Arab Republic of Egypt

Ministry of State for Scientific Research Academy of Scientific Research & Technology



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN DECEMBER 2017"

Egyptian Patent Office

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Preface

We are on the verge of a new era which is founded on the basis of technological development and hence, we have to follow it in all fields of national development. Technology has become the basis for the increase in national income and production and hence, scientific research has become our real hope as a way for advancement and as a necessity for life.

Emerging from the responsibility of the Academy of Scientific Research and Technology towards strengthening the pillars of science and technology, I have the pleasure to introduce the Granted Patent's Abstracts of the Publication of Patents monthly, Which includes bibliographical data. This periodical is directed to all those interested in the vital field of Intellectual property which encompasses patents, innovations and creative works.

I hope that this publication meets its targeted objective, namely increasing the welfare, prosperity and advancement for our beloved country, Egypt.

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

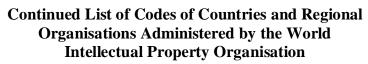
Bibliographic data

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Patent Number	11
Patent Kind	12
Application Number	21
Filing Date	22
Priority Number	
Priority Date	30
Priority Country	
Issuance Date	45
International Patent Classification	51
Title	54
Abstract	57
Applicant Name	71
Inventor Name	72
Patentee Name	73
Patent Attorney Name	74



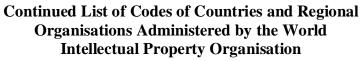
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AO	Angola
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AT	Austria
AU	Australia
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IE	Ireland



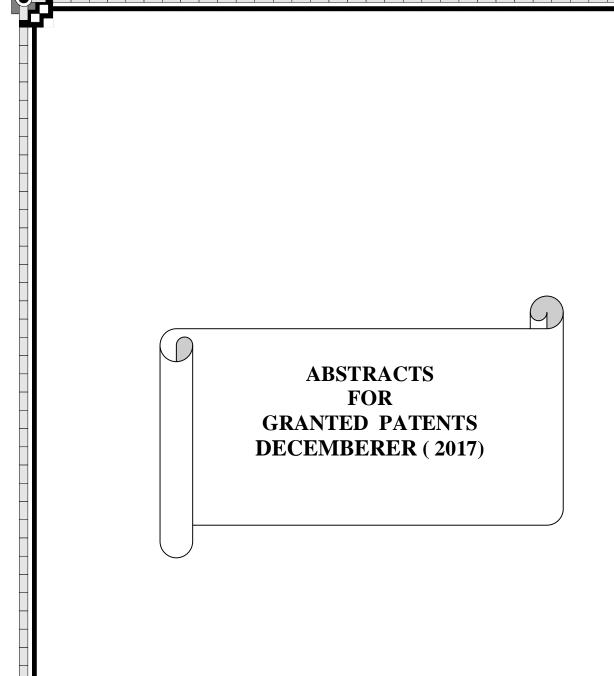
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TR	Turkey
TT	Trindad and Topago
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UG	Uganda
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

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ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe



Arab Republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology
Egyptian Patent Office



PCT

(22)	21/09/2014
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- (21) 1491/2014
- (44) June 2017
- (45) |04/12/2017
- (11) 28329

(51)	Int. Cl. 8 F16C 9/02, 35/02 & B25B 27/06
(71)	1. NUOVO PIGNONE SRL (ITALY)
	2. 3.
-	
(72)	1. BARGIACCHI, Massimo
. ,	2. RAUGEI, Leonardo
	3. BRESCHI, Tommaso
	4. BOGAZZI, Michele
(73)	1.
(10)	2.
(30)	1. (IT) CO2012A000013 - 04-04-2012
(50)	2. (PCT/EP2013/056917) - 02-04-2013
	3.
(74)	AMR mofed ELDEEP
(12)	Patent

(54) MAINTENANCE TOOL AND METHOD FOR A SPLIT FRICTION BEARING ASSEMBLY AND ROTARY MACHINE USING THE Patent Period Started From 02/04/2013 and Will end on 01/04/2033

(57) The tool is designed to carried out maintenance operations on a bearing assembly comprising a bushing split into at least two shells; the maintenance tool comprises a device arranged to act on and rotate the bushing shells. In particular, the device comprises a slide and a pin; the slide has a hole transversal to its sliding direction and the pin 8 is slidably mounted inside the hole and protrudes from the hole; in a first operating position the pin acts on a shell and in a second operating position the pin does not act on any shell. The method provides to rotate the bushing shells without rotating the supported shaft, and to carry out maintenance operations on a shell at a time while leaving the shaft supported by the other shell.



PCT

- (22) 08/12/2014
- (21) | 1985/2014
- (44) June 2017
- (45) 04/12/2017
- (11) 28330

(51)	Int. Cl. 8 B01D 19/00 & C02F 1/20
(71)	 BOARD SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE (UNITED STATES OF AMERICA) 3.
(72)	 KOCHERGIN, Vadim GRIMALDO, Santiago 3.
(73)	1. 2.
(30)	1. (US) 61/659,078 - 13-06-2012 2. (PCT/US2013/042137) - 22-05-2013 3.
(74)	Abdul Hade office for Intellectual Property
(12)	Patent

(54) DEVICE FOR DEGASSING LIQUIDS Patent Period Started From 22/05/2013 and Will end on 21/05/2033

(57) A degassing chamber is disclosed, adapted for the efficient removal of entrained gases from liquids. In a preferred embodiment the degassing chamber is combined with and works in conjunction with a sedimentation tank to provide an efficient clarification station. The combined clarification station can have a "footprint" the same size as, or only slightly larger than, the footprint of the sedimentation tank alone. The degassing chamber is well-suited for retrofitting, and can easily be combined with most types of solid-liquid sedimentation tanks that are currently used in the industry.



PCT

- (22) 25/08/2013
- (21) 1355/2013
- (44) July 2017
- (45) 10/12/2017
- (11) 28331

(51)	Int. Cl. 8 A61F 2/04, 2/00 & A61L 27/18, 27/54
(71)	1. Sambusseti, Antonio (ITALY) 2. 3.
(72)	 Sambusseti, Antonio 3.
(73)	1. 2.
(30)	1. (IT) MI2011A 000387 - 11-03-2011 2. (PCT/EP2012/053676) - 02-03-2012 3.
(74)	MAHMOUD RAGAEY ELDEKY
(12)	Utily Model

(54) HEMISPHERE FOR BLADDER EXPANSION IN PATIENTS WITH LOW COMPLIANCE

Patent Period Started From 02/03/2012 and Will end on 01/03/2019

(57) A description is given of a device for the expansion of an atrophied bladder formed by a hemisphere, as a single piece, in biocompatible material characterised in that said material is selected from polylactic acid (PLA) and silicone coated with pyrolytic turbostratic carbon or with amorphous diamond-like carbon.



PCT

- (22) 15/06/2014
- (21) 0969/2014
- (44) June 2017
- (45) 10/12/2017
- (11) 28332

	T + CI & TOOD 44/00 44/40		
(51)	Int. Cl. 8 F23D 11/38, 11/40		
(71)	1. MISUBISHI HITACHI POWER SYSTEM, LMTD (JAPAN)		
,	2.		
	3.		
(72)	1. OKAZAKI Hirofumi	4. ORII Akihito	
,	2. KURAMASHI Koji	5. OCHI Kenichi	
	3. OKAZAKI Hirofumi	6. KONDOU Yuuki	
(73)	1.		
()	2.		
(30)	1. (PCT/JP2012/079768) - 16-11-2012		
(00)	2.		
	3.		
(74)	SMAS CO		
(12)	Patent		

(54) SPRAY NOZZLE, BURNER EQUIPPED WITH SPRAY NOZZLE, AND COMBUSTION DEVICE EQUIPPED WITH BURNER Patent Period Started From 16/11/2012 and Will end on 15/11/2032

(57) A spray nozzle that uses a spray medium to spray and burn a liquid fuel, wherein a fluid mixture is formed by mixing a spray fluid and a spray medium in first convergence sections of the spray nozzle, with this fluid mixture passing through fluid mixture flow paths and the opposing flows of this fluid mixture colliding in a second convergence section near an outlet hole, and being sprayed from the outlet hole. The flow path cross-sectional area of the fluid mixture flow paths is formed so as to be narrower near the outlet hole, thereby increasing the flow speed of the fluid mixture and promoting the atomization of the fluid mixture due to the collision. By means of this spray nozzle the combustion reaction can be promoted, unburned component, soot, and carbon monoxide at the outlet of the combustion device can be reduced, and combustion.



PCT

- (22) 16/11/2014
- (21) 1830/2014
- (44) June 2017
- (45) 10/12/2017
- (11) 28333

(51)	Int. Cl. 8 A01N 25/04, 25/18, 25/20, 25/34, 53/00
(71)	1. BAYER CROPSCIENCE AG (GERMANY) 2. 3.
(72)	 KIJLSTRA, Johan AKLE, Francois BERNI, José HEINRICH, Jean-Luc
(73)	1. 2.
(30)	1. (EP) 12168250.4 - 16-05-2012 2. (PCT/EP2013/059917) - 14-05-2013 3.
(74)	SMAS Intellectual Property
(12)	Patent

(54) INSECTICIDAL WATER-IN-OIL (W/O) FORMULATION Patent Period Started From 14/05/2013 and Will end on 13/05/2033

(57) The invention relates to an insecticidal water-in-oil (W/O) formulation, comprising at least one insecticidal active ingredient and at least one burning salt, and the production of said formulation. The formulation according to the invention is suitable in particular for treating suitable carrier materials, in particular paper carriers, in an economical single-step process by means of conventional application methods. The present invention further relates to insecticidal products that can smolder, which are produced by treating a carrier material with the formulation according to the invention.



PCT

- (22) 05/02/2014
- (21) 0163/2014
- (44) August 2017
- (45) 11/12/2017
- (11) 28334

(51)	Int. Cl. 8 C08L 1/00, 39/08 & D06M 15/00
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2.
(72)	1. HESHAM MOSTAFA FAHMY ABD-ELGAWWAD 2. NABIL ABD-ELIBASET HBRAHIM 3. SHAIMAA MAHMOUD SAYED MOHAMED
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	MAGDA MAHSAB, AMAL YOUSEF, MONA MOHMAD FARED Utility Model

(54) SOFTENERS FOR CELLULOSE CONTAINING TEXTILES Patent Period Started From 05/02/2014 and Will end on 04/02/2021

(57) The invention relates to A new textile softener was prepared easily and safely by mixing of a weight ratio 10-30% of poly vinylpyrrolidone with respect to stearyl alcohol at 95 C for 90 min. The softener can be marketed in a solid or water emultion form to impart a softening touch for white or colored cotton fabrics. The prepared softener can be applied to cotton fabrics by pad dry cure technique in the presence of resins such as Dimethylol dihydroxycthylcne urea (DMDI If TJ) to improve the durability for washing

Arab Republic of Egypt Ministry of State for Scientific Research Academy of Scientific Research & Technology Egyptian Patent Office	PCT	(22) (21) (44) (45) (11)	02/01/2006 0005/2006 July 2017 11/12/2017 28335	
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(51)	Int. Cl. 8 A 61 P 33/10; A 61 K 36/00
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	 DR. HATEM ABD EL MAWGOUD SHALABY PROF. DR. AHMED GAFFER HEGAZI DR. FATEN KAMAL ABD EL HADY
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	MAGDA MHASSEB ELSAYED - AMAL YOSEF AHMED - MONA MOHAMED FAREED Patent

(54) A NOVEL DRUG FROM NATURAL PRODUCTS USEFUL IN CONTROL OF FASCIOLIASIS Patent Period Started From 02/01/2006 and Will end on 01/01/2026

(57) The invention relates to a concentrate for the production of a novel drug from natural products with antiparasitic (Fasciolicidal) properties, wherein said concentrate contains at least one extract of Green tea -and Apium graveolens (celery) and optionally an additional extract selected from amongst the extracts of propolis, and honey.



PCT

- (22) 23/05/2011
- (21) 0809/2011
- (44) August 2017
- (45) 11/12/2017
- (11) 28336

(51)	Int. Cl. 8 E12B 37/02
(71)	1. HUSSEIN ALI MOHAMED ABD-ALLAH BORAIS (EGYPT) 2. 3.
(72)	1. HUSSEIN ALI MOHAMED ABD-ALLAH BORAIS 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	SOHEER, MICHEAL REZK,
(12)	Patent

(54) MULTILEVEL SCRAPER TO RID THE PIPES OF OIL EXTRACTION FROM IMPURITIES AND RUST Patent Period Started From 23/05/2011 and Will end on 22/05/2031

(57)

The present invention is related to a scraper to rid the oil production Size 9 5/8 until the end of this pipes of impurities to clean the well sector. Then the outer size (outer diameter)of the device is changed without the through shrinking so that it can enter the well Size 7 inches need to pull the machine to the top to be changed into the smaller size. The scraper consists of a three levels column, each level contains three hooks. At the end of the column there is an adjusting nut, and below the bottom of this column there is a coil. The pressure of the coil is adjusted, and therefore, the position of the column is adjusted and the amount of the hooks out of the outer body of the scraper is controlled. The maximum outside diameter of the scraper is also controlled.



PCT

- (22) 13/05/2009
- (21) 0712/2009
- (44) August 2017
- (45) 12/12/2017
- (11) 28337

(51)	Int. Cl. 8 A61M 16/04
(71)	1. ASHRAF EL MELOUK ABDEL HAFIZ YOUSSEF (EGYPT)
(, 1)	2.
	3.
(72)	1. ASHRAF EL MELOUK ABDEL HAFIZ YOUSSEF
(, -)	2.
	3.
(73)	1.
()	2.
(30)	1.
(/	2.
	3.
(74)	
(12)	Patent

(54) MUTATED TOOL FOR REFRAINING BRAIN STEM DEATH Patent Period Started From 13/05/2009 and Will end on 12/05/2029

(57) It is a mutated tool that modifies expands and slides automatically inside the patient's trachea to be used as endotracheal tube when he is unable to breath naturally, and withdraws automatically too away from it when he is able to breath again. This tool is dedicated to support the patient's will to breath again when he can, and control his unconscious give up sense to artificial breathing when he needs it least, and this avoid brain stem death possible.



PCT

- (22) 14/04/2014
- (21) 0590/2014
- (44) August 2017
- (45) 11/12/2017
- (11) 28338

(51)	Int. Cl. 8 A23G 9/04, 9/00 & A01J 9/10
(71)	1. ELSAYED MAHMOUD MOHAMED ABDELHADY (EGYPT) 2. 3.
(72)	1. ELSAYED MAHMOUD MOHAMED ABDELHADY 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	Natural Ice Cream with natural sweeteners free of calories. Production
	method
	Patent Period Started From 14/04/2014 and Will end on 13/04/2034
(==)	

(57)

The invention of the current production of natural Ice Cream sweetened with natural sweeteners (stevia sugar) calorie-free. Add to quinoa milk to add value to his food is increasing protein, iron, calcium, phosphorus and many vitamins and amino acids, omega-3 and omega-6, as well as many other nutrients.



PCT

(22) 2	27/04/2014
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(21) 0654/2014

(44) July 2017

(45)11/12/2017

(11) 28339

(51)	Int. Cl. 8 A23G 9/04, 9/00 & A01J 9/10
(71)	1. SHERIF HAMDY ABDEL-MAGUID ABDEL-AZIZ (EGYPT) 2. 3.
(72)	1. SHERIF HAMDY ABDEL-MAGUID ABDEL-AZIZ 2. 3.
(73)	1. 2.
(30)	1. PCT/EG2011/000026- 30/11/2011 2. 3.
(74)	
(12)	Patent

(54)THE ANATOMICAL CIRCUMCISION RING Patent Period Started From 27/04/2014 and Will end on 26/04/2033

(57) The Anatomical circumcision device includes a transparent supporting tube .an angled ring. The supporting tube includes at least two circumferential grooves on the outer periphery; with a circular protrusion around the anterior end of the tube. The tube includes two shaped slit which is a part of the closure joint of the device. The angled ring includes two pins which is the other part of the closure joint of the device. The ring is cylindrical in shape and opened from two sides, anterior and posterior, with one sector is longer than the other sector at the posterior end.

The ring includes an extension from the shorter sector, with a notch. The posterior end has two angled circumferential flanges which create a circumferential angled groove in between . The ring includes circumferential ridges parallel to the circumferential angled groove .the device includes two clamps; one is a constricting which is applied around angled groove, other is fixing one; which is applied around one of the grooves of the supporting tubes.



PCT

- (22) 31/07/2013
- (21) 1256/2013
- (44) June 2017
- (45) 11/12/2017
- (11) 28340

(51)	Int. Cl. 8 H02K 15/00
(71)	1. YEHIA YEHIA HAFEZ SALLAM (EGYPT) 2.
	3.
(72)	1. YEHIA YEHIA HAFEZ SALLAM
	2. 3.
(73)	1.
,	2.
(30)	1.
	2.
	3.
(74)	
(12)	Patent

(54) SOLAR ELECTRIC GENERATOR" DC- 12 VOLT - 60 WATT" (2 X30 WATT)

Patent Period Started From 31/07/2013 and Will end on 30/07/2032

(57) High quality of low voltage solar generator of electricity (12 volt) 60 watt (2 x 30 watt) has been innovated. This generator has very high technology components and using of solar energy as a source of electricity. This system consists of (one solar panel 17.9 V/60 watt mono crystalline, two solar controller 20 ampere, two solar batteries 12V 7AH / 20 HR and high lighted 5050 SMD LED Lamps with (3-5) watt. The present system provides electricity of 12 volt used to load all 12V devices up to 60 watt. This generator has two out puts each one of 30 watt. This generator is a green technology system and completely safety and environmental friendly components. However, several 12 volt DC electric and electronic devices can work through this system e.g. (SMD LED Lamps, DC fans, DVD) Players, satellite receiver systems, mobile chargers, MP3, MP4, USB devices, radio cassettes,?etc.). This new era can work any time and any where and for a long time reached to 20 hours for low load and 6 hours for maximum load. This generator can used too in Sahara and in farms that far from urban regions. This system eliminates the negative results of cut off of electricity of homes in cities and provides a best solution for electric energy.



PCT

- (22) 22/05/2014
- (21) 0833/2014
- (44) August 2017
- (45) 11/12/2017
- (11) 28341

(51)	Int. Cl. 8 B63B 43/12
(71)	1. NABIL MOHAMED ATTIA YOUSEF MADKOUR (EGYPT) 2.
(72)	1. NABIL MOHAMED ATTIA YOUSEF MADKOUR 2.
(73)	3. 1. 2.
(30)	1. 2. 3.
(74) (12)	Patent

(54) FOAM INJECTION FOR SECURING SHIPS AGAINST DROWNING Patent Period Started From 22/05/2014 and Will end on 21/05/2034

(57) This invention relates to a process for injecting two matters; A & B along with the pressurized air into the ship for blocking all parts thereof with no room for water penetration, thus preventing it from drowning.



PCT

- (22) 13/04/2014
- (21) 0587/2014
- (44) August 2017
- (45) 11/12/2017
- (11) 28342

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(51)	Int. Cl. 8 A23L 2/04, 2/08 & A01J 9/10
(71)	1. ELSAYED MAHMOUD MOHAMED ABDELHADY (EGYPT)
(/1)	2.
	3.
(50)	1. ELSAYED MAHMOUD MOHAMED ABDELHADY
(72)	
	2.
	3.
(73)	1.
	2.
(30)	1.
(50)	2.
	3.
(7.4)	
(74)	
(12)	Patent
(/	

Natural natural calorie - free natural juice product and a method for its production

Patent Period Started From 13/04/2014 and Will end on 12/04/2034

(57) The current invention is related to the production of natural juices, sweetened with natural sweeteners (Istvia sugar), free of calories and added to the quinoa milk, adding nutritional value to it is increasing the levels of protein, iron, calcium, phosphorus, and many vitamins, amino acids, Omega 3 and Omega 6 as well as many other nutrients.

Egyptian Patent Office



PCT

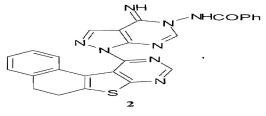
- (22) 31/03/2009
- (21) 0438/2009
- (44) August 2017
- (45) 11/12/2017
- (11) 28343

(51)	Int. Cl. 8 A61P 31/04, 35/00, 31/12 & C07D 487/04
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)
	2.
(72)	3. 1. DR. AYMN EL-SAID RASHAD
(72)	2. DR. MAMDOUH MOAOD ALI
	3. DR. RANDA EL-SAID ABD EL-MEGEID
	4. PROF. DR. FAROUK MOHAMED EZZAT ABD EL-MEGEID
(73)	1.
, ,	2.
(30)	1.
	2.
	3.
(74)	MAGDA MHASSEB ELSAYED - AMAL YOSEF AHMED - MONA MOHAMED FAREED
(12)	Patent

(54) PYRAZOLOPYRIMIDINE DERIVATIVE AS ANTIMICROBIAL, ANTIVIRAL, AND ANTITUMOR

Patent Period Started From 31/03/2009 and Will end on 30/03/2029

- (57) N-[1-(5,6-Dihydronaphtho[1',2':4,5]thieno[2,3-d]pyrimidin-11-yl)-4-imino-1,4-dihydropyrazolo[3,4-d]pyrimidin-5-yl]benzamide was prepared by a novel method. It showed significant activity as:
 - 1- Antitumor compared to Cisplatin as control.
 - 2- Antiviral agent against herpes simplex virus type-1 (HSV-1) compared to Acyclovir as a control.
 - 3- Antiviral agent against hepatitis-A virus (HAV) compared to Amantadine as a control.
 - 4-Antimicrobial activity compared to Streptomycin (S), Erythromycin (E), Ampicillin (A), Amoxicillin (Am), and Fusidic acid (FA) as standard references.





PCT

- (22) 30/04/2013
- (21) 0745/2013
- (44) August 2017
- (45) 11/12/2017
- (11) 28344

(51)	Int. Cl. ⁸ B01D 53/04, 53/82, 53/72
(71)	1. SHERIF ADHAM MOHMED HUSSEIN (EGYPT) 2. 3.
(72)	1. SHERIF ADHAM MOHMED HUSSEIN 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) AIR CONDITION CONTROL THE TEMPERATURE AND HUMIDITY BY USING WATER AND POROUS MATERIAL Patent Period Started From 30/04/2013 and Will end on 29/04/2020

A new system controls in temperature and humidity. This system consist of two subsystems the first for occupied zoon return air circulation. The second one is for condenser circulation. The whole system consists of heat exchanger and contain two subsystems. The first is for occupied zoon circulating air and the second is for condenser air circulation. For the occupied zoon air is passing from occupied zoon to inside of heat exchanger tubes. The outer surface of heat exchanger tubes is revolved by some types of textile materials (porous media). The porous material is wicked by liquid water. The condenser air is passing through wicked porous surface and liquid water is vaporized by diffusion. The condenser air is energy carrier from porous material to condenser for removing liquid water and latent heat of vaporization. The vaporization energy is transferred to ambient and liquid water is condensed inside condenser tubes. The condensed water is used to activate the porous material when dries. The occupied zoon air is direct contact of heat exchanger surface and its humidity is removed here. The released humidity is withdrawn by drainage valve. All the explanation above according to attached drawing.



PCT

- (22) 06/04/2008
- (21) 0582/2008
- (44) August 2017
- (45) |11/12/2017
- (11) 28345

(51)	Int. Cl. 8 A01N 1/00 & C12N 5/00
(71)	1. HAMDEY ABD EL ELLA MAHMOUD (EGYPT) 2. 3.
(72)	1. HAMDEY ABD EL ELLA MAHMOUD 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) MUMMIFICATION OF THE BODY WITH BOWELS Patent Period Started From 06/04/2008 and Will end on 05/04/2028

(57) The present invention provides a novel method for mummification that is capable of mummification of the whole body including bowels. this is done by imposing the body in a hole surrounded by ashes resulted from complete burning of plants and then the hole is closed with a little soil provided that the hole is in the sun bean direction and the whole body is left for about forty days. After that the body is ejected and coated with an air-water insulating transparent material through which the external body details could be fully seen. It also works on insulating the body from external atmosphere which included gases, moisture and microorganisms which help in decaying the body. As a result, the body may be transported to another place without adhering to specific atmospheric conditions. The scientific basis for this method based on dehydrating the body tissues via ashes and in the presence of specific temperature at which the growth of the microorganisms is depended on and the enzymatic activity is stopped Some mummification operations performed on various birds such as chicken, reptiles as well such as snacks, these operations has performed for a period of time exceeding five years and proved their success. Therefore, the use of this method is the effective impact on performing some scientific researchs.



PCT

- (22) 23/04/2014
- (21) 0637/2014
- (44) August 2017
- (45) 11/12/2017
- (11) 28346

(51)	Int. Cl. 8 Y02E 10/00 & F24J 2/00 & F26B 9/00
(71)	1. AHMED ISMAIL MEGAHED ABDALLAH (EGYPT) 2. SHAIMAA AHMED ISMAIL MEGAHED
(72)	1. AHMED ISMAIL MEGAHED ABDALLAH 2. SHAIMAA AHMED ISMAIL MEGAHED
(73)	1.
(30)	1.
(74)	
(12)	Patent

(54) THE MULTIFUNCTIONAL DUET SOLAR WATER HEATER Patent Period Started From 23/04/2014 and Will end on 22/04/2034

(57) This a multifunctional system consists of several components can be assembled together according to users need, it can be powered by several power sources and up to 5 free sources of energy to reduce operation costs, based on controlling water flow rate inside the system, when needed the system has the ability to re adjust water flow rate inside the collector automatically to increase water temperature with no need to conventional sources of energy, beside water heating the system and based on innovative unconventional technologies can serve for crops dehydration, insects disinfestation, and spaces heating, it offers 3 cooking options, user can do maintenance, chick performance, and follow up different functions of his system at home with no need for specialist, beside its multi advantages we avoided all technical problems in similar systems, it specifically tailored to work economically and efficiently in local conditions of developing countries, unlike existing comparable systems dimensions of Duet system can be tailored and modified gradually to suit user need and purchasing power some components are disassemble to ease storage when are not in need, that reduces transportation and packaging costs, unlike most existing solar water heaters systems Duet makes it possible for user to withdraw hot water even in the case water supply runs out that suits isolated communities.



PCT

- (22) 11/08/2014
- (21) 1290/2014
- (44) | August 2017
- (45) 11/12/2017
- (11) 28347

(51)	Int. Cl. 8 A61B 17/32
(71)	1. MAMDOUH YOUSSEF SOLIMAN SOUAIDA (EGYPT) 2. 3.
(72)	1. MAMDOUH YOUSSEF SOLIMAN SOUAIDA 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	Device for male Circumcision
	Patent Period Started From 11/08/2014 and Will end on 10/08/2034

Device performing circumcision, of the type having a hollow bell (or ring), a semi conical part and handle which prevent slipping of ring over penile shaft. The device has a circumferential flange at its anterior part connected to the body posteriorly by acircumferential groove. This flange is connected anteriorly to a semi conical hollow part. Its anterior opening is incomplete circle connected to big opening at the base of the conical part, the connection in between is a narrowest slot to keep the shape and property of the cone. Thehandle is in the form of inverted Y, 2 mm thick, connected by both legs to the top of the anterior edge of the semi conical part. This connection is weakened to be easily broken after finishing the operation. After positioning the device with suitable size over the glans, the foreskin is pulled over and tied firmly to be strangled over the circumferential groove. Then trimming the distal skin and breaking the handle, leaving the device in place till it falls down and separate within 5-7 days. Presence of the semi conical part with its opening at its base prevent slipping of the device over penile shaft and its complications and also preventing accumulation of urine and inflammation.



PCT

- (22) 14/04/2014
- (21) 0589/2014
- (44) August 2017
- (45) 11/12/2017
- (11) 28348

(51)	Int. Cl. 8 A23L 21/10 & A01J 9/10
(71)	1. ELSAYED MAHMOUD MOHAMED ABDELHADY (EGYPT)
	2. 3.
(50)	
(72)	1. ELSAYED MAHMOUD MOHAMED ABDELHADY 2.
	3.
	J.
(73)	1.
	2.
(30)	1.
, ,	2.
	3.
(74)	
(12)	Patent

(54) A natural natural calorie-free jam product and a way to produce it Patent Period Started From 14/04/2014 and Will end on 13/04/2034

(57) The current invention is related to the production of natural sweeteners with natural sweeteners (Istvia sugar) free of calories and added to the quinoa milk to add nutritional value to it is increasing the levels of protein, iron, calcium, phosphorus and many vitamins and amino acids, Omega 3 and Omega 6 as well as many other nutrients



PCT

- (22) 19/03/2014
- (21) 0435/2014
- (44) August 2017
- (45) 11/12/2017
- (11) 28349

(51)	Int. Cl. 8 A61G 5/12
(71)	1. HASSAN Fathe MORSY EL-DAKHAKHNY (EGYPT) 2. 3.
(72)	1. HASSAN Fathe MORSY EL-DAKHAKHNY 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) WHEEL-CHAIR FOR LIFTING AND TRANSPORTING SICK PERSONS

Patent Period Started From 19/03/2014 and Will end on 18/03/2034

(57) This present invention related to wheel-chair for lifting and transporting patients that are unable to move has a frame provided with brakable wheels and a liftable and lowerable bearing structure mounted in the frame and capable of being converted both in a chair and in a bed. The bearing structure is pivotably mounted around a vertical axis at the front part of the frame on a lifting stool capable of moving on an inclined guiding path formed by guiding rails. The lifting stool is supported by the bearing rollers of an articulated lever mechanism capable of being moved by a pneumatic work cylinder. As an energy source for the work cylinder at least a high pressure gas bottle is incorporated, which drives in addition the braking cylinder of an immobilising safety brake. The braking cylinder is incorporated between two brake arms that are pressed by tension springs against parallel brake truss bars arranged on both sides of secured to and movable with the piston rod of the work cylinder that moves the lifting stool.



PCT

- (22) 11/11/2010
- (21) 1923/2010
- (44) August 2017
- (45) 11/12/2017
- (11) 28350

(51)	Int. Cl. 8 B60B 7/00, 7/01
(71)	1. MOHAMED ZAKARIA ABDULLA MOHAMED SOLIMAN (EGYPT) 2. 3.
(72)	1. MOHAMED ZAKARIA ABDULLA MOHAMED SOLIMAN 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	Patent

(54) The front wheel's upper wings for the formula one racing cars Patent Period Started From 11/11/2010 and Will end on 10/11/2030

(57) The upper wings are fitted to the front wheels of formula One racing cars and placed above the front wings which are located at the front of the wheels. This idea aimed to reduce the power needed to keep the front wheel's spinning especially at high speeds. The main problem is accompanied while they rotate against the flow direction and mainly generate a high resistive torgue. So, the upper wings are designed to deflect the air stream away from the upper side of rotating wheel.



PCT

- (22) 28/10/2013
- (21) 1661/2013
- (44) August 2017
- (45) 12/12/2017
- (11) 28351

(51)	Int. Cl. ⁸ C07K 1/34, 1/14, 14/805, 1/36
(71)	1. PILLION QUINK INTERNATIONAL LIMITEND (Hong Kong) 2. 3.
(72)	 WONG, Bing Lou Kwok, Sui Yi WONG, Bing Lou
(73)	1. 2.
(30)	1. (US) 13/097,183 - 29-04-2011 2. (US) 13/217,337 - 25-08-2011 3. (PCT/US2012/034608) - 23-04-2012
(74)	Ahmed Mohamed Alam
(12)	Patent

(54) METHOD FOR REMOVING UNMODIFIED HEMOGLOBIN FROM CROSS Patent Period Started From 23/04/2012 and Will end on 22/04/2032

(57) A method heat treatment of cross-linked hemoglobin solutions including polymeric hemoglobin is disclosed. The method involves contacting the hemoglobin solution with a high temperature short time heat treatment apparatus. The high temperature short time process thermally denatures unmodified tetrameric hemoglobin (hemoglobin dimer form), protein impurities (e.g. immunoglobin-G, serum albumin), bacteria, and viruses so that renal injury, vascular detrimental effects and other toxicity reactions can be avoided.



PCT

- (22) 03/08/2014
- (21) 1247/2014
- (44) August 2017
- (45) 12/12/2017
- (11) 28352

(51)	Int. Cl. 8 C02F 1/52, 1/66, 1/68, 1/44, 103/	08 & C01F 5/24, 11/18
(71)	 OMYA INTERNATIONAL AG (SWI) 3. 	TZERLAND)
(72)	 BURI, Matthias RENTSCH, Samuel GANE, Patrick A. C 	4. BLUM, Rene Vinzenz 5. POFFET, Martine
(73)	1. 2.	
(30)	1. (US) 61/597,193 - 10-02-2012 2. (EP) 12153898.7 - 03-02-2012 3. (PCT/EP2013/051884) - 31-01-2013	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) PROCESS FOR THE PREPARATION OF AN AQUEOUS SOLUTION COMPRISING AT LEAST ONE EARTH ALKALI HYDROGEN CARBONATE BY A GRINDING AND FILTRATION STEP

Patent Period Started From 31/01/2013 and Will end on 30/01/2033

The present invention refers to a process for the preparation of an aqueous solution comprising at least one earth alkali hydrogen carbonate. The process comprises the steps of: a) providing water, b) providing at least one substance comprising at least one earth alkali carbonate and optionally at least one earth alkali hydroxide in a minor amount in respect to the earth alkali carbonate, the at least one substance being in a dry form or in an aqueous form, c) providing co2, d) combining either: (i) the water of step a), the at least one substance of step b) and the co2 of step c), or (ii) the water of step a) and the at least one substance of step b) in order to obtain an alkaline aqueous suspension of the at least one substance of step b), and subsequently combining the alkaline aqueous suspension with the co2 of step c) in order to obtain a resulting suspension s having a ph of between 6 and 9, the resulting suspension s containing particles, e) filtering at least a part of the resulting suspension s by passing at least a part of the resulting suspension s through a filtering device in order to obtain the aqueous solution comprising at least one earth alkali hydrogen carbonate, wherein the aqueous solution obtained after filtration has a turbidity value of lower than 1 ntu and has a calcium concentration, as calcium carbonate, from 50 to 650 mg/l, and f) subjecting at least a part or all of the particles of the resulting suspension s to a particle dividing step, wherein the said process is carried out in a reactor system that comprises at least one tank, at least one filtering device, and means connecting the tank and the at least one filtering device, wherein the tank is connected to a crushing and/or grinding device where at least a part of the particles contained in the resulting suspension s are subjected to a particle size reduction and the grinding and/or crushing device is arranged in such a way that only a part of the resulting suspension s that is contained in the tank is passed through the crushing and/or grinding device before circulating back into the tank.



PCT

- (22) 03/08/2014
- (21) 1245/2014
- (44) August 2017
- (45) 12/12/2017
- (11) 28353

(51)	Int. Cl. 8 C02F 1/52, 1/66, 1/68, 1/44, 103/	08 & C01F 5/24, 11/18
(71)	1. OMYA INTERNATIONAL AG (SW 2. 3.	VITZERLAND)
(72)	 BURI, Matthias RENTSCH, Samuel GANE, Patrick A. C 	4. BLUM, Rene Vinzenz5. POFFET, Martine
(73)	1. 2.	
(30)	1. (US) 61/597,196 - 10-02-2012 2. (EP) 12153905.0 - 03-02-2012 3. (PCT/EP2013/051881) - 31-01-2013	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) PROCESS FOR THE PREPARATION OF AN AQUEOUS SOLUTION COMPRISING AT LEAST ONE EARTH ALKALI HYDROGEN CARBONATE Patent Period Started From 31/01/2013 and Will end on 30/01/2033

The present invention refers to a process for the preparation of an aqueous solution comprising at least one earth alkali hydrogen carbonate. The process comprising the steps of:a) providing water, b) providing at least one substance comprising at least one earth alkali carbonate and optionally at least one earth alkali hydroxide in minor amount in respect to the earth alkali carbonate, the at least one substance being in adry from or in an equeous from, wherein the at least one substance comprising at least one earth alkali carbonate and the optional at least one earth alkali hydroxide is selected from the group comprising marble, limastone, chalk, half burnt lim, burnt lim, dolomitic limestone, calcareous dolomite, half burnt dolomite, burnt dolomite, and precipitaled calcium carbonate, c) providing co2, d) combining either: (i) the water of step a), the at least one substance of step b) and the co2 of step c) or (ii) the water of step a) and the at least one substance of step b) in order to obtain an alkaline aqueous suspension of the least one substance of step b) and subsequently combining the alkaline equeous suspension with the co2 of step c) in order to obtain aresulting suspension s having a ph of between 6 and 9, the resulting suspension s containing particles, e) filtering at least a part of the resulting suspension s that is obtained in step d) by passing the resulting suspension s through a filtering device in order to obtain the aqueous solution comprising at least one earth alkali hydrogen carbonate, wherein the aqueous solution obtained after filtration has a turbidity value of lower than 1 ntu and has a calcium concentration, as calcium carbonate, from 50 to 650 mg/l.



PCT

- (22) 26/02/2014
- (21) 0292/2014
- (44) August 2017
- (45) 11/12/2017
- (11) 28354

(51)	Int. Cl. 8 C02F 1/68, 1/66, 103/42, 103/06
(71)	1. OMYA INTERNATIONAL AG (SWITZERLAND)
	2. 3.
(72)	1. POFFET, Martine
	2. SKOVBY, Michael
	3. POHL, Michael
(73)	1.
(1-)	2.
(30)	1. (EP) 11179541.5 - 31-08-2011
(00)	2. (US) 61/531,691- 07-09-2011
	3. (PCT/EP2012/066673) - 28-08-2012
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) REMINERALIZATION OF DESALINATED AND OF FRESH WATER BY DOSING OF A CALCIUM CARBONATE SOLUTION IN SOFT WATER

Patent Period Started From 28/08/2012 and Will end on 27/08/2032

(57) The present invention concerns a process for treating water and the use of calcium carbonate in such a process. In particular, the present invention is directed to a process for remineralization of water comprising the steps of providing feed water, providing an aqueous solution of calcium carbonate, wherein the aqueous solution of calcium carbonate comprises dissolved calcium carbonate and reaction species thereof, and combining the feed water and the aqueous calcium carbonate solution.



PCT

- (22) 20/02/2014
- (21) 0254/2014
- (44) July 2017
- (45) 13/12/2017
- (11) 28355

(51)	Int. Cl. 8 C04B 11/00, C04B 28/14
(71)	1. SAINTGOBALN Placo (FRANCE)
	2. 3.
(72)	1. ZHANG, Ke
(12)	2. LI, Huifen
	3. SONG, Hao
	4. Gao, Xiaotong
(73)	1.
	2.
(30)	1. (PCT/CN2012/085749) - 03-12-2012
	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) ANTI-SAGGING GYPSUM PRODUCT AND A METHOD TO MANUFACTURE Patent Period Started From 03/12/2012 and Will end on 29/12/2031

(57) The present invention provides a gypsum board composition, comprising gypsum and an anti- deformation additive, wherein the anti- deformation additive comprises a compound comprising a group shown in chemical formula (1) and the compound comprises no carboxylate groups, wherein the r1 and /or r2 is hydrogen or metal ion or alkyl group or alkenyl group. R10 0r2 -c=c-

Egyptian Patent Office



PCT

- (22) 31/10/2011
- (21) PCT/2011/001848
- (44) June 2017
- (45) | 13/12/2017
- (11) | 28356

(51)	Int. Cl. 8 A61K 31/44		
(71)	1. DOW AGROSCIENCES LLC (U 2. 3.	NITED STATES OF AMERIC	CA)
(72)	 TRULLINGER, Ony HUNTER, Ricky GARIZI, Negar YAP. Maurice BUYSSE, Ann PERNICH, Dan 	7. JOHNSON, Timothy 8. BRYAN, Kristy 9. DEAMICIS, Carl 10.ZHANG, YA 11. NIYAZ, Noormohamed 12. MICLEOD, Casandra	13. ROSS, Ronald 14. ZHU, Yuanmlng 15. JOHNSON, Peter 16. ECKELBARGER, Joseph 17. PARKER, Marshall
(73)	1. 2.		
(30)	1. (US) 61/175659 - 05-05-2009 2. (PCT/US2010/033467) - 04-05-201 3.	0	
(74)	ABD ELHADI OFFICE		
(12)	Patent		

(54) PESTICIDAL COMPOSITIONS

Patent Period Started From 04/05/2010 and Will end on 03/05/2030

(57) This document discloses molecules having the following formula (see "Formula I").



PCT

- (22) 11/06/2014
- (21) 0955/2014
- (44) August 2017
- (45) 13/12/2017
- (11) 28357

(51)	Int. Cl. 8 E04C 2/04	
(71)	 SAINT-GOBAIN PLACO SAS (FRANCE). 3. 	NCE)
(72)	1. VIVIER, Guillaume	4. JONES, Nicholas
(1-)	2. BARRAUD, Thomas	5. YOUNG, Jonathan
	3. DODSON, Valentina	
(73)	1. 2.	
(30)	1. (GB) 1121246.1 - 12-12-2011	
(50)	2. (PCT/EP2012/075251) - 12-12-2012	
	3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) CONSTRUCTION PANEL AND MANUFACTURE THEREOF Patent Period Started From 12/12/2012 and Will end on 11/12/2032

(57) A panel for use in building construction comprises a substrate board having two opposed faces. A lamina is secured to a first one of the faces of the substrate board by means of one or more regions of bonding between the lamina and the board. The one or more regions of bonding cover a total area that is less than 20% of the total interfacial area between the lamina and the board.



PCT

- (22) 16/04/2014
- (21) 0611/2014
- (44) August 2017
- (45) 14/12/2017
- (11) 28358

(51)	Int. Cl. 8 C09J 129/04, 7/00, 131/04 & C08K 5/07, 5/21
(01)	, , ,
(71)	1. VINAVIL S.P.A. (ITALY)
(, =)	2.
	3.
(72)	1. ZANETTA, Tito
(12)	2. CHIOZZA, Fabio
	3. RE, Claudio
(73)	1.
(13)	2.
(30)	1. (IT) MI2011A001898 - 19-10-2011
()	2. (PCT/EP2012/070694) - 18-10-2012
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) WOOD ADHESIVE COMPOSITIONS Patent Period Started From 18/10/2012 and Will end on 17/10/2032

(57) Dispersion of a vinyl homopolymer or copolymer with a high molecular weight, including at least one modified polyvinyl alcohol with a high degree of hydrolysis (>95%) suitable to formulate non-structural thermoplastic wood adhesives with high water resistance according to EN-204/205, heat resistance according to standard EN-14257 exceeding 7 N/mm2, and shelf life exceeding 3 months.



PCT

- (22) 28/04/2014
- (21) 0674/2014
- (44) August 2017
- (45) 13/12/2017
- (11) 28359

(51)	Int. Cl. 8 C10G 1/04 & C10C 3/00
(71)	1. ENI S.P.A. (ITALY) 2. 3.
(72)	 ANDREI, Maria DEL GAUDIO, Lucilla BOZZANO, Giulia, Luisa, Eleonora SLIEPCEVICH, Andrea
(73)	1. 2.
(30)	1. (IT) MI2011A 001977 - 31-10-2011 2. (PCT/IB2012/055849) - 24-10-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS FOR THE RECOVERY OF BITUMEN FROM AN OIL SAND

Patent Period Started From 24/10/2012 and Will end on 23/10/2032

(57) The present invention relates to a process for the recovery of bitumen from an oil sand comprising the following phases in succession: (a) mixing an oil sand with a diluent capable of reducing the viscosity and density of the bitumen contained in said oil sand, obtaining a first mixture (slurry) comprising diluted bitumen; (b) mixing said slurry with a basic aqueous solution (BAS) possibly containing salts to increase its ionic strength, capable of removing said diluted bitumen from said oil sand containing it, obtaining a second mixture (BAS-slurry) which can be separated into (i) a liquid phase comprising said diluted bitumen, a fraction of oil sand free of the bitumen removed and water; (ii) a sediment comprising the remaining fraction of said oil sand free of the bitumen removed, water and residual hydrocarbons which can be eliminated by subsequent washings; (c) separating a liquid phase comprising said diluted bitumen removed, from said BAS- slurry mixture; (d) recovering, from said liquid phase separated in phase (c), the removed diluted bitumen contained therein.



PCT

(22) 28/10/2008

(21) 1771/2008

(44) August 2017

(45) | 14/12/2017

(11) 28360

(51)	Int. Cl. 8 B65B 55/10& A61L 2/18
(71)	1. TETRA LAVAL HOLDINGS & FINANCE S.A. (Switzerland)
	2. 3.
(72)	1. SAEIDIHAGHI, Arash
	2. WADMARK, Olof 3.
(73)	1.
	2.
(30)	1. (SE) 0601507-7 - 07-07-2006
	2. (PCT/SE2007/000464) - 15-05-2007 3.
(74)	MAHMOUD RAGAEY ELDEKY
(12)	Patent

(54) STERILISING MEDIUM, METHOD FOR PREPARING THE STERILISING MEDIUM, METHOD FOR STERILISING PACKAGING MATERIAL FOR FOOD PACKAGING AND THE USE OF A SPREADING AGENT COMPOSITION IN A STERILISING MEDIUM

Patent Period Started From 15/05/2007 and Will end on 14/05/2027

(57) The invention relates to a sterilising medium for sterilisation of packaging material for food packaging containing an aqueous solution of hydrogen peroxide and a spreading agent additive composition, which spreading agent composition comprises a lecithin compound and a non-ionic emulsifier. The invention also relates to a method of preparing the sterilising medium, the method of sterilising a laminated packaging material, or a container thereof, for food packaging and to the use of a lecithin compound together with a non-ionic emulsifier as a spreading agent additive composition in aqueous hydrogen peroxide for the sterilisation of packaging material or containers for food packaging. Publ. Fig. 2-



PCT

- (22) 02/01/2014
- (21) 0007/2014
- (44) August 2017
- (45) 14/12/2017
- (11) 28361

(51)	Int. Cl. 8 C01B 3/28, 31/02, 3/30	
(71)	 BASF SE (GERMANY) LINDE AKTIENGESELLSCHAFT 	(GERMANY)
(72)	 MAAß, Hans-Jürgen GÖKE, Volker MACHHAMMER, Otto GUZMANN, Marcus SCHNEIDER, Christian 	 6. HORMUTH, Wolfgang Alois 7. BODE, Andreas 8. KLINGLER, Dirk 9. KERN, Matthias 10. KOLIOS, Grigorios
(73)	1. 2.	
(30)	1. (DE) 10 2011 106 645.8 - 05-07-2011 2. (PCT/EP2012/002877) - 06-07-2012 3.	
(74)	TAHA HANAFY MAHMOUD	
(12)	Patent	

(54) METHOD FOR THE PARALLEL PRODUCTION OF HYDROGEN AND CARBON-CONTAINING PRODUCTS

Patent Period Started From 06/07/2012 and Will end on 05/07/2032

(57) The invention relates to a method for the parallel production of hydrogen and of one or more carbon-containing products. In the method, hydrocarbons are introduced into a reaction chamber (R) and are thermally decomposed into carbon and hydrogen in the presence of a carbon-rich granulated material (W). The invention is characterised in that at least a portion of the thermal energy necessary for the decomposition of the hydrocarbons is introduced into the reaction chamber (R) Via a gaseous heat transfer medium.



PCT

- (22) 09/02/2011
- (21) 0231/2011
- (44) August 2017
- (45) 17/12/2017
- (11) 28362

(51)	Int. Cl. ⁸ H04S 7/00
(71)	1. FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN
	2. FORSCHUNG E.V (GERMANY) 3.
(72)	1. DISCH, Sascha
()	2. PULKKI, Ville
	3. LAITINEN, Mikko-Ville
	4. ERKUT, Cumhur
(73)	1.
(1-7)	2.
(30)	1. (US) 61/088,505 - 13-08-2008
()	2. (EP) 08018793.3 - 28-10-2008
	3. (PCT/EP2009/005828) - 11-08-2009
(74)	NAHED WADIH RIZK
(12)	Patent

(54) AN APPARATUS FOR DETERMINING A SPATIAL OUTPUT MULTI-CHANNEL AUDIO SIGNAL

Patent Period Started From 11/08/2009 and Will end on 10/08/2029

(57) An apparatus for determining a spatial output multichannel audio signal based on an input audio signal and an input parameter. The apparatus comprises a decomposer for decomposing the input audio signal based on the input parameter to obtain a first decomposed signal and a second decomposed signal different from each other. Furthermore, the apparatus comprises a renderer for rendering the first decomposed signal to obtain a first rendered signal having a first semantic property and for rendering the second decomposed signal to obtain a second rendered signal having a second semantic property being different from the first semantic property. The apparatus comprises a processor for processing the first rendered signal and the second rendered signal to obtain the spatial output multichannel audio signal.



PCT

- (22) 09/02/2011
- (21) 0231/2011
- (44) August 2017
- (45) 17/12/2017
- (11) 28363

(51)	Int. Cl. 8 H04S 7/00
(71)	1. FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN 2. FORSCHUNG E.V (GERMANY)
	3.
(72)	1. DISCH, Sascha
	2. PULKKI, Ville
	3. LAITINEN, Mikko-Ville
	4. ERKUT, Cumhur
(73)	1.
	2.
(30)	1. (US) 61/088,505 - 13-08-2008
()	2. (EP) 08018793.3 - 28-10-2008
	3. (PCT/EP2009/005828) - 11-08-2009
(74)	NAHED WADIH RIZK
(12)	Patent

(54) AN APPARATUS FOR DETERMINING A SPATIAL OUTPUT MULTI-CHANNEL AUDIO SIGNAL

Patent Period Started From 11/08/2009 and Will end on 10/08/2029

(57) An apparatus for determining a spatial output multichannel audio signal based on an input audio signal and an input parameter. The apparatus comprises a decomposer for decomposing the input audio signal based on the input parameter to obtain a first decomposed signal and a second decomposed signal different from each other. Furthermore, the apparatus comprises a renderer for rendering the first decomposed signal to obtain a first rendered signal having a first semantic property and for rendering the second decomposed signal to obtain a second rendered signal having a second semantic property being different from the first semantic property. The apparatus comprises a processor for processing the first rendered signal and the second rendered signal to obtain the spatial output multichannel audio signal.



PCT

- (22) 21/03/2013
- (21) 0475/2013
- (44) August 2017
- (45) 17/12/2017
- (11) 28364

(51)	Int. Cl. 8 A01N 53/12, 47/30
(71)	1. SHAH, Deepak, Pranjivandas (INDIA) 2.
(50)	3. 1. SHAH, Deepak, Pranjivandas
(72)	2. 3.
(73)	1. 2.
(30)	1. (IN) 753/MUM/2012 – 21-03-2012 2. 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) A PESTICIDAL COMPOSITION CONTAINING LAMBDA CYHALOTHRIN AND DIAFENTHIURON Patent Period Started From 21/03/2012 and Will end on 20/03/2032

(57) The present invention relates to a composition comprising an effective amount of lambda cyhalothrin in the range of 0.5% to 12%; an effective amount of diafenthiuron in the range of 15% to 70% wherein the ratio of lambda cyhalothrin to diafenthiuron is in the range of 1:4 to 1:35; and at least one agrochemical excipient.



PCT

- (22) 19/06/2014
- (21) 1018/2014
- (44) August 2017
- (45) 17/12/2017
- (11) 28365

(51)	Int. Cl. 8 F24H 9/20 & H05B 1/02 & G01R 31/28
(71)	1. THERMOWATT S.P.A (ITALY)
	2.
	3.
(72)	1. CAPITANELLI, Claudio
	2.
	3.
(73)	1.
(-)	2.
(30)	1. (IN) AN2011A000168 - 22-12-2011
()	2. (PCT/IB2012/002571) - 30-12-2012
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD AND MEANS FOR CONTROLLING THE INTEGRITY OF AN ELECTRIC RESIS

Patent Period Started From 30/12/2012 and Will end on 29/12/2032

(57) Device for controlling the integrity of one or more insulating layers of a multiple insulation resistance, wherein said one or more insulating layers are consecutive layers confined between the outermost and the innermost sheaths thereof. Said control device is provided with an electrical circuit (20. a; 20. b; 20. c; 20.d) having connection points (A, B) with said outermost and innermost sheaths and, in series with said connection points (A, B), a low voltage current generator and indirect and/or direct (R; 26; disconnecting means of the supply of said multiple insulation resistance. Said current generator is suitable for generating, in the case of degradation of the dielectric power of the one or more consecutive insulating layers, an electrical power and a short-circuit current (Ice) sufficient for activating said indirect and/or direct (R; 26; 30) disconnecting means.



PCT

- (22) 04/11/2013
- (21) 1691/2013
- (44) August 2017
- (45) 17/12/2017
- (11) 28366

(51)	Int. Cl. ⁸ C10G 1/10 & C10B 53/07
(71)	1. OMV REFINING & MARKETING GMBH (AUSTRIA) 2. 3.
(72)	1. HOFER, Wolfgang 2. 3.
(73)	1. 2.
(30)	1. (AT) A 632/2011 - 05-05-2011 2. (PCT/AT2012/000127) - 04-05-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD AND APPARATUS FOR ENERGY-EFFICIENT PROCESSING OF SECONDARY DEPOSITS

Patent Period Started From 04/05/2012 and Will end on 03/05/2032

(57) Method for depolymerizing plastics material, more particularly pre- or post-consumer plastics wastes, by means of heat introduction, wherein the plastics material is melted to form a plastics melt and is degassed before being passed to a depolymerization reactor, the plastics melt being admixed with a solvent comprising a fraction obtained from crude oil, thereby lowering the viscosity of the plastics melt solution supplied to the depolymerization reactor relative to the viscosity of the plastics melt.



PCT

- (22) 10/11/2013
- (21) 1707/2013
- (44) August 2017
- (45) 17/12/2017
- (11) 28367

(51)	Int. Cl. 8 G06Q 20/08, 20/32, 20/40 & G06K 9/18
(71)	1. ITWARU, Mark
()	2.
	3.
(72)	1. ITWARU, Mark
, ,	2.
	3.
(73)	1.
` /	2.
(30)	1. (US) 13/105,803 - 11-05-2011
. ,	2. (US) 13/397,215 - 15-02-2012
	3. (US) 13/397,297 - 15-02-2012
	4. (US) 61/485,075 - 11-05-2011
	5. (CA) 2,741,240 - 27-05-2011
	6. (PCT/CA2012/000223) - 12-03-2012
	7. (PCT/CA2012/000452) - 11-05-2012
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) MOBILE IMAGE PAYMENT SYSTEM USING SHORT CODES Patent Period Started From 11/05/2012 and Will end on 10/05/2032

(57) A Mobile Image Payment System for mobile commerce, which enables a Consumer to use a mobile device to make payments for online, Electronic Media, Print Media and POS Transactions, involving the presentment of a short code. In an embodiment, the Consumer scans the short code that is displayed by a merchant, to initiate a transaction. The system completes the transaction by processing information between a Mobile Payment Client residing on the Consumer's mobile device, a Mobile Payment Interface residing on a Transaction Server, and, in a further embodiment, a Mobile Payment Application residing on a merchant's device or POS terminal. The Consumer's mobile device communicates with a Payment Platform, which communicates with a Merchant Transaction Server in order to process and complete the mobile transaction. The short code of the merchant can be displayed on any product or advertising medium.



PCT

- (22) 13/09/2015
- (21) 1504/2015
- (44) August 2017
- (45) 17/12/2017
- (11) 28368

(51)	Int. Cl. ⁸ A47F 10/06 & B65G 47/57
(71)	1. HEINEMACK GMBH (GERMANY) 2.
	3.
(72)	 MACK, Michael 3.
(73)	1. 2.
(30)	1. (DE) 10 2013 102674.5 - 15-03-2013
()	2. (PCT/DE2014/000128) - 12-03-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CATERING SYSTEM AND METHOD FOR OPERATING A CATERING SYSTEM Patent Period Started From 12/03/2014 and Will end on 11/03/2034

(57) The invention relates to a catering system comprising at least one working area for cooking and/or preparing meals and/or drinks, and at least one guest area, the working area and the guest area being connected via a transport system for meals and/or drinks. The transport system is designed to transport meals and/or drinks from the working area to the guest area and the transport system comprises at least one first transport section, in at least some sections of which the meals and/or drinks are transported from the working area to the guest area by gravity. The invention is characterised in that the transport system has a second transport section situated upstream of the first transport section in a designated transport direction for the meals and/or drinks, the second transport section having an elevator which is designed to transport the meals and/or drinks into a higher position in relation to the guest area. The invention also relates to a method for operating a catering system according to the invention.



PCT

- (22) 02/04/2014
- (21) 0518/2014
- (44) June 2017
- (45) 18/12/2017
- (11) 28369

(51)	Int. Cl. 8 A61M 1/28 & G06F 19/00
(71)	1. LOW, Chin Guan (MALAYSIA)
	2.
	3.
(72)	1. LOW, Chin Guan
	2.
	3.
(73)	1.
. ,	2.
(30)	1. (MY) PI2011004753 - 04-10-2011
(0 0)	2. (PCT/MY2012/000260) - 02-10-2012
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) PERITONEAL DIALYSIS MACHINE Patent Period Started From 02/10/2012 and Will end on 01/10/2032

(57) A peritoneal dialysis machine comprising a blood pressure monitor and a weight scale which are powered by the dialysis machine. The peritoneal dialysis machine records and stores the measurements in the machine of a patient's blood pressure and weight that are taken using the blood pressure monitor and scale. The frequency with which such measurements are recorded is also monitored by the PD machine. If the frequency of recording the measurements does not comply with a predetermined schedule, a local and/or remote alert is generated.



PCT

- (22) 22/10/2014
- (21) 1679/2014
- (44) August 2017
- (45) 19/12/2017
- (11) 28370

(51)	Int. Cl. 8 C12P 7/02, 7/06, 7/24, 7/40, 7/42, 7/46, 7/54, 7/62, 7/64
(71)	1. EVONIK DEGUSSA GMBH (GERMANY) 2. 3.
(72)	 WITTMANN, Eva Maria HAAS, Thomas HAAS, Thomas
(73)	1. 2.
(30)	1. (DE) 10 2012 207 921.1 - 11-05-2012 2. (PCT/EP2013/059608) - 08-05-2013 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) MULTI-STAGE SYNTHESIS METHOD WITH SYNTHESIS GAS Patent Period Started From 08/05/2013 and Will end on 07/05/2033

- (57) The invention relates to a method for producing hydrocarbons substituted with at least one group containing at least one oxygen atom, comprising the steps of
 - A) converting a carbon source comprising at least one carbon source selected from CO2 and CO into acetate and/or ethanol by means of a first microorganism,
 - B) removing the acetate from the first microorganism,
 - c) converting the acetate into a hydrocarbon substituted with at least one group containing at least one oxygen atom by means of a second microorganism, and optionally
 - D) Purifying the hydrocarbon substituted with at least one group containing at least one oxygen atom.



PCT

- (22) 16/07/2012
- (21) 1252/2012
- (44) August 2017
- (45) 19/12/2017
- (11) 28371

(51)	Int. Cl. 8 H04L 5/00 & H04B 1/69	
(71)	1. TELEFONAKTIEBOLAGET LM ERIO 2. 3.	CSSON (PUBL) (SWEDEN)
(72)	 BALDEMAIR, Robert ASTELY, David GERSTENBERGER, Dirk 	4. LARSSON, Daniel 5. PARKVALL, Stefan
(73)	1. 2.	
(30)	1. (US) 61/295,885- 18-01-2010 2. (PCT/SE2011/050052)- 18-01-2011 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) RADIO BASE STATION AND USER EQUIPMENT AND METHODS THEREIN

Patent Period Started From 18/01/2011 and Will end on 17/01/2031

Embodiments herein relate to a method in a user equipment (10) for transmitting uplink control information in time slots in a subframe over a radio channel to a radio base station. The radio channel is arranged to carry uplink control information and the user equipment and radio base station are comprised in a radio communications network. The uplink control information is comprised in a block of bits. The user equipment maps the block of bits to a sequence of complex valued modulation symbols. The user equipment also block spreads the sequence of complex valued modulation symbols across Discrete Fourier Transform Spread - Orthogonal Frequency Division Multiplexing (DFTS-OFDM) symbols. This is performed by applying a spreading sequence to the sequence of complex valued modulation symbols, to achieve a block spread sequence of complex valued modulation symbols. The user equipment further transforms the block-spread sequence of complex valued modulation symbols per DFTS-OFDM symbol. This is performed by applying a matrix that depends on a DFTS- OFDM symbol index and/or slot index to the block-spread sequence of complex valued modulation symbols. The user equipment also transmits the block spread sequence of complex valued modulation symbols that has been transformed over the radio channel to the radio base station.



PCT

- (22) 11/07/2006
- (21) 0652/2006
- (44) August 2017
- (45) 19/12/2017
- (11) 28372

(51)	Int. Cl. 8 C07D 409/14	
(71)	1. BAYER INTELLECTUAL PROPER 2. 3.	ГҮ GMBH (GERMANY)
(72)	 BERWE, Mathias THOMAS, Christian REHSE, Joachim 	4. GROTJOHANN, Dirk
(73)	1. 2.	
(30)	1. (DE) 102004002044.2 - 15-01-2004 2. (PCT/EP2004/014870) - 31-12-2004 3.	
(74)	SOHEER MICHEAL REZK	
(12)	Patent	

(54) PRODUCING 5-CHLORO-N-({(5S)-2-OXO-3-[4-(3-OXO-4-MORPHOLINYL)-PHENYL]-1,3-OXAZOLIDINE-5-YL}-METHYL)-2-THIOPHENE CARBOXAMIDE

Patent Period Started From 31/12/2004 and Will end on 30/12/2024

(57) The present invention relates to a process for preparing 5-chloro-n-({(5S)-2-oxo-3-[4-(3-oxo-4-morpholinyl)-phenyl]-1.3-oxazolidin-5-yl}-methyl)-2-oxiranylmethyl]-1H-isoindole-1.3(2H)- dione. 4(4-aminophenyl)-3-morphplinone and 5-chlorothiophene-2-carbonyl chloride.



PCT

- (22) 11/07/2006
- (21) D1 2006/0652
- (44) August 2017
- (45) 19/12/2017
- (11) 28373

(51)	Int. Cl. 8 C07D 409/14
(71)	1. BAYER INTELLECTUAL PROPERTY GMBH (GERMANY) 2. 3.
(72)	1. BERWE MATHIAS 2. THOMAS, CHRISTIAN 3. REHSE, JOACHIM 4. GROTJOHANN, DIRK
(73)	1. 2.
(30)	1. (DE) 102004002044.2 - 15-01-2004 2. (PCT/EP2004/014870) - 31-12-2004 3.
(74)	SOHEER MICHEAL REZK
(12)	Patent

(54) PRODUCING 5-CHLORO-N-({(5S)-2-OXO-3-[4-(3-OXO-4-MORPHOLINYL)-PHENYL]-1,3-OXAZOLIDINE-5-YL}-METHYL)-2-THIOPHENE CARBOXAMIDE

Patent Period Started From 31/12/2004 and Will end on 30/12/2024

(57) The present invention relates to a process for preparing 5-chloro-n-({(5S)-2-oxo-3-[4-(3-oxo-4-morpholinyl)-phenyl]-1.3-oxazolidin-5-yl}-methyl)-2-oxiranylmethyl]-1H-isoindole-1.3(2H)- dione. 4(4-aminophenyl)-3-morphplinone and 5-chlorothiophene-2-carbonyl chloride.



PCT

- (22) 09/02/2011
- (21) D2 0231/2011
- (44) August 2017
- (45) 19/12/2017
- (11) 28374

(51)	Int. Cl. 8 H04S 7/00
(71)	 FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V (GERMANY) 3.
(72)	 PULKKI, Ville ERKUT, Cumhur LAITINEN, Mikko-Ville DISCH, Sascha
(73)	1. 2.
(30)	1. (US) 61/088,505 - 13-08-2008 2. (EP) 08018793.3 - 28-10-2008 3. (PCT/EP2009/005828) - 11-08-2009
(74)	NAHED WADIH RIZK
(12)	Patent

(54) AN APPARATUS FOR DETERMINING A SPATIAL OUTPUT MULTI-CHANNEL AUDIO SIGNAL

Patent Period Started From 11/08/2009 and Will end on 10/08/2029

(57) An apparatus for determining a spatial output multichannel audio signal based on an input audio signal and an input parameter. The apparatus comprises a decomposer for decomposing the input audio signal based on the input parameter to obtain a first decomposed signal and a second decomposed signal different from each other. Furthermore, the apparatus comprises a renderer for rendering the first decomposed signal to obtain a first rendered signal having a first semantic property and for rendering the second decomposed signal to obtain a second rendered signal having a second semantic property being different from the first semantic property. The apparatus comprises a processor for processing the first rendered signal and the second rendered signal to obtain the spatial output multichannel audio signal.



PCT

- (22) 07/12/2011
- (21) PCT 2051/002011
- (44) August 2017
- (45) 19/12/2017
- (11) 28375

(51)	Int. Cl. ⁸ F25J 3/02	
(71)	1. S.M.E. PRODUCTS LP (UNITED STATES OF AMERICA) 2. ORTLOFF ENGINEERS, LTD. (UNITED STATES OF AMERICA) 3.	
(72)	1. JOHNKE, Andrew, F 2. LEWIS, Larry, W 3. CUELLAR, Kyle, T 4. TYLER, L., Don 5. WILKINSON, John, D 6. LYNCH, Joe, T 7. HUDSON, Hank, M	
(73)	1. 2.	
(30)	1. (US) 12/781,259 - 17-05-2010 2. (US) 12/772,472 - 03-05-2010 3. (US) 12/750,862 - 31-03-2010 4. (US) 13/048,315 - 15-03-2011 5. (PCT/US2010/035121) - 17-05-2010 6. (PCT/US2010/033374) - 03-05-2010 7. (PCT/US2010/029331) - 31-03-2010 8. (PCT/US2011/028872) - 17-03-2011	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) HYDROCARBON GAS PROCESSING Patent Period Started From 17/03/2011 and Will end on 16/03/2031

(57) A process and an apparatus are disclosed for a compact processing assembly to recover C2 components (or C3 components) and heavier hydrocarbon components from a hydrocarbon gas stream. The gas stream is cooled and divided into first and second streams. The first stream is further cooled to condense substantially all of it, expanded to lower pressure, and supplied as top feed to an absorbing means. The second stream is also expanded to lower pressure and fed to the bottom of the absorbing means. A distillation vapor stream from the absorbing means is heated by cooling the gas stream and the first stream. A distillation liquid stream from the absorbing means is fed to a heat and mass transfer means to heat it and strip out its volatile components while cooling the gas stream. The absorbing means and the heat and mass transfer means are housed in the processing assembly.



PCT

- (22) 26/01/2012
- (21) 0138/2012
- (44) August 2017
- (45) 19/12/2017
- (11) 28376

(=4)	T 4 CU 8 A 4 CU D 10/02
(51)	Int. Cl. 8 A61B 10/02
(71)	1. BURESSINIANI, ODOARDO (ITALY)
(11)	2.
	3.
(72)	1. BURESSINIANI, FABIO
	2.
	3.
(73)	1.
(10)	2.
(30)	1. (IT) RM2009A000392 - 27-07-2009
(30)	2. (PCT/IB2010/053407) - 27-07-2010
	3.
-	
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) AUTOMATIC DEVICE FOR TRANSCUTANEOUS BIOPSY Patent Period Started From 27/07/2010 and Will end on 26/07/2030

A device (1) for transcutaneous biopsy comprising a casing (2) consisting of a first half shell (P) and a second half shell (Q) that are fixable to one another, inside said casing (2) there being defined a chamber (3) into which a slide element (E) is slidable in a sliding direction, to the slide element (E) there are connected a first cannula (A), consisting of a first hollow cylindrical body, and a second cannula (C) consisting of a second hollow cylindrical body, said first cannula (A) and said second cannula (C) having a common longitudinal axis (Z) parallel to said sliding direction, said second cannula (C) being inserted inside said first cannula (A), said first cannula (A) being provided, at a distal end thereof, with a locking element (B) suitable for interacting with said second cannula (C), said locking element (B) comprising a third hollow cylindrical body fixed to the inside of said distal end of the first cannula (A), said third hollow cylindrical body being provided, at a proximal end with a pair of notches (B10), said second cannula (C) being provided at a distal en*d thereof with a pair of lamina elements (C10) that are diametrically opposite one another and are suitable for interacting with said pair of notches (B10).



PCT

- (22) 27/02/2012
- (21) PCT2012/000356
- (44) August 2017
- (45) |19/12/2017
- (11) | 28377

(51)	Int. Cl. 8 A61L 27/16	
(71)	1. SERNOVA CORPORATION- (CANDA) 2. 3.	
(72)	 HASILO, Craig LEUSHNER, Justin HAWORTH, Daniel, Nicholas 	 SHOHET, Simon TOLEIKIS, PHILLP, MICHAEL SIROEN, Delfina, Maria, Mazzuca
(73)	1. 2.	
(30)	1. (US) 61/238.011 - 28-08-2009 2. (PCT/US2010/047028) - 27-08-2010 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54)	METHODS AND DEVICES FOR CELLULAR	
	TRANSPLANTATION	
	Patent Period Started From 27/08/2010 and Will end on 26/08/2030	

(57) Devices and methods for transplanting cells in a host body are described. The cell comprises a porous scaffold that allows ingrowth of vascular and connective tissues, a plug or plug system configured for placement within the porous scaffold, and a seal configured to enclose a proximal opening in the porous scaffold. The device may further comprise a cell delivery device for delivering cells into the porous scaffold. The method of cell transplantation comprises a two step process. The device is incubated in the host body to form a vascularized collagen matrix around a plug positioned within the porous scaffold. The plug is then retracted from the porous scaffold, and cells are delivered into the vascularized space created within the porous scaffold.



PCT

- (22) 14/11/2013
- (21) 1760/2013
- (44) August 2017
- (45) 19/12/2017
- (11) 28378

(51)	Int. Cl. ⁸ B61D 15/00
(71)	1. K & K MASCHINENENTWICKLUNGS GMBH & CO. KG (GERMANY) 2.
	3.
(72)	1. DEHMEL, Wolfram Peter
	2.
	3.
(73)	1.
	2.
(30)	1. (DE) 10 2011 101 636.1 - 16-05-2011
	2. (DE) 20 2011 109 502.2 - 23-12-2011
	3. (DE) 10 2012 005 287.1 - 15-03-2012
	4. (PCT/EP2012/059032) - 15-05-2012
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SYSTEM, METHOD AND RAILWAY CARRIAGE FOR THE RAIL-BOUND TRANSPORTATION OF OBJECTS

Patent Period Started From 15/05/2012 and Will end on 14/05/2032

(57) The invention relates to a system and method for the rail-bound transportation of objects, e.g. for delivering or collecting material to and/or from railway working vehicles, comprising several interconnected railway carriages, which respectively comprise at least one conveyor track on which the objects can be driven in a longitudinal manner in relation to the railway carriages and which are designed such that the conveyor tracks join together the interconnected railway carriages. According to the invention, said system comprises conveyor bodies for the objects, said bodies being designed to move from one railway carriage to another railway carriage along the conveyor tracks which are connected one to the other. The invention also relates to suitable railway carriages therefor.



PCT

- (22) 15/12/2017
- (21) 1905/2013
- (44) August 2017
- (45) 19/12/2017
- (11) 28379

(51)	Int. Cl. 8 B22D 11/18 & C21C 5/46 & G01B 21/08 & G01F 23/22
(31)	D22D 11/10 & C21C 5/40 & G01D 21/00 & G01F 25/22
(71)	1. AVEMIS S.A.S. (FRANCE)
(/1)	2.
	3.
(72)	1. DEJEAN, Fabien
, ,	2. DUSSUD, Michel
	3.
(73)	1.
` ′	2.
(30)	1. (FR) 11/55281 - 16-06-2011
	2. (PCT/EP2012/002548) - 15-06-2012
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DEVICE FOR MEASURING SLAG THICKNESS Patent Period Started From 15/06/2012 and Will end on 14/06/2032

- (57) This device, intended for measuring the thickness of a slag on the surface of a liquid metal contained in an ingot mould, comprises:
 - a wire made of electrically conductive material and capable of being eliminated under the effect of the heat at the temperature of the slag, the wire comprising a free end intended to be dipped into the slag,
 - means for feeding the wire, capable of displacing the wire so that its free end dips vertically into the slag according to a predetermined trajectory,
 - measuring means capable of measuring a distance travelled by the free end of the wire during a time interval between two predetermined events when the latter is displaced under the action of the feeding means, and
 - means for controlling said feeding means, the control means comprising detection means, capable of detecting contact between the free end and the surface of the liquid metal.



PCT

- (22) 19/12/2013
- (21) 1948/2013
- (44) August 2017
- (45) | 19/12/2017
- (11) 28380

(51)	Int. Cl. 8 A01N 25/02, A01N 25/04, A01N 3	7/00
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.	
(72)	 DAVE, Hiteshkumar BOUCHER, Raymond E. OUSE, David G 	 MANN, Richard K GIFFORD, James M LIU, Lel
(73)	1. 2.	
(30)	1. (US) 61/499,879 - 22-06-2011 2. (PCT/US2012/043478) - 21-06-2012 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) HERBICIDE EMULSIFIABLE CONCENTRATES WITH BUILT-IN ADJUVANT

Patent Period Started From 21/06/2012 and Will end on 20/06/2032

(57) A herbicidal composition comprising a) from about 25 grams per liter (g/l) to about 225 g/l, with respect to the composition, of an aryloxyphenoxypropionic acid herbicide which is cyhalofop-butyl, fenoxaprop-ethyl, fluazifop-p-butyl, haloxyfop-methyl, haloxyfop-remethyl, metamifop, propaquizafop, quizalofop-p-ethyl, or quizalofop-p-tefuryl.; b) from about 600 g/l to about 950 g/l, with respect to the composition, of a non-petroleum derived built-in adjuvant; and c) from about 10 g/l to about 150 g/l, with respect to the composition, of a surfactant, wherein the surfactant is not an anionic or cationic surfactant; wherein the weight ratio of the herbicide to the non-petroleum derived built-in adjuvant is from about 1:3 to about 1:33, and wherein the composition is an emulsifiable concentrate.



PCT

(22) 21/05/2014

(21) 0812/2014

(44) June 2017

(45) 19/12/2017

(11) 28381

(51)	Int. Cl. 8 C08G 81/02 & C08F 222/38, 220/56, 2/10, 220/06, 226/02
(71)	1. BIOMATRIX INTERNATIONAL LIMITED (CYPRUS) 2. 3.
(72)	1. ZHELDAK, Liudmyla Dmytrivna 2. 3.
(73)	1. 2.
(30)	1. (UA) 2011 13857 - 24-11-2011 2. (PCT/UA2012/000052) - 23-05-2012 3.
(74)	SMAS
(12)	Patent

(54) WATERSOLUBLE LINEAR COPOLYMER Patent Period Started From 23/05/2012 and Will end on 22/05/2032

The invention concerns watersoluble linear heterochain dipolymer having the general formula: (-CH2-CR1R2)n-(R4-NHCO-R5-NHCO-R4)m where R1 can be atom of hydrogen or alkyl CH3, R2 can be COOH, CONH2, (CH3)-COOH depending on the kind of vinyl monomer, R3 is atom of hydrogen or OH group, depending on the kind of divinyl monomer, R4 can be (CH2-CHR3) or (CH2-CHR3-CH2), R5 can be (CH2) or (CH(OH))2, depending on the kind of divinyl monomer, m and n - interrelationships between the vinyl and divinyl monomers, herewith the correlation m/n is within 10 to 100, herewith the sections of the chain in which amide groups -CO-NH- are present, are connected with the similar sections through the H-linkages between the amide and carboxyl groups. Such a substance belongs to polymer of a new structure with different physical- chemical properties. Amide section of the molecule is unique according to its structural properties and according to peculiar intermolecular interactions. Due to the hybridization of nitrogen, carbon and hydrogen atoms in the amine group, this section is almost flat. What is also important is that the hydrogen, connected with the nitrogen atom and oxygen atom in carbon groups are able to create the strong hydrogen linkage. Besides in the mentioned substance the cross-cross-linked net of polymer is not created. Therefore the macromolecule of the substance is hydrophilic 3D matrix which arises on the account of H-linkages between the amide and carboxyl groups of polyamide, which keeps the water environment.



PCT

- (22) 29/04/2013
- (21) 0730/2013
- (44) August 2017
- (45) 19/12/2017
- (11) 28382

(51)	Int. Cl. 8 A61F 6/18
(71)	1. BAYER OY (FINLAND) 2.
	3.
(72)	1. JUTILA, Ilkka 2. LYYTIKAINEN, Heikki
	3.
(73)	1.
(, 0)	2.
(30)	1. (FI) 20106131 - 29-10-2010
(00)	2. (PCT/FI2011/050933) - 26-10-2011
	3.
(74)	SMAS INTELLECTUAL PROPERTY
(12)	Patent

(54) AN INSERTER FOR AN INTRAUTERINE SYSTEM Patent Period Started From 26/10/2011 and Will end on 25/10/2031

(57) The present invention relates to an inserter for an intrauterine system, comprising a handle having a longitudinal opening at its first end, said opening having a longitudinal axis parallel to the longitudinal axis of the inserter, a first end and a second end, a movable slider arranged in said longitudinal opening and having a first end and a second end, a movable plunger, an insertion tube arranged around the plunger having a first end and a second end, with its second end attached to the slider, locking means for reversibly locking the intrauterine system in relation to the plunger via a removal string of the intrauterine system, said locking means being attached to the plunger and being controllable at least by a part or an extension of the slider and/or of the insertion tube or of the handle. A typical inserter according to this invention further comprises movement means, which comprise a rotation part arranged to rotate around a rotation axis that is perpendicular to the longitudinal axis of the inserter, the rotation part being arranged in functional connection with the plunger and with the slider, such that the movement of the slider generates simultaneous movement of the plunger and of the insertion tube along the longitudinal axis of the inserter, in opposite directions.



PCT

(22) 28/02/2011

(21) 0662/2013

(44) **JUNE 2017**

(45) 20/12/2017

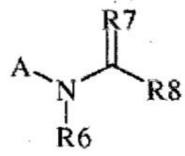
(11) 28383

(51)	Int. Cl. ⁸ A61K 31/4439 & A01P 3/00, 9/00,11/00, & A01H 5/10 & A61K 31/444 & A01N	.13/00,15/00,1700, 19/00, 21/00, 23/00, 7/04, 5/00, 7/02,1/00 25/34 & C07D 401/04, 401/14, 417/14		
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA)			
(72)	1. YAP, Maurice C 2. BUYSSE,AnnM 3. KNUEPPEL, Daniel 4. ZHANG, Yu 5. GARIZI,Negar 6. NIYAZ, Noor Mohamed M 7. LOWE, Christian T	8.HUNTER, Ricky 9. TRULLINGER, Tony 10. DEMETER, David 11. PERNICH,Dan 12. DEAMICIS, Carl 13. ROSS, Ronald 14.JOHNSON, Timothy C.		
(73)	1. 2.			
(30)	1. (US) 61/409,702 - 03-11-2010 2. (PCT/US2011/058578) - 31-10-2011 3.			
(74)	ABD ELHADI OFFICE			
(12)	Patent			

(54)	PESTICIDAL COMPOSITIONS AND PROCESSES RELATED	
	THERETO	
	Patent Period Started From 31/10/2011 and Will end on 1/11/2032	

(57) This document discloses molecules having the following formula (I): and

processes related thereto.





PCT

- (22) 09/07/2013
- (21) 1160/2013
- (44) July 2017
- (45) 20/12/2017
- (11) 28384

(51)	Int. Cl. 8 C01B 25/22, 25/234, 25/46
(71)	1. KINDLY (BEIJING) TECH TRADING CO., LTD. (CHINA) 2. 3.
(72)	1. YANG, Zhanping 2. 3.
(73)	1. 2.
(30)	1. (CN) 201110436529.4 - 23-12-2011 2. (PCT/CN2012/077645) - 27-06-2012 3.
(74)	Abdul Hadi Intellectual Property
(12)	Patent

(54) METHOD OF PRODUCTION TECHNOLOGY FOR GOOD FOOD PHOSPHORIC ACID FROM HYDROCHLORIC ACID Patent Period Started From 27/06/2012 and Will end on 26/06/2032

(57) The present invention discloses a hydrochloric acid process for production of food-grade phosphoric acid, which, based on a hydrochloric acid acidolysis process, utilizes impurity pre-removal and post-removal procedures to remove heavy metal impurities by stages, utilizes tri-butyl phosphate that features with simple composition and stable properties as the extracting agent to accomplish an extraction process and thereby can attain a good extraction result, and incorporates a dilute hydrochloric acid back-wash extraction procedure to achieve a high utilization rate of the extracting agent. Since the entire extraction and back-wash extraction process can be accomplished at normal temperature, the hydrochloric acid process disclosed in the present invention is especially suitable for use in industrial production to produce food-grade phosphoric acid; in addition, the liquid-liquid extraction process is highly controllable, the extraction and impurity removal efficiency is high, and the content of h3po4 in the final phosphoric acid product can be higher than 75wt%, which means the obtained phosphoric acid has high quality and can be used directly in the food industry without any purification. The process disclosed in the present invention is applicable to both lean phosphate ore and rich phosphate ore.



(22) | 15/02/2015 (21) | 0251/2015

(44) June 2017

(45) 20/12/2017

(11) 28385

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(51)	Int. Cl. 8 B22D 1/00 & C21C 5/34, 5/48 &	F27D 3/16
(71)	1. REFRACTORY INTELLECTUAL PR 2. 3.	OPERTY GMBH & CO.KG.(AUSTRIA)
(72)	 PELLEGRINO, Michael TRUMMER, Bernd MOHR, Gerhard 	4. SÜSS, Jennifer 5. BENDER, Andreas
(73)	1. 2.	
(30)	1. (EP) 20-09-2012- 20-09-2012 2. (PCT/EP2013/066486) - 06-08-2013 3.	
(74)	MOHAMED MOHAMED BEKEER	
(12)	Patent	

(54) REFRACTORY CERAMIC GAS PURING PLUG AND A PROCESS FOR MANUFACTURING SAID GAS PURGING PLUG

Patent Period Started From 06/08/2013 and Will end on 05/08/2033

(57) The invention relates to a refractory ceramic gas purging plug ,with a gas inlet at a first end, the so called cold end, a gas outlet at a second end, the so-called hot end and a peripheral surface extending between first and second end.



PCT

- (22) 29/07/2015
- (21) 1326/2015
- (44) August 2017
- (45) 20/12/2017
- (11) 28386

(51)	Int. Cl. 8 A61L 2/03, 2/22
(71)	1. INDUSTRIE DE NORA S.P.A. (ITALY) 2. 3.
(72)	 BENEDETTO, Mariachiara 3.
(73)	1. 2.
(30)	1. (IT) MI2010A000109 - 28-01-2010 2. (PCT/EP2011/051078) - 26-01-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	DEVICE FOR HAND DISINFECTION
	Patent Period Started From 26/01/2011 and Will end on 25/01/2031

(57) The invention relates to a device for hand washing and disinfection by nebulisation of an in-situ electrolysed active solution. The dispensed solution contains active chlorine optionally added with ozone or peroxides.



PCT

- (22) 11/12/2013
- (21) 1892/2013
- (44) August 2017
- (45) 20/12/2017
- (11) 28387

(51)	Int. Cl. 8 C21C 5/44
(71)	1. VESUVIUS CRUCIBLE COMPANY (UNITED STATES OF AMERICA) 2. 3.
(72)	1. REINHART, Jeffrey R 2. 3.
(73)	1. 2.
(30)	1. (US) 61/496,974 - 14-06-2011 2. (PCT/US2012/033265) - 12-04-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) IMPACT PAD Patent Period Started From 12/04/2012 and Will end on 11/04/2032

(57) A tundish impact pad formed from refractory material comprises a base having an impact surface which, in use, faces upwardly against a stream of molten metal entering a tundish, and a wall extending upwardly from the base around at least a part of the periphery of the impact surface. The wall has at least one latitudinal portion. An inwardly-extending feature protrudes from the latitudinal wall. The inwardly-extending feature inhibits flow exiting the impact pad from passing over the center of the latitudinal portion of the wall.



PCT

- (22) 29/03/2012
- (21) 0585/2012
- (44) July 2017
- (45) 20/12/2017
- (11) 28388

(51)	Int. Cl. 8 A61F 13/00
(71)	1. UNI-CHARM CORPORATION (JAPAN)
. /	2.
	3.
(72)	1. MATSUSHIMA, Hideki
	2. SAKAGUCHI, Satoru
	3. OKU, Tomomi
(73)	1.
(-)	2.
(30)	1. (JP) 2009-229091 - 30-09-2009
(= -)	2. (PCT/JP2010/005905) - 30-09-2010
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DISPOSABLE DIAPER Patent Period Started From 30/09/2010 and Will end on 29/09/2032

(57) A disposable diaper 1 includes a side flap 30 and a tape fastener 40. The tape fastener 40 includes a tape attaching part 41 attached to the side flap 30 and exposed at an outer side face of the side flap. The side flap 30 includes a leg periphery side region 301 positioned closer to a leg of a wearer than the tape attaching part 41. The leg periphery side region 301 is foldable upwardly to cover at least partially an end portion of the tape attaching part 41 adjacent the leg of the wearer in response to a stress generated when the tape fastener 40 is engaged, while being pulled, with the other end portion of the inner part in the longitudinal direction.



PCT

(22) 11/06/2013

(21) |0999/2013

(44) August 2017

(45) 20/12/2017

(11) 28389

(51)	Int. Cl. 8 H04L 5/00
(71)	1. TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (SWEDEN)
	2.
	3.
(72)	1. KAZMI, Muhammad
()	2. CUI, Tao
	3.
(73)	1.
(-)	2.
(30)	1. (US) 61/422,388 - 13-12-2010
()	2. (PCT/SE2011/051044) - 31-08-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) EXCHANGE OF PARAMETERS RELATING TO MEASUREMENT PERIODS Patent Period Started From 31/08/2011 and Will end on 30/08/2031

(57) Methods, a first, and a second network node as well as a user equipment for exchange of measurement period related parameters are provided. The user equipment performs a method for measuring at least one measurement quantity on a second cell on a second carrier operated by a second radio network node. The user equipment receives, from the second radio network node, an indication indicative of the second carrier and a first parameter to be used by the user equipment for measuring said at least one measurement quantity. The first parameter relates to at least a first measurement period. The user equipment determines measurement period based on the first parameter. Moreover, the user equipment measures said at least one measurement quantity on at least the second cell on the second carrier over the first measurement period. The second network node performs a method for providing the first parameter to be used by the user equipment. The second network node sends (203), to the user equipment, the first parameter and the indication indicative of the second carrier. The first parameter is determined based on a specific length of the first measurement period.

Arab Republic of Egypt		
Ministry of State for Scientific Research		
Academy of Scientific Research & Technology		
Egyptian Patent Office		



PCT

- (22) 20/04/2015
- (21) 0604/2015
- (44) August 2017
- (45) 20/12/2017
- (11) 28390

(51)	Int. Cl. 8 F25J 1/00, 1/02, 3/02	
(71)	1. AIR PRODUCTS AND CHEMICALS, INC. (UNITED STATES OF AMERICA) 2. 3.	
(72)	 OTT Christopher, Michael GOWRI, Krishnamurthy CHEN, Fei 	4. YANG, Liu 5. ROBERTS, Mark J.
(73)	1. 2.	
(30)	1. (US) 2014/260753 - 24-04-2014 2. 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) INTEGRATED NITROGEN REMOVAL IN THE PRODUCTION OF LIQUEFIED NATURAL GAS USING REFRIGERATED HEAT PUMP

Patent Period Started From 20/04/2015 and Will end on 19/04/2035

(57) A method for liquefying a natural gas feed stream and removing nitrogen therefrom, the method comprising passing a natural gas feed stream through a main heat exchanger to produce a first LNG stream, and separating a liquefied or partially liquefied natural gas stream in a distillation column to form nitrogen-rich vapor product, wherein a closed loop refrigeration system provides refrigeration to the main heat exchanger and to a condenser heat exchanger that provides reflux to the distillation column.



PCT

- (22) 26/04/2010
- (21) 0669/2010
- (44) August 2017
- (45) 20/12/2017
- (11) 28391

(51)	Int. Cl. 8 C08F 10/00, 4/22
(71)	1. PQ SILICAS UK LIMITED 2. 3.
(72)	 MARSDEN, Christine, Elizabeth PARKER, Robert, Joseph 3.
(73)	1. 2.
(30)	1. (GB) 0720983.6 - 26-10-2007 2. (PCT/GB2008/003488)- 15-10-2008 3.
(74)	MAHMOUD RGAEY ELDEKY
(12)	Patent

(54) A METHOD FOR THE PREPARATION OF PRECURSOR CATALYST FOR OLEFINE POLYMERIZATION

Patent Period Started From 15/10/2008 and Will end on 14/10/2028

(57) A method for preparing a catalyst precursor for an olefin polymerization catalyst involves the use of aqueous or alcoholic solutions of a chromium salt and of boric acid and aluminium carboxylate for deposition onto an inorganic support material, such as a silica xerogel. The chromium salt, aluminium carboxylate and boric acid are sufficiently soluble for deposition from a single solution to be effective. The catalyst precursor can be activated by calcination to form a catalyst for homo- or copolymerisation of ?-olefins which has productivity and melt flow index for the resulting polymer or copolymer which is comparable to results obtained with catalysts prepared by prior art organometallic routes. The activation of the catalyst precursor gives reduced levels of toxic or noxious fumes during activation compared to use of organometallic sources of chromium or aluminium.



PCT

- (22) 12/02/2014
- (21) 0201/2014
- (44) | September 2017
- (45) |24/12/2017
- (11) 28392

(51)	Int. Cl. 8 C22B 1/26
(71)	1. ELSAYED MOHAMMAD ELSAYED ABD EL (EGYPT)
	2.
	3.
(72)	1. ELSAYED MOHAMMAD ELSAYED ABD EL
	2.
	3.
(73)	1.
(-)	2.
(30)	1.
(30)	2.
	3.
(74)	ALEXANDRIA UNIVERSITY FOCAL POINT
(12)	Patent

(54) A NEW BLEND FOR THE SINTERING CHARGE OF THE IRON ORES, WITH ONE OF THE SUGAR BEET COMPANIES Patent Period Started From 12/02/2014 and Will end on 11/02/2034

(57) This patent deals with a new blend using one of the sugar beet companies' wastes, specifically the calcareous mud. Nowadays sintering of the iron ores require coke, lime stone and water beside of course the iron ore. As a matter of fact the calcareous produced as a byproduct in the sugar beet companies consists mainly of calcium carbonate i.e. the same active ingredient in the lime stone needed for the sintering process. Beside that calcareous mud contains about 15% of organic matter and some of magnesium oxide. The organic matter will behave as a fuel during the sintering process as the result 10% savings in coke consumption will be achieved while the presence of magnesium oxide will save the use of dolomite in the blast furnace. As a matter of fact the annual production of calcareous mud in the sugar beet companies in Egypt is more than 600 thousand tons per year.



PCT

- (22) 24/11/2014
- (21) 1891/2014
- (44) | September 2017
- (45) 24/12/2017
- (11) | 28393

(51)	Int. Cl. ⁸ B23K 7/00
(71)	 SAMIR MOHAMED YOUSEF KHALIL (EGYPT) ALI ABD-ELGALIL ELASHERAM(EGYPT) MOHAMED ELSAID AHMED ABDEL-KADER(EGYPT)
(72)	1. SAMIR MOHAMED YOUSEF KHALIL 2. ALI ABD-ELGALIL ELASHERAM 3. MOHAMED ELSAID AHMED ABDEL-KADER
(73)	1. 2.
(30)	1. 2. 3.
(74)	ALEX UNIVERCITY
(12)	Patent

(54) AN OXY- GASOLINE CUTTING TORCH WIT FUEL INJECTION Patent Period Started From 24/11/2014 and Will end on 23/11/2034

(57) An oxygen gasoline cutting torch is introduced, which is based on atomizing the gasoline by forcing it under high pressure through an injector before mixing it with oxygen in a mixing tube, where it readily vaporizes before igniting the mixture at the tip of the torch to form the preheating flame. This torch differs from the already existing cutting gasoline torch, which has a capillary tube to transfer the gasoline from the torch valve into the oxygen stream in the torch head. The proposed cutting system consists of a fuel tank, a high-pressure fuel pump, a safety valve, a pressure gauge, hose connections, a control unit to regulate the flow rate of the gasoline, an automotive gasoline injector and a torch body. The torch has been tried in cutting low carbon steel plates, 6, 10 and 15 mm thick. The results showed stable flame, low fuel consumption and high torch performance. The cut surface had good quality compared to that produced from the existing type. Gasoline with different octane numbers can be used.



PCT

- (22) 22/01/2014
- (21) 101/2014
- (44) | September 2017
- (45) 24/12/2017
- (11) 28394

(51)	Int. Cl. 8 C23F 11/10	
(71)	1. MAISSA SALAH EL DIN ESMAIL AHMED 2. INSTITUTE OF GRADUATE STUDIES AND RESEARCH 3. FACULTY OF SCIENCE 4. Alexandria University (Arab Republic of Egypt) 5. Purf. Ferror Vibraria Harbira Al Harrach	
	5. Prof. Essam Khamis Ibrahim Al-Hanash 6. Prof. Mohamed Essam El-Din Al-Rafii 7. Prof. Ashraf Mostafa Abdel-Gaber 8. Dr. Ahmed Mohamed Ahmed Hefnawi	
(72)	 MAISSA SALAH EL DIN ESMAIL AHMED INSTITUTE OF GRADUATE STUDIES AND RESEARCH FACULTY OF SCIENCE Alexandria University (Arab Republic of Egypt) Prof. Essam Khamis Ibrahim Al-Hanash Prof. Mohamed Essam El-Din Al-Rafii Prof. Ashraf Mostafa Abdel-Gaber Dr. Ahmed Mohamed Ahmed Hefnawi 	
(73)	1.	
(30)		
(74)	ALEX UNIVERCITY	
(12)	Patent	

(54) FRIENDLY ENVIRONMENTAL METHOD FOR THE CONTROL OF CORROSION AND DEPOSITION OF SCALE BY HERBAL AND ALGAL EXTRACTS

Patent Period Started From 22/01/2014 and Will end on 21/01/2034

(57) This study seeks to undertake laboratory-based to investigate formulations containing herb (marjoram and arghel), and algal (enteromorpha compressa and pterocladia capillacea) extracts as novel environmentally scale and corrosion inhibitor for simulated cooling water solution. I- antiscalant characteristics 1. Conductivity measurements. 2. Chronoamperometry technique. 3. Electrochemical impedance spectroscopy. 4. The optical and scanning microscopic examinations. 5. Infrared examinations. Ii- anticorrosion characteristics 1. Electrochemical impedance spectroscopy. 2. Potentiodynamic polarization measurements. So, the results indicted that, both types of extracts have a dual function effect as antiscalent and corrosion inhibitor. Making these extracts suitable for use in water recycling with open cooling systems such as oil refining plants, steel mills, paper, chemical andpetrochemical companies.



PCT

- (22) |14/01/2015
- (21) 0056/2015
- (44) | September 2017
- (45) 24/12/2017
- (11) 28395

(51)	Int. Cl. 8 B09B 3/00 & C10B 53/02 & C12P 3/00	
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. LCSM UHP NANCY UNIR	
(72)	3. 1. ALTAF HALIM BASTA MAKKAR 2. HOUSSNI EL-SAIED 3. VANESSA FIERRO	
(73)	4. ALAIN CELZARD 1. 2.	
(30)	1. 2. 3.	
(74)	NATIONAL RESEARCH CENTER- MAGDA MHASSEB ELSAYED	
(12)	Patent	

(54) INNOVATIVE APPROACH FOR PRODUCTION SHAPED ACTIVE CARBON FILTER FROM CULTIVATING RICE WASTES.

Patent Period Started From 14/01/2015 and Will end on 13/01/2035

(57) This invention aims for innovating approach to prepare active carbon in the form of filters, from rice by-products (rice husks and rice straw). This approach avoids the problems of using the binding agent to shape the active carbon in the form of powder, as well as it provides the use of water to free the product from chemicals of activating agents, and wash water from the use of steroids chemical, and not resort to included the special containers to use as filter for masks for purification of water (from the color, smell), or purification of air or gasses. This approach led to produce filter active carbon, has surface area 637 m 2 / g AC, and is characterized by high total porous size, especially micro pore size (0.70 cm 3 / g with respect to total pore size). This feature recommended the application in the field of air purification and gases.



PCT

- (22) 09/04/2013
- (21) 0588/2013
- (44) **September 2017**
- (45) 24/12/2017
- (11) 28396

(51)	Int. Cl. 8 C02F 1/42, 101/20, 1/62
(71)	 Scientific Research and Technological Applications City (Egypt) 3.
(72)	 MARWA FAROUK MAHMOUD ELKADY NOHA ABD EL MONIEM EL ESSAWY .
(73)	1. 2.
(30)	1. 2. 3.
(74)	MAHMOD ELSAID ABD ELLTEF DIAB
(12)	Patent

(54) Synthesis of doped zirconium vanadate in nano-rod morphological structure and its evalution as selective ion exchanger

Patent Period Started From 09/04/2013 and Will end on 08/04/2033

(57) Cesium doped zirconium vanadate in nanorods morphological structure that acts as molecular sieves was fabricated as selective cation exchanger using microwave technology. The material poses ion exchange capacity of 3.54 meq/g. The XRD spectrum indicates high purity and crystallinity of the material. The TEM image showed the molecular sieves structure of the prepared material, where the presences of cesium adjust the formed pores inside the material in one size. The SEM image illustrated that the material was prepared in nano-rod structure with 50nm average diameter. The selectivity of the prepared material for lead ions was 98.7% rather than sodium ion.



PCT

- (22) 08/02/2015
- (21) 0210/2015
- (44) August 2017
- (45) 17/12/2017
- (11) 28397

(51)	Int. Cl. 8 H04W 4/02, 8/18
(71)	1. STONETHROW TELECOMMUNICATIONS LTD (UNITED KINGDOM)
	2. 3.
(72)	1. ABUODEH, Sa'ad
	2. 3.
(73)	1.
(30)	1. (PCT/CA2012/050537) - 07-08-2012
(50)	2.
	3.
(74)	WAGDY NABEH AZIZ
(12)	Patent

(54) SYSTEM FOR AUTOMATICALLY MATCHING A SERVICE REQUESTOR WITH A SERVICE PROVIDER BASED ON THEIR PROXIMITY AND ESTABLISHING A VOICE CALL BETWEEN THEM

Patent Period Started From 07/08/2012 and Will end on 6/08/2032

(57) A system for automatically matching a service requestor with a service provider based on their physical proximity to each other. A client requesting a service (e.g. Taxi service) using a cellular telephone calls an automatic server. The server interfaces with the cellular operator(s) systems and acquires the client's location. The server also regularly keeps track of the locations and availability of pre-registered service providers (e.g. Taxi Cabs) through the same interface with the cellular operator(s). The server then matches the service requestor with a service provider based on the physical proximity of the latter to the former through a matching algorithm. Once the matching is performed, the server establishes a voice call where the service requestor is the call originator (A-Party) and the service provider is the call recipient (B-Party) so both parties can verbally agree on the details of their transaction.



PCT

- (22) 10/01/2011
- (21) 0053/2011
- (44) August 2017
- (45) |24/12/2017
- (11) 28398

(51)	Int. Cl. 8 G01L 19/02, 19/14, 19/04	
(71)	 FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V (GERMANY) 3. 	
(72)	 FUCHS, GUILLAUME LECOMTE, JEREMIE BAYER, STEFAN GEIGER, RALF 	5. MULTRUS, MARKUS 6. SCHULLER, GERALD 7. HIRSCHFELD, JENS
(73)	1. 2.	
(30)	1. (US) 61/079,852 - 11-07-2008 2. (PCT/EP2009/004374) – 17-06-2009 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) APPARATUS AND METHOD FOR ENCODING/DECODING AN AUDIO SIGNAL USING AN ALIASING SWITCH SCHEME Patent Period Started From 17/06/2009 and Will end on 16/06/2029

(57) An apparatus for encoding an audio signal comprises the windower for windowing a first block of the audio signal using an analysis window having an aliasing portion and a further portion. The apparatus furthermore comprises a processor for processing the first sub-block of the audio signal associated with the aliasing portion by transforming the sub-block from a domain into a different domain subsequent to windowing the first subblock to obtain the processed first sub-block, and for processing a second sub-block of the audio signal associated with the further portion by transforming the second sub-block from the domain into the different domain before windowing the second sub-block to obtain a processed second sub-block. The apparatus furthermore comprises a transformer for converting the processed first sub-block and the processed second subblock from the different domain into a further different domain using the same block transform rule to obtain a converted first block which may then be compressed using any of the well-known data compression algorithms. Thus, a critically sampled switch between two coding modes can be obtained, since aliasing portions occurring in two different domains are matched to each other.



PCT

(22) 26/08/2007

(21) | 0900/2007

(44) August 2017

(45) 28/12/2017

(11) 28399

(51)	Int. Cl. 8 E21B 17/042
(71)	1. OMSCO, INC. (UNITED STATES OF AMERICA) 2. 3.
(72)	 WILLIAMSON, JOSEPH, STEPHEN GRANGER, SCOTT, L CHANCEY, ROGER, D
(73)	1. 2.
(30)	1. (PCT/IB2005/000587) - 02-03-2005 2. 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) DRILL STEM CONNECTION Patent Period Started From 02/03/2005 and Will end on 01/03/2025

(57) A double shoulder drill stem connection for high torque applications includes a thread taper within a range between about 1.0 and 1.2 inch per foot. The thread form is characterized by a stab angle between about 35 and 42 degrees and a load angle between about 25 and 34 degrees and by a short thread height with elliptical roots and with crests having an angle which slopes in an opposite direction with respect to the joint centerline from the thread taper. A drill string includes a tool joint having different inner diameters for a substantial axial length to provide enhanced strength in the threaded portion of the joint.



PCT

- (22) 21/04/2015
- (21) 0614/2015
- (44) August 2017
- (45) |24/12/2017
- (11) 28400

(51)	Int. Cl. 8 F25J 3/02		
(71)	1. AIR PRODUCTS AND CHEMICALS, INC (UNITED STATES OF AMERICA) 2. 3.		
(72)	1. FEI CHEN 2. YANG LIU 3. GOWRI KRISHNAMURTHY 4. CHRISTOPHER MICHAEL OTT		
(73)	1. 2.		
(30)	1. (US) 14/260643 – 24-04-2014 2. 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

(54) INTEGRATED NITROGEN REMOVAL IN THE PRODUCTION OF LIQUEFIED NATURAL GAS USING DEDICATED REINJECTION CIRCUIT Patent Period Started From 21/04/2015 and Will end on 20/04/2035

(57) A method and apparatus for liquefying a natural gas feed stream and removing nitrogen therefrom to produce a nitrogen-depleted LNG product, in which a natural gas feed stream is passed through main heat exchanger to produce a first LNG stream, which is separated to form a nitrogen-depleted LNG product and a recycle stream composed of nitrogen-enriched natural gas vapor, and in which the recycle stream is passed through main heat exchanger to produce a first LNG stream, separately from and in parallel with the natural gas feed stream, to produce a first at least partially liquefied nitrogen-enriched natural gas stream that is separated to provide a nitrogen-rich vapor product.



PCT

- (22) 03/10/2015
- (21) | 1550/2013
- (44) August 2017
- (45) 28/12/2017
- (11) 28401

(=4)	L.4 Cl 8
(51)	Int. Cl. 8 B32B 15/04 & B05D 3/02, 5/00
(71)	1. ESCO CORPORATION (UNITED STATES OF AMERICA)
(/1)	2.
	3.
(50)	
(72)	
	2.
	3.
(73)	1.
(10)	2.
(30)	1. (US) 61/472,470 - 06-04-2011
(50)	2. (PCT/US2012/032410)- 05-04-2012
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) HARDFACED WEARPART USING BRAZING AND ASSOCIATED METHOD AND ASSEMBLY FOR MANUFACTURING

Patent Period Started From 05/04/2012 and Will end on 04/04/2032

(57) An article, such as a hardfaced wearpart, includes a substrate, a sheet metal shell connected to the substrate to define a cavity between the surface of the substrate and the shell, and a composite material filling the cavity and forming a coating on at least a portion of the surface of the substrate, the composite material including a hard particulate material infiltrated with a metallic brazing material. The shell may be connected to the substrate by welding or brazing to the substrate, and may wear away during use. The shell and the substrate may be used as part of an assembly for producing the article, where the shell is used as a mold for forming the composite material by filling the shell with the hard particulate material and subsequently infiltrating with the brazing material.



PCT

- (22) 14/01/2014
- (21) 0057/2014
- (44) July 2017
- (45) |24/12/2017
- (11) | 28402

(51)	Int. Cl. 8 H04W 76/04
(71)	1. TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (SWEDEN)
	2.
	3.
(72)	1. OSTERGAARD, Jessica
	2. WITTBERG, Mikael
	3.
(73)	1.
()	2.
(30)	1. (US) 61/522,981 - 12-08-2011
(00)	2. (PCT/SE2012/050490) - 09-05-2012
	3.
(74)	Nahed Wadih Rizk
(12)	Patent

(54) DECIDING WHETHER TO SEND UPLINK CONTROL SIGNALING BASED ON THE ACTIVE TIME STATUS OF A USER EQUIPMENT CONFIGURED WITH DISCONTINUOUS RECEPTION (DRX)

Patent Period Started From 09/05/2012 and Will end on 8/05/2032

(57) A method in a user equipment for deciding whether or not to send an uplink transmission (ie. Channel State Information, CSI, and/or Sounding Reference Signal, SRS) to a radio access network node (Node B) is provided. The user equipment and radio access network node (Node B) are comprised in a communications network. The user equipment is configured with Discontinuous Reception, DRX, to be in active time or not be in active time. The user equipment decides (201) whether or not to send the uplink transmission at a transmission time t, based on whether the user equipment was in active time or not at a predefined earlier time instance relative to the transmission time t.



PCT

- (22) 12/06/2011
- (21) 0966/2011
- (44) August 2017
- (45) 25/12/2017
- (11) 28403

(51)	Int. Cl. 8 F23D 14/58, 14/06
(71)	1. SABAF S.P.A (ITALY)
(71)	2.
	3.
(72)	1. BETTINZOLI, Angelo
` /	2.
	3.
(73)	1.
(-)	2.
(30)	1. (PCT/IT2008/000760) - 12-12-2008
(00)	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) GAS BURNER FOR DOMESTIC COOKERS Patent Period Started From 12/12/2008 and Will end on 11/12/2028

(57) Burner for gas cookers, of the type comprising at least one flame spreader and at least a corresponding lid adapted to define at least partially a transit chamber for a gas - primary air fuel mixture, said at least one flame spreader comprising at least a plurality of radial outlets to feed a plurality of main flames with said fuermixture, and af least one outflow port, placed over said plurality of radial outlets, to feed with said fuel mixture at least one pilot flame, said at least one outflow port being shaped to direct said at least one pilot flame towards said at least one' plurality of radial outlets. The burner further comprises at least one storage chamber for trie' fuel mixture for said at least one pilot flame, placed nearby and in fluidic connection with said at least one outflow port, said storage chamber being fed by one or more inlets disposed in fluidic communication with said transit chamber for the fuel mixture.



PCT

- (22) 06/02/2011
- (21) 0177/2011
- (44) August 2017
- (45) 25/12/2017
- (11) 28404

(51)	Int. Cl. 8 C12N 1/06		
(71)	1. UHDE HIGH PRESSURE TECHNOLOGIES GMBH(Germany) 2. 3.		
(72)	1. DIERKES, Heribert 2. BORK, Michael 3. STEINHAGEN, Volkmar; Karl		
(73)	1. 2.		
(30)	1. (DE) 102008036723.0 - 07-08-2008 2. (PCT/EP2009/005689) - 06-08-2009 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

(54) CELL LYSIS OF PLANT OR ANIMAL STARTING MATERIALS BY A COMBINATION OF A SPRAY METHOD AND DECOMPRESSION FOR THE SELECTIVE EXTRACTION AND SEPARATION OF VALUABLE INTRACELLULAR MATERIALS

Patent Period Started From 06/08/2009 and Will end on 05/08/2029

(57) The invention relates to a cell lysis method for biogenic, suspended starting materials by way of a combination of pressure exertion, spraying and decompression and subsequent selective extraction and separation of valuable cellular materials. At least one storage container is used to provide therein a suspension of a biogenic starting material and at least one further storage container is used to provide a solvent therein. A cell extract is produced in a cell lysis unit and a gas is led through the cell extract in an extraction stage and the gas loaded with the valuable cellular materials is separated from the valuable cellular materials in a separation stage while reducing the pressure. The biogenic starting material suspension is brought to a pressure of 100 to 2500 bar by means of a device for increasing the pressure. The solvent is brought to a pressure of 100 to 2500 bar by means of a device for increasing the pressure. The solvent and the suspension are combined in a conduit under a pressure of 100 to 2500 bar and are mixed to give a solvent mixture. The solvent mixture is sprayed into a container via at least one nozzle which is at a pressure of 100 to 2500 bar and a temperature of 10 to 90?C, said container having a lower pressure.



PCT

- (22) 26/05/2013
- (21) 0898/2013
- (44) | September 2017
- (45) 25/12/2017
- (11) 28405

(51)	Int. Cl. 8 G06G 7/57
(71)	1. PGS GEOPHYSICAL AS (NORWAY) 2. 3.
(72)	1. Stian Hegna 2. Fabien Julliard 3.
(73)	1. 2.
(30)	1. (US) 13/483.327 - 30-05-2012 2. 3.
(74)	MOHAMED KAMEL MOSTAFA
(12)	Patent

(54) METHODS AND SYSTEMS FOR COMPUTING NOTIONAL SOURCE SIGNATURES FROM NEAR-FIELD MEASUREMENTS AND MODELED NOTIONAL SIGNATURES

Patent Period Started From 26/05/2013 and Will end on 25/05/2033

(57) Methods and systems for computing notional source signatures from modeled notional signatures and measured near-field signatures are described. Modeled near-field signatures are calculated from the modeled notional signatures. Low weights are assigned to parts of a source pressure wavefield spectrum where signatures are less reliable and higher weights are assigned to parts of the source pressure wavefield spectrum where signatures are more reliable. The part of the spectrum where both sets of signatures are reliable can be used for quality control and for comparing the measured near-field signatures to modeled near-field signatures. When there are uncertainties in the input parameters to the modeling, the input parameters can be scaled to minimize the differences between measured and modeled near-field signatures. Resultant near-field signatures are computed by a weighted summation of the modeled and measured near-field signatures, and notional source signatures are calculated from the resultant near-field signatures.



PCT

- (22) 22/08/2012
- (21) 1430/2012
- (44) | September 2017
- (45) 27/12/2017
- (11) 28406

(51)	Int. Cl. ⁸ G10L 19/00	
(71)	 FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V (GERMANY) 3. 	
(72)	 WABNIK, Stefan PICKEL, Joerg GREEVENBOSCH, Bert GRILL, Bernhard EBERLEIN, Ernst DEL GALDO, Giovanni i 	7. KRAEGELOH, Stefan 8. ZITZMANN, Reinhard 9. BLIEM, Tobias 10. BREILING, Marco 11. BORSUM, Juliane
(73)	1. 2.	
(30)	1. (EP) 10154956.6 - 26-02-2010 2. (PCT/EP2011/052605)- 22-02-2011 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) WATERMARK SIGNAL PROVISION AND WATERMARK EMBEDDING Patent Period Started From 22/02/2011 and Will end on 21/02/2031

(57) A watermark signal provider for providing a watermark signal suitable for being hidden in an audio signal when the watermark signal is added to the audio signal, such that the watermark signal represents watermark data, is described. The watermark signal provider comprises a psychoacoustical processor for determining a masking threshold of the audio signal; and a modulator for generating the watermark signal from a superposition of sample-shaping functions spaced apart from each other at a sample time interval (Tb) of a time-discrete representation of the watermark data, each sample-shaping function being amplitude-weighted with a respective sample of the time-discrete representation, multiplied by a respective amplitude weight depending on the masking threshold, the modulator being configured such that the sample time interval is shorter than a time extension of the sample-shaping functions; and the respective amplitude weight also depends on samples of the time-discrete representation neighboring the respective sample in time.



PCT

- (22) 11/02/2013
- (21) 0219/2013
- (44) **September 2017**
- (45) 27/12/2017
- (11) 28407

(51)	Int. Cl. 8 H04L 5/00	
(71)	1. TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (SWEDEN) 2. 3.	
(72)	 BALDEMAIR, Robert CHENG, Jung-Fu GERSTENBERGER, Dirk 	4. LARSSON, Daniel 5. PARKVALL, Stefan
(73)	1. 2.	
(30)	1. (US) 61/375,658 - 20-08-2010 2. (PCT/SE2011/050303) - 18-03-2011 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) ARRANGEMENT AND METHOD FOR IDENTIFYING PUCCH3 FORMAT RESOURCES Patent Period Started From 18/03/2011 and Will end on 17/03/2031

(57) The disclosure relates to a user equipment for a wireless communications system, and to a related method for identifying a resource to use for a transmission of control information on a physical uplink control channel, PUCCH3 format. The method comprises receiving a resource index from a serving radio base station, and identifying the resource to use for the transmission of the control information in a subframe based on the received resource index, wherein the identified resource is within a same confined set of physical resource blocks regardless of if a normal or a shortened PUCCH3 format is used in the subframe.



PCT

- (22) 13/08/2013
- (21) 1303/2013
- (44) | September 2017
- (45) 27/12/2017
- (11) 28408

(51)	Int. Cl. 8 G10L 19/02, 19/00, 19/04, 19/14	
(71)	 FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V (GERMANY) 3. 	
(72)	 RAVELLI, Emmanuel GEIGER, Ralf SCHNELL, Markus FUCHS, Guillaume 	 RUOPPILA, Vesa BÄCKSTRÖM, Tom GRILL, Bernhard HELMRICH, Christian
(73)	1. 2.	
(30)	1. (US) 61/442,632 - 14-02-2011 2. (PCT/EP2012/052450)- 14-02-2012 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) APPARATUS AND METHOD FOR ENCODING AND DECODING AN AUDIO SIGNAL USING AN ALIGNED LOOK-AHEAD PORTION

Patent Period Started From 14/02/2012 and Will end on 13/02/2032

An apparatus for encoding an audio signal having a stream of audio samples comprises: a windower for applying a prediction coding analysis window to the stream of audio samples to obtain windowed data for a prediction analysis and for applying a transform coding analysis window to the stream of audio samples to obtain windowed data for a transform analysis, wherein the transform coding analysis window is associated with audio samples within a current frame of audio samples and with audio samples of a predefined portion of a future frame of audio samples being a transformcoding look-ahead portion, wherein the prediction coding analysis window is associated with at least the portion of the audio samples of the current frame and with audio samples of a predefined portion of the future frame being a prediction coding look-ahead portion, wherein the transform coding look-ahead portion and the prediction coding look-ahead portion are identically to each other or are different from each other by less than 20% of the prediction coding look-ahead portion or less than 20% of the transform coding look-ahead portion 206; and an encoding processor for generating prediction coded data for the current frame using the windowed data for the prediction analysis or for generating transform coded data for the current frame using the windowed data for the transform analysis.



PCT

- (22) 28/03/2013
- (21) 0523/2013
- (44) | September 2017
- (45) 27/12/2017
- (11) 28409

(51)	Int. Cl. 8 A62D 1/00	
(71)	 TYCO FIRE PRODUCTS LP (UNITED STATES OF AMERICA) 3. 	
(72)	 BOWEN, Martina, E. XIE, Yuan HAVELKA-RIVARD, Pamela, A. 	
(73)	1. 2.	
(30)	1. (US) 61/389,027 - 01-10-2010 2. (PCT/US2011/054628) - 03-10-2011 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) AQUEOUS FIRE-FIGHTING FOAMS WITH REDUCED FLUORINE CONTENT Patent Period Started From 03/10/2011 and Will end on 02/10/2031

(57) Aqueous film forming firefighting composition concentrates are provided that contain an effective amount of a monomelic zwitterionic or anionic C6 perfluoroalkyl surfactant having a molecule weight less than 800 daitons. The compositions also contain an effective amount of a foam stabilizing agent, and an effective amount of at least one non-fluorinated surfactant. The composition has less than 0.8 % F, and is substantially free of any surfactant containing a perfluoroalkyl group containing more than 6 carbon atoms. The composition meets Military Specification MIL-F-24385F.



PCT

- (22) 10/11/2011
- (21) 0052/2011
- (44) **September 2017**
- (45) |27/12/2017
- (11) 28410

(51)	Int. Cl. 8 G10L 11/00, 19/14		
(71)	 FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V (GERMANY) 3. 		
(72)	 FUCHS, Guillaume BAYER, Stefan NAGEL, Frederik HIRSCHFELD, Jens RETTELBACH, Nikolaus 	6. WABNIK, Stefan 7. YOKOTANI, Yoshikazu 8. HIRSCHFELD, Jens 9. LECOMTE, Jérémie	
(73)	1. 2.		
(30)	1. (US) 61/079,875 - 11-07-2008 2. (PCT/EP2009/004339)- 16-06-2009 3.		
(74)	NAHED WADIH RIZK		
(12)	Patent		

(54) METHOD AND DISCRIMINATOR FOR CLASSIFYING DIFFERENT SEGMENTS OF A SIGNAL Patent Period Started From 16/06/2009 and Will end on 15/06/2029

(57) For classifying different segments of a signal which comprises segments of at least a first type and second type, e.g. audio and speech segments, the signal is short- term classified on the basis of the at least one short-term feature extracted from the signal and a short- term classification result is delivered. The signal is also long-term classified on the basis of the at least one short-term feature and at least one long-term feature extracted from the signal and a long-term classification result is delivered. The short-term classification result and the long-term classification result are combined to provide an output signal indicating whether a segment of the signal is of the first type or of the second type.



PCT

- (22) 30/10/2012
- (21) 1834/2012
- (44) | September 2017
- (45) 27/12/2017
- (11) 28411

(51)	Int. Cl. 8 H04L 5/00
(71)	1. TELEFONAKTIEBOLAGET L M ERICSSON (SWEDEN)
	2.
	3.
(72)	1. PARKVALL, Stefan
	2. HOYMANN, Christian
	3.
(73)	1.
()	2.
(30)	1. (US) 61/330,580 - 03-05-2010
(00)	2. (PCT/EP2011/057053) - 03-05-2011
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) RELAY METHOD AND NODES IN A RADIO COMMUNICATION SYSTEM

Patent Period Started From 03/05/2011 and Will end on 02/05/2031

(57) The present invention generally relates to radio communication systems, relay nodes, controller nodes, user equipment (user terminals), software and methods for said systems and nodes. In one embodiment, a method for operating a control node for a wireless communication system is provided. The method comprises the steps: creating a data frame comprising an early part and a later part, wherein the early part comprises first control data for controlling a receiving node; checking whether second control data are to be put into the later part; scheduling payload data for the receiving node into the later part if second control data are not to be put into the later part; and transmitting the data frame to the receiving node.



PCT

- (22) 10/01/2011
- (21) 0054/2011
- (44) **September 2017**
- (45) 27/12/2017
- (11) 28412

(51)	Int. Cl. 8 G01L 21/02	
(71)	 FRAUNHOFER-GESELLSCHAFT ZUI FORSCHUNG E.V (GERMANY) 	R FORDERUNG DER ANGEWANDTEN
(72)	 NAGEL, Frederik DISCH, Sascha RETTELBACH, Nikolaus NEUENDORF, Max 	5. GRILL, Bernhard6. KRÄMER, Ulrich7. WABNIK, Stefan
(73)	1. 2.	
(30)	1. (US) 61/079,839 - 11-07-2008 2. (US) 61/103,820 - 08-10-2008 3. (PCT/EP2009/004451) - 19-06-2009	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) AUDIO SIGNAL SYNTHESIZER AND AUDIO SIGNAL ENCODER

Patent Period Started From 19/06/2009 and Will end on 18/06/2029

In accordance with a first aspect of the invention, an audio signal synthesizer generates a synthesis audio signal having a first frequency band and a second synthesized frequency band derived from the first frequency band. The audio signal synthesizer comprises a patch generator, a spectral converter, a raw signal processor and a combiner. The patch generator performs at least two different patching algorithms, wherein each patching algorithm generates a raw signal having signal components in the second synthesized frequency band using an audio signal having signal components in the first frequency band. The patch generator is adapted to select one of the at least two different patching algorithms in response to a control information for a first time portion and the other of the at least two different patching algorithms in response to the control information for a second time portion different from the first time portion to obtain the raw signal for the first and the second time portion. The spectral converter converts the raw signal into a raw signal spectral representation. The raw signal processor processes the raw signal spectral representation in response to spectral domain spectral band replication parameters to obtain an adjusted raw signal spectral representation. The combiner combines an audio signal having signal components in the first band or a signal derived from the audio signal with the adjusted raw signal spectral representation or with a further signal derived from the adjusted raw signal spectral representation to obtain the synthesis audio signal.



PCT

- (22) 15/08/2011
- (21) 1365/2011
- (44) | September 2017
- (45) 27/12/2017
- (11) 28413

(51)	Int. Cl. ⁸ F25J 3/00	
(71)	1. ORTLOFF ENGINEERS, LTD (UNITE 2. 3.	D STATES OF AMERICA)
(72)	 JOHNKE, Andrew, F. LEWIS, W., Larry WILKINSON, John, D 	4. LYNCH, Joe, T 5. HUDSON, Hank, M 6. CUELLAR, Kyle, T.
(73)	1. 2.	
(30)	1. (US) 12/372,604 - 17-02-2009 2. (US) 61/186,361 - 11-06-2009 3. (PCT/US2010/021364) - 19-01-2010	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) HYDROCARBON GAS PROCESSING Patent Period Started From 19/01/2010 and Will end on 18/01/2030

(57) A process and an apparatus are disclosed for the recovery of ethane, ethylene, propane, propylene, and heavier hydrocarbon components from a hydrocarbon gas stream in a compact processing assembly.



PCT

- (22) 22/08/2012
- (21) | 1431/2012
- (44) | September 2017
- (45) 27/12/2017
- (11) 28414

(51)	Int. Cl. 8 G10L 10/00
(71)	 FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V (GERMANY) 3.
(72)	1. ZITZMANN, Reinhard 2. ABNIK, Stefan 3. PICKEL, Joerg 4. GREEVENBOSCH, Bert 5. GRILL, Bernhard 6. EBERLEIN, Ernst 7. DEL GALDO, Giovanni 8. KRAEGELOH, Stefan 9. BLIEM, Tobias 10. BREILING, Marco 11. BORSUM, Juliane
(73)	1. 2.
(30)	 (EP) 10154948.3 - 26-02-2010 (PCT/EP2011/052694) - 23-02-2011
(74)	NAHED WADIH RIZK
(12)	Patent

(54) WATERMARK SIGNAL PROVIDER AND METHOD FOR PROVIDING A WATERMARK SIGNAL Patent Period Started From 23/02/2011 and Will end on 22/02/2031

A watermark signal provider for providing a watermark signal in dependence on a time frequency-domain representation of watermark data, in which the time-frequencydomain representation comprises values associated to frequency subbands and bit intervals, the watermark signal provider comprises a time-frequency-domain waveform provider to provide time-domain waveforms for a plurality of frequency subbands, based on the time- frequency-domain representation of the watermark data. The timefrequency-domain waveform provider is configured to map a given value of the timefrequency-domain representation onto a bit shaping function. A temporal extension of the bit shaping function is longer than the bit interval associated to the given value of the time-frequency-domain representation, such that there is a temporal overlap between bit shaped functions provided for temporally subsequent values of the timefrequency-domain representation of the same frequency subband. A time-domain waveform of a given frequency subband contains a plurality of bit shaped functions provided for temporally subsequent values of the time- frequency-domain representation of the same frequency band. The water mark signal provider further comprises a time-domain waveform combiner, to combine the provided time-domain waveforms for the plurality of frequencies of the time-frequency-domain provider to derive the watermark signal.



PCT

- (22) 11/06/2012
- (21) 1063/2012
- (44) **September 2017**
- (45) 27/12/2017
- (11) 28415

(51)	Int. Cl. 8 H04L 1/18, 5/00 & H04W 72/14	
(71)	1. TELEFONAKTIEBOLAGET L M ER 2. 3.	ICSSON (PUBL) (SWEDEN)
(72)	 ABRAHAMSSON, Richard BOSTROM, Lisa LINDSTROM, Magnus 	4. JONGREN, George
(73)	1. 2.	
(30)	1. (US) 61/389,437 - 04-10-2010 2. (PCT/SE2011/050929) - 08-07-2011 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) METHODS AND ARRANGEMENTS IN A TELECOMMUNICATION SYSTEM Patent Period Started From 08/07/2011 and Will end on 07/07/2031

(57) The present invention relates to a method and arrangement for controlling re-transmission in a user equipment supporting uplink spatial multiplexing. The method comprises the steps of - detecting an uplink grant on a physical downlink control channel, the uplink grant being valid for at least one transport block; - detecting that at least one transport block is disabled, such that no grant is associated with the at least one transport block; and interpreting the at least one disabled transport block as an acknowledgement, ACK, of previous transmission corresponding to said disabled transport block irrespective of which indication is received on the reception status feedback channel for said previous transmission.



PCT

- (22) 03/05/2013
- (21) PCT2013/001675
- (44) | September 2017
- (45) 27/12/2017
- (11) | 28416

(51)	Int. Cl. 8 C05K 67/03, 3/04 & B82Y 30/00
(71)	 THE BOARD OF REGENTS FOR OKLAHOMA STATE UNIVERSITY (UNITED STATES OF AMERICA) 3.
(72)	1. HANAN, Jay, Clarke 2. 3.
(73)	1. 2.
(30)	1. (US) 61/482,048 - 03-05-2011 2. (PCT/US2012/036376) - 03-05-2012 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) POLYETHYLENE TEREPHTHALATE-GRAPHENE NANOCOMPOSITES Patent Period Started From 03/05/2011 and Will end on 02/05/2031

(57) A nanocomposite material comprises polyethylene terephthalate (PET) as a base polymer and a nanoparticle that increases the strength of the base polymer.



PCT

(22) 31/07/2013

(21) | 1250/2013

(44) **September 2017**

(45) 27/12/2017

(11) 28417

(51)	Int. Cl. ⁸ G10L 19/00, 19/06	
(71)	 FRAUNHOFER-GESELLSCHAFT ZUR I FORSCHUNG E.V. (GERMANY) TECHNISCHE UNIVERSITAT ILMENA 	
(72)	 LECOMTE, Jérémie DIETZ, Martin SCHNABEL, Michael 	4. SPERSCHNEIDER, Ralph
(73)	1. 2.	
(30)	1. (US) 61/442,632 - 14-02-2011 2. (PCT/EP2012/052395) - 13-02-2012 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) APPARATUS AND METHOD FOR ERROR CONCEALMENT IN LOW-DELAY UNIFIED SPEECH AND AUDIO CODING (USAC) Patent Period Started From 13/02/2012 and Will end on 12/02/2032

(57) An apparatus for generating spectral replacement values for an audio signal is provided. The apparatus comprises a buffer unit for storing previous spectral values relating to a previously received error-free audio frame. Moreover, the apparatus comprises a concealment frame generator for generating the spectral replacement values, when a current audio frame has not been received or is erroneous. The previously received error-free audio frame comprises filter information, the filter information having associated a filter stability value indicating a stability of a prediction filter. The concealment frame generator is adapted to generate the spectral replacement values based on the previous spectral values and based on the filter stability value.



PCT

- (22) 20/12/2012
- (21) 2098/2012
- (44) December 2017
- (45) 27/12/2017
- (11) 28418

(51)	Int. Cl. ⁸
(71)	1. ESSAM MAHER KHALED AWAD (EGYPT)
(72)	1. ESSAM MAHER KHALED AWAD
(73)	1.
(30)	1.
(74)	
(12)	Patent

(54)	Remot control device in public lighting columns to rationalize
	consumption
	Patent Period Started From 20/02/2012 and Will end on 19/02/2032

(57)

This design device to carry out a control in public lighting columns, and in order to save the consumption in public lighting

by connecting the output income photo cells to the input device, and divide lighting columns into three parts

as follow:-

at first light the first one of the third lighting columns for a certain period of time can be controlled after that feeding move to light the second one of the third lighting column



PCT

(22) 14/06/2012

(21) 1103/2012

(44) June 2017

(45) 28/12/2017

(11) | 28419

(51)	Int. Cl. 8 A01H 5/00 & C12N 15/29, 15/82
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	 RUSSELL, Sean PETOLINO, Joseph F 3.
(73)	1. 2.
(30)	1. (US) 61/297,628 - 22-01-2010 2. (PCT/US2011/022135) - 21-01-2011 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) EXCISION OF TRANSGENES IN GENETICALLY MODIFIED ORGANISMS

Patent Period Started From 21/01/2011 and Will end on 20/01/2031

(57) A method for deleting a region of DNA in a plant. In some embodiments, the method comprises transforming a plant with a nucleic acid molecule, wherein the nucleic acid molecule encodes one or more zinc finger nuclease(s) (ZFNs) operably linked to one or more tissue specific promoter(s), e.g., a pollen specific promoter. Methods include excising native genes in a plant. Accordingly, in some embodiments, ZFNs are engineered that recognize sequences that flank native plant genes. In further embodiments, ZFNs are expressed under the control of developmental stage specific promoters, such that, for example, nucleic acid sequences are specifically excised in plants during relatively late stages of development. Nucleic acid molecules useful for carrying out disclosed methods and plants produced by the methods are included.



PCT

(22) 07/11/2013

(21) 1701/2013

(44) July 2017

(45) 28/12/2017

(11) 28420

(51)	Int. Cl. ⁸ F24J 2/24, 2/46
(71)	1. ALSTOM TECHNOLOGY LTD. (SWITZERLAND) 2.
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(72)	1. PAYNE, Ronald G.,
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(73)	1.
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(30)	1. (US) 13/675143 - 13-11-2012
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	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) SOLAR BOILER PANEL ARRANGEMENT Patent Period Started From 07/11/2013 and Will end on 06/11/2033

(57) A solar boiler 300 includes first and second primary receiver panels 500, 600 spaced apart by a gap 700. Each panel 500, 600 include a plurality of primary boiler tubes 510, 610 for receiving solar flux. The boiler 300 includes at least one secondary receiver arrangement 800 disposed across the gap 700 for receiving solar flux incident thereacross. The arrangement 800 includes at least one secondary boiler tube 810, and at least one support member 820 supported thereto. The arrangement 800 is configured relative to the primary panels 500, 600 such that endmost primary boiler tubes 510a, 610a are supported over the support member 820 in spaced relation ?S? to the secondary boiler tube 810 for enabling transverse and lateral thermal expansion of the tubes 510, 610, 810 without bending out. Further, a panel joining attachment 900 is provided for attaching the panels 500, 600 and the arrangement 800.



PCT

- (22) 23/03/2014
- (21) | 0450/2014
- (44) Juan 2017
- (45) 28/12/2017
- (11) 28421

(51)	Int. Cl. 8 B26B 21/40
(71)	1. THE GILLETTE COMPANY (UNITED STATES OF AMERICA)
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(72)	1. WAIN, Kevin, James
	2. WESTER, Christian, Reber
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(73)	1.
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(30)	1. (US) 61/541,692 - 30-09-2011
	2. (PCT/US2012/057833) - 28-09-2012
	3.
(74)	OFFICE DIB LAWYERS
(12)	Patent

(54) GUARD FOR A SHAVING RAZOR Patent Period Started From 28/09/2012 and Will end on 27/09/2032

(57) A shaving cartridge with a housing, cap at a rear of the housing, one or more blades mounted to the housing in front of the cap, and a guard at a front of the housing. The guard has a top surface with a plurality of undulating rows extending parallel to the blade. The undulating rows have crests and valleys. The valleys comprise an elastomeric material and are stepped from a front of the guard to a rear of the guard.

Arab Republic of Egypt		
Ministry of State for Scientific Research		
Academy of Scientific Research & Technology		
Egyptian Patent Office		



PCT

- (22) 31/03/2015
- (21) | 0483/2015
- (44) Juan 2017
- (45) 28/12/2017
- (11) 28422

(51)	Int. Cl. 8 A23L 1/015, 1/10, 1/182
(71)	1. UNIVERSITA DE GLI STUDI FOGGIA (UNITED STATES OF AMERICA)
	2.
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(72)	1. DI LUCCIA, Aldo
, ,	2. LAMACCHIA, Carmela
	3. GIANFRANI, Carmela
(73)	1.
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(30)	1. (IT) RM2012A000468 - 02-10-2012
, ,	2. (PCT/IB2013/000797) - 29-04-2013
	3.
(74)	OFFICE DIB LAWYERS
(12)	Patent

(54) METHOD FOR THE DETOXIFICATION OF GLUTEN PROTEINS FROM GRAINS OF CEREALS

Patent Period Started From 29/04/2013 and Will end on 8/04/2033

(57) The method allows to obtain gluten detoxified flours suitable for the preparation of bakery products and pasta made from wheat. With the use of the method gluten proteins undergo structural changes that do not activate in patients suffering from celiac disease, the cascade of inflammatory cytokines. Such structural changes, in addition, do not affect the technical properties of the flours that form the dough, therefore allowing the preparation of detoxified products, similar in taste and appearance to those commonly used in Mediterranean diet and which are intended not only for the people who suffer from intolerance to gluten, but for the whole population. The widespread use of such detoxified products in large part of the population has the purpose, in a totally innovative way, to provoke the reduction of gluten's effects in people's health and therefore to the decrease in the incidence of celiac disease.



PCT

(22) 02/022014/

(21) 0148/2014

(44) June 2017

(45) 28/12/2017

(11) 28423

(51)	1) Int. Cl. ⁸ C07C 7/00, 7/04, 7/11 & C10G 70/04		
(71)	1. LINDE AKTIENGESELLSCHAFT (GERMANY)		
, ,	2.		
	3.		
(72)	2) 1. PHAM DUC, Tuat 4. WALTER, Stefanie		
	2. SCHMIDT, Gunther		
	3. SCHMIGALLE, Holger		
(73)	3) 1.		
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(30)	(i) 1. (DE) 10 2011 110 003.6 - 11-08-2011		
(00)	2. (EP) 11009115.4 - 17-11-2011		
	3. (PCT/EP2012/003299) - 02-08-2012		
(74)	4) Abdul Hadi Intellectual Property		
(12)	2) Patent		

(54) SEPARATION SEQUENCE FOR HYDROCARBONS FROM A GENTLE THERMAL CLEAVAGE

Patent Period Started From 02/08/2012 and Will end on 01/08/2032

(57) The invention describes a method for separating hydrocarbons in an installation for generating hydrocarbons from a hydrocarbon-containing charge by cleavage, wherein the product gas of the cleavage, which is produced as the raw gas and which contains gaseous hydrocarbons is compressed (2a) and dried (5a,5b), and supplied as charge material into a separation stage (hereafter referred to as front end C3/C4 separation), in which the raw gas is separated into a hydrocarbon fraction consisting of hydrocarbons having a maximum of 3 carbon atoms and a hydrocarbon fraction consisting of hydrocarbons having at least 4 carbon atoms, wherein the front end C3/C4 separation comprises, in terms of process technology, a C4 absorber and a depropanizer, wherein a hydrocarbon fraction consisting of hydrocarbons having a maximum of 3 carbon atoms is obtained as a gaseous overhead product of the C4 absorber, and wherein a liquid hydrocarbon fraction consisting of hydrocarbons having at least 4 carbon atoms is obtained as a bottom product of the depropanizer, characterized in that the front end C3/C4 separation comprises an additional process technological C2/C4 separation stage, wherein the C2/C4 separation step is arranged between the C4 absorber and the depropanizer.



PCT

- (22) 09/06/2014
- (21) 0931/2014
- (44) Juan 2017
- (45) 28/12/2017
- (11) 28424

(51)	Int. Cl. 8 B26B 19/40, 21/44
(71)	1. THE GILLETTE COMPANY IIC (UNITED STATES OF AMERICA) 2. 3.
(72)	 XU, Xiaolan WAIN, Kevin James Was a series of the series of t
(73)	1. 2.
(30)	1. (PCT/CN2011/083780) - 09-12-2011 2. 3.
(74)	Amr Mofed El Deeb
(12)	Patent

(54) REPLACEABLE FLUID DISPENSING CARTRIDGE Patent Period Started From 09/12/2011 and Will end on 08/12/2031

(57) A replaceable fluid dispensing cartridge for a liquid dispensing razor having a fluid interconnect member with a pivotable support member and a base member with a fluid port and an engagement surface for removably and fixedly mating to a corresponding engagement member of a handle. A cartridge housing is mounted to the pivotable support member. The cartridge housing has a guard, a cap, and at least one blade between the cap and the guard. A fluid applicator defining an opening is fixedly joined to the interconnect member.



PCT

- (22) 17/03/2014
- (21) 0423/2014
- (44) July 2017
- (45) 28/12/2017
- (11) 28425

(51)	Int. Cl. ⁸ B41J 2/175	
(71)	1. SEIKO EPSON CORPORATION (JAPAN)	
	2. 3.	
(72)	1. KODAMA, Hidetoshi	5. HARADA, Kazumasa
	2. NOZAWA, Izumi	6. NAKATA, Satoshi
	3. MIZUTANI, Tadahiro	7. KAWATA, Hidetaka i
	4. MATSUZAKI, Kazutoshi	
(73)	1.	
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	(08) 13/410,401 - 02-03-2012	
	0 (05) 13/410,470 - 02-03-2012	
	(US) 13/410,528 - 02-03-2012	
	10 (03) 2012-107030 - 30-00-2012	
	(PC1/JP2012/001395) - 01-03-2012	
	(PCT/JP2012/008314) - 26-12-2012	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) CARTRIDGE AND PRINTING MATERIAL SUPPLY SYSTEM Patent Period Started From 26/12/2012 and Will end on 25/12/2032

(57) A cartridge comprises an ink supply structure, a terminal bearing structure, and a first restriction portion. The terminal bearing structure has terminals arranged in a terminal plane which is neither parallel nor perpendicular to a plane defined by a mounting direction leading edge of the ink supply structure, so that the contact portions of the terminals receive a force in a direction opposite (RD) from the mounting direction. An engagement portion of the first restriction portion is provided at a position adjacent to the terminal bearing structure.



PCT

- (22) 24/11/2013
- (21) 1795/2013
- (44) August 2017
- (45) 31/12/2017
- (11) 28426

(51)	Int. Cl. 8 A01P 3/00 & A01N 37/50, 43/40, 47/24, 43/88, 43/16, 43/56, 43/76, 43/50
(71)	1. ISHIHARA SANGYO KAISHA, LTD (JAPAN) 2. 3.
(72)	 SUGIMOTO, Koji SUZUKI, Takanori YAMAMOTO, Koudai
(73)	1. 2.
(30)	1. (JP) 2011-117097 - 25-05-2011 2. (PCT/JP2012/064253) - 25-05-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) AGRICULTURAL OR HORTICULTURAL FUNGICIDE COMPOSITION AND METHOD FOR CONTROLLING PLANT PATHOGEN

Patent Period Started From 25/05/2012 and Will end on 4/05/2032

(57) A composition having a stable and high fungicidal effect against a cultivated crop infected by a plant pathogen is provided. An agricultural or horticultural fungicide composition containing, as active ingredients, (a) fluazinam or its salt and (b) a strobilurin compound or its salt is provided; in addition, a method for controlling a plant pathogen by applying the subject agricultural or horticultural fungicide composition to a plant or a soil is provided; and furthermore, a method for controlling a plant pathogen by applying (a) fluazinam or its salt and (b) a strobilurin compound or its salt to a plant or a soil is provided.

Arab Republic of Egypt

Ministry of State for Scientific Research Academy of Scientific Research & Technology



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN JANUARY 2018"

Egyptian Patent Office

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Preface

We are on the verge of a new era which is founded on the basis of technological development and hence, we have to follow it in all fields of national development. Technology has become the basis for the increase in national income and production and hence, scientific research has become our real hope as a way for advancement and as a necessity for life.

Emerging from the responsibility of the Academy of Scientific Research and Technology towards strengthening the pillars of science and technology, I have the pleasure to introduce the Granted Patent's Abstracts of the Publication of Patents monthly, Which includes bibliographical data. This periodical is directed to all those interested in the vital field of Intellectual property which encompasses patents, innovations and creative works.

I hope that this publication meets its targeted objective, namely increasing the welfare, prosperity and advancement for our beloved country, Egypt.

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

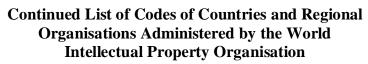
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Patent Kind	12
Application Number	21
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Priority Number	
Priority Date	30
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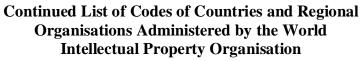
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IE	Ireland



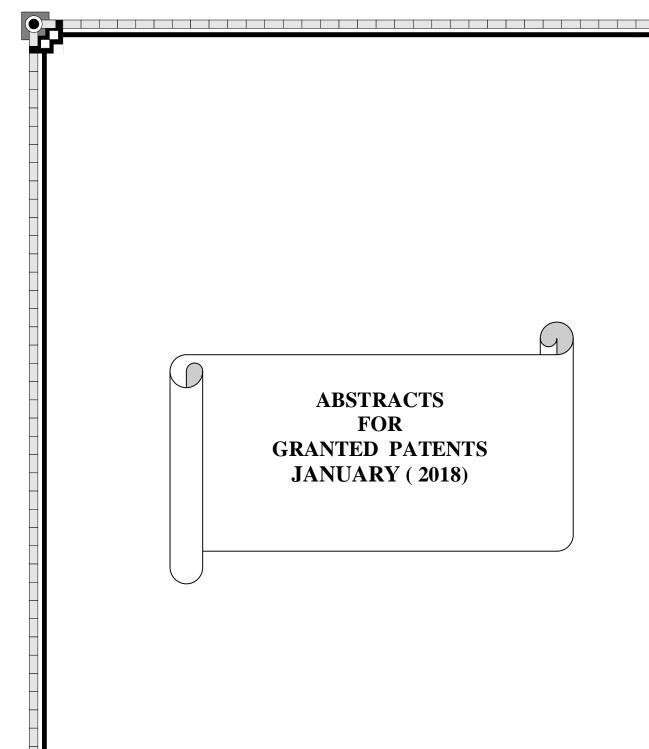
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IR	Iran
IS	Iceland
IT	Italy
JO	Jordan
JP	Japan
KE	Kenya
KG	Kyrgyzstan
KM	COMOROS
KN	Saint Kitts and Nevis
KP	D. P's. R. of Korea
KR	Republic of Korea
KW	Kuwait
KZ	Kozakhstan
LA	LAO PEOPLE'S DEMOCRATIC REPUBLIC
LB	Lebanon
LC	Sant Lucia
LI	Liechtenstein
LK	Sirlanka
LR	Liberia
LS	Lesotho
LT	Lithuania
LU	Luxembourg
LV	Latvia
LY	Libyan Arab Jamahirya
MA	Moracco
MC	Monaco
MD	Republic of Moldova
ME	Montenegro
MG	Madagascar

Code	Country
MK	The Former Yugoslav
ML	Mali
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NE	Niger
NG	Nigeria
N	Nicaragua
NL	Netherlands
NO	Norway
NZ	New Zealand
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ST	Saotome and Principe	
SV	El Salvador	
SY	Syrian Arab Republic	
SZ	Swaziland	
TD	Chad	
TG	Togo	
TJ	Tajikistan	
TH	Thailand	
TM	Turkmenistan	
TN	Tunisia	
TR	Turkey	
TT	Trindad and Topago	
TW	Taiwan	
TZ	United Republic of Tanzania	
UA	Ukraine	
UG	Uganda	
US	United States of America	
UY	Uruguay	
UZ	Uzbekistan	
VC	Saint Vincent and the Grenadines	

Code	Country	
VE	Venezuela	
VN	Viet Nam	
YD	Yemen	
YU	Yugoslavia	
ZA	South Africa	
ZM	Zambia	
ZR	Zaire	
ZW	Zimbabwe	





PCT

- (22) 17/12/2013
- (21) | 1928/2013
- (44) August 2017
- (45) 02/01/2018
- (11) 28427

(51)	Int. Cl. 8 C09K 8/516, 8/50, 8/56, 8/60
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. GUEST, Randall V
	2. JOHNSON, Michael H
	3. XU, Zhiyue
(73)	1.
(10)	2.
(30)	1. (US) 13/189,150 - 22-07-2011
(00)	2. (PCT/US2012/044229) - 26-06-2012
	3.
(74)	Nahed Wadih Rizk
(12)	Patent

(54) INTERMETALLIC METALLIC COMPOSITE, METHOD OF MANUFACTURE THEREOF AND ARTICLES COMPRISING THE SAME

Patent Period Started From 26/06/2012 and Will end on 25/06/2032

(57) Disclosed herein is an article comprising a plurality of domains fused together; wherein the domains comprise a core comprising a first metal; and a first layer disposed upon the core; the first layer comprising a second metal; the first metal being chemically different the second metal. Disclosed herein too is a method comprising rolling a sheet in a roll mill; the sheet comprising a first metal and having disposed upon each opposing face of the sheet a first layer that comprises a second metal; the second metal being chemically different from the first metal; cutting the sheet into a plurality of sheets; stacking the plurality of sheets; and rolling the stacked sheets in the roll mill to form a blank.



PCT

- (22) 23/09/2009
- (21) | 1386/2009
- (44) **September 2017**
- (45) 02/01/2018
- (11) 28428

(51)	Int. Cl. 8 B01J 20/04, C02F 1/28, C09C 1/02
(71)	1. OMYA INTERNATIONAL AG (SWITZERLAND) 2. 3.
(72)	 GANE, Patrick A.C. SCHOLKOPF, Joachim GANTENBEIN, Daniel GERARD, Daniel E.
(73)	1. 2.
(30)	1. (EP) 07005855.7 - 21-03-2007 2. (PCT/EP2008/053333)- 19-03-2008 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS FOR THE REMOVAL OF ENDOCRINE DISRUPTING COMPOUNDS

Patent Period Started From 19/03/2008 and Will end on 18/03/2028

(57) The present invention relates to the removal of endocrine disrupting compounds from an aqueous medium by adding surface-reacted natural calcium carbonate or an aqueous suspension comprising surface-reacted calcium carbonate and having a pH greater than 6.0 measured at 20°C, to the medium, wherein the surface-reacted calcium carbonate is a reaction product of natural calcium carbonate with carbon dioxide and one or more acids, the use of the surface-reacted natural calcium carbonate for the removal of endocrine disrupting compounds, as well as to a combination of a surface-reacted natural calcium carbonate and activated carbon for the removal of endocrine disrupting compounds.



PCT

- (22) 21/07/2010
- (21) 1269/2010
- (44) **September 2017**
- (45) 02/01/2018
- (11) 28429

(51)	Int. Cl. 8 C04B 28/06, 28/16, 40/00
(71)	1. ITALCEMENTI S.P.A. (ITALY) 2. 3.
(72)	 ALFANI, Roberta LEZZI, Gianiuca Weight of the control of
(73)	1. 2.
(30)	1. (PCT/1B2008/000299) - 31-01-2008 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A COATING BASED ON A SULFO-ALUMINOUS OR SULFO-FERROALUMINOUS CLINKER

Patent Period Started From 31/01/2008 and Will end on 30/01/2028

(57) The present invention relates to acoating or painting based on a sulfoaluminous or sulfo-ferroaluminous clinker of cementitious-and noncementitious-based supports, in particular a coating or painting of cementitious-based pipes.



PCT

- (22) 09/04/2014
- (21) 0564/2014
- (44) **September 2017**
- (45) 02/01/2018
- (11) | 28430

(51)	Int. Cl. 8 E01C 19/42 & C04B 111/50
(71)	1. ITALCEMENTI S.P.A (ITALY) 2. 3.
(72)	 MOLFETTA Marcello Antonio MORBI Alessandro SGOBBA SARA
(73)	1. 2.
(30)	1. (IT) MI2o13A000575 - 11-04-2013 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CONCRETE SCREED WITH RECYCLED RUBBER FROM DISCARDED TYRES

Patent Period Started From 09/04/2014 and Will end on 08/04/2034

(57) It is disclosed a concrete screed with recycled rubber from discarded tyres (PFU), comprising cement, pre-treated recycled rubber from discarded tyres, with particle size comprised between 0.1 and 20 mm, preferably between 1 and 10 mm, still more preferably between 2 and 5 mm, pre-treated, inert materials, polymeric additives and water.



PCT

- (22) 24/07/2014
- (21) 1232/2014
- (44) **September 2017**
- (45) 02/01/2018
- (11) 28431

(51)	Int. Cl. ⁸ F27B 7/20 & F27D 17/00
(71)	1. ITALCEMENTI S.P.A (ITALY) 2. 3.
(72)	 FEDI, Roberto CLAUSI, Antonio CINTI, Giovanni
(73)	1. 2.
(30)	1. (IT) MI2012A000123 - 31-01-2012 2. (PCT/EP2013/051605) - 29-01-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) INTEGRATED PROCESS FOR THE PRODUCTION OF CLINKER WITH TREATMENT OF BYPASS DUSTS PRODUCED BY THE KILN

Patent Period Started From 29/01/2013 and Will end on 28/01/2033

(57) It is described an integrated process for the production of clinker by dry process, with treatment in continuous of bypass dusts produced by the kiln, wherein the solid matter to treat consists of bypass dusts of a clinker production process, containing compounds of chloride, sodium, potassium and sulphur, such a process comprising the following steps: a) extraction of the bypass dusts directly from the phase of quench, without intermediate storage, at a temperature comprised between 150 and 200?C, with a moisture content varying from 0.1 to 3% by weight, preferably from 0.1 to 0.5% by weight, and with a quantity of calcium carbonate lower than 55% by weight; b) mixing of said dusts coming from step a), within a maximum time comprised between 2 and 10 minutes, preferably lower than about 5 minutes, with water up to a water/dusts ratio varying from 2:1 to 4:1, preferably from 2,5:1 to 3,5:1, in a way to obtain a mixture with a moisture content comprised between 45 and 75% by weight, preferably between 50% and 55% by weight, even more preferably equal to about 50% by weight; c) mechanical stirring of the mixture diluted up to complete dissolution of the soluble salts; d) mechanical separation of the mixture so diluted in a liquid fraction containing water and soluble salts and in a solid fraction in form of cake or crust.



PCT

- (22) 08/10/2012
- (21) 1722/2012
- (44) August 2017
- (45) 04/01/2018
- (11) 28432

(51)	Int. Cl. 8 E21B 43/08
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	 O'MALLEY, Edward, J BAKER, Brad, G .
(73)	1. 2.
(30)	1. (US) 12/758,414 - 12-04-2010 2. (PCT/US2011/031768) - 08-04-2011 3.
(74)	NAHED WADE REZK
(12)	Patent

(54)	SCREEN DOWNHOLE DEVICE	
	Patent Period Started From 08/04/2011 and Will end on 07/04/2031	

(57) A screen device includes a foam body having a passageway that extends longitudinally through the foam body, the foam body has an open cell structure such that at least two surfaces of the foam body are in fluidic communication with one another through the foam body.



PCT

- (22) 19/06/2014
- (21) 1020/2010
- (44) | September 2017
- (45) 08/01/2018
- (11) 28433

(51)	Int. Cl. 8 B09B 3/00
(71)	 COMMERZIALBANK MATTERSBURG IM BURGENLAND AKTIENGESELLSCHAFT (AUSTRIA) 3.
(72)	 PHILIPP, Franz, Josef 3.
(73)	1. 2.
(30)	1. (AT) A 1860/2011 - 21-12-2011 2. (PCT/AT2012/0502020) - 20-12-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

PROCESS FOR OBTAINING ENERGY FROM ORGANIC-CONTAINING WASTE MATERIALS

Patent Period Started From 20/12/2012 and Will end on 19/12/2032

(57) The invention relates to a process for obtaining energy from organiccontaining waste materials. For the purpose of storing a carbonaceous product and gaseous energy in a tank and/or direct energy transfer to combined heat and power, the organic-containing waste materials are subjected in precomminuted form to a measurement in order to ensure by possible addition of carbonaceous and/or siliceous material that the ratio of carbonaceous to siliceous material is about 90% to about 10% in the waste materials that are to be further processed, wherein, in addition, the organiccontaining waste materials are further comminuted and mixed with containing framework silica with advanced materials additional comminution down to the range, thereafter compacting of the comminuted waste material mixture proceeds, heating of the mixture and separation of the same, whereupon the gaseous materials obtained in further course are fed to a tank and/or to combined heat and power, while the solids obtained pass through a separation of siliceous from carbonaceous materials and the carbonaceous materials obtained are stored as end product.



PCT

- (22) 03/06/2013
- (21) 0952/2013
- (44) **September 2017**
- (45) 04/01/2018
- (11) 28434

(51)	Int. Cl. 8 H04W 4/14, 12/00, 1/725 & G06Q 30/00	
(71)	1. FRANCE TELECOM (France)	
	2. 3.	
(72)	 SCHWARTZMANN, Jean-Jacques MAZINGUE, Didier BOUTROUX, Anne 	
(73)	1. 2.	
(30)	1. (FR) 1060077 - 03-12-2010 2. (PCT/FR2011/052841) - 01-12-2011 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) LINKING SYSTEM BASED ON UNCOMPLETE SYMBOLS Patent Period Started From 01/12/2011 and Will end on 30/11/2031

(57) The invention relates to a method for accessing a service based on the USSD standard for mobile telecommunications networks from a mobile terminal, said method including: a first stage executed locally by the terminal, which includes the following steps: at least one service option is displayed on an interface of said terminal, said service option being associated with a USSD code; a user selects said service; the user enters at least one complementary piece of information required for configuring the service option; an enhanced USSD code is generated from the USSD code of the selected service option and the entered complementary information by concatenation; and a second stage in which the terminal communicates over the network, during which the terminal sends the enhanced USSD code generated over a dedicated channel of the network.



PCT

- (22) 22/10/2014
- (21) 1686/2014
- (44) **September 2017**
- (45) 08/01/2018
- (11) 28435

(51)	Int. Cl. ⁸ C09D 11/00 & B41M 1/34	
(71)	1. ESMALGLASS, SAU (Spain) 2. 3.	
(72)	 BAGA N VARGAS Vicente MARTNEZ BORRASNatalia BLASCO FUENTES Antonio 	4. BAGA N VARGAS Vicente 5. FERNA NDEZ VALENZUELA JesU s
(73)	1. 2.	
(30)	1. (ES) P201230602 - 24-04-2012 2. (PCT/ES2013/070224) - 08-04-2013 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

DIGITAL ENAMEL INK (54) Patent Period Started From 08/04/2013 and Will end on 07/04/2033

(57) The present invention relates to a digital enamel ink, to the method for the preparation thereof and to the use of the digital enamel ink for functional and/or decorative coating of a ceramic and/or metallic material.



PCT

- (22) 22/01/2015
- (21) 123/2015
- (44) | September 2017
- (45) 04/01/2018
- (11) 28436

(51)	Int. Cl. 8 B01D 24/10 24/46
(71)	1. VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT (FRANCE) 2. 3.
(72)	 LANGE, Neville, Ernest 3.
(73)	1. 2.
(30)	1. (US) 13/557.688 – 25-07-2012 2. (PCT/IB2013/055927) – 18-07-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD AND SYSTEM FOR RECOVERING OIL AND REMOVING OIL FROM A RESULTING OIL-WATER MIXTURE Patent Period Started From 18/07/2013 and Will end on 17/07/2033

(57) A filtering device comprises a vessel for containing filtering media such as nutshells. Associated with the filtering device is an eductor for scrubbing and cleaning the media and removing contaminants such as oil from the media. The eductor includes an inlet port for receiving a motive liquid. Further, the eductor includes an inlet port for receiving media held in the vessel. In operation, a motive liquid is directed into the eductor and this induces media in the vessel into the eductor. By continuously directing motive liquid from an external source into the eductor, this results in the media being fluidized and circulated and recirculated through the eductor, giving rise to a slurry that contains liquid, the media and removed contaminants. A portion of the slurry is discharged from the filtering device while the media is retained in the filtering device.



PCT

- (22) 24/05/2015
- (21) 0808/2015
- (44) **September 2017**
- (45) 08/01/2018
- (11) 28437

(51)	Int. Cl. 8 G21C 1/03, 3/28
(71)	1. JOINT STOCK COMPANY "AKME-ENGINEERING (Moscow) (RU) 2. 3.
(72)	 TOSHINSKY, Georgy Iliich 3.
(73)	1. 2.
(30)	1. (PCT/RU2012/000980) - 26-11-2012 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	NUCLEAR REACTOR
	Patent Period Started From 26/11/2012 and Will end on 25/11/2032

(57) A nuclear reactor comprising a housing having disposed therein an active region that contains a bundle of rod-type fuel elements enclosed in a tubular shell and submerged in a primary coolant that circulates between the active region and at least one heat exchanger. In order to reduce the level of pressure of gaseous fission fragments accumulating below the fuel element shell and to enable the most uniform possible distribution of the velocity field of the primary coolant at the inlet to the active part of the fuel elements, said fuel elements are provided in their upper parts with active portions, which are filled with fuel, and hollow working portions, which are situated below said active portions.



PCT

- (22) 26/05/2015
- (21) 0821/2015
- (44) | September 2017
- (45) 09/01/2018
- (11) 28438

(51)	Int. Cl. 8 C11D 11/00, 17/00, 3/10, 3/37, 3/20
(71)	1. SOLVAY SA (BELGIUM) 2. 3.
(72)	 GENY Joël THIJSSEN, Mare 3.
(73)	1. 2.
(30)	1. (EP) 12195807.8 - 06-12-2012 2. (PCT/EP2013/075824) - 06-12-2013 3.
(74)	WAGDY Nabeh AZIZ
(12)	Patent

(54) PROCESS FOR PREPARING DETERGENT COMPOSITION PARTICLES

Patent Period Started From 06/12/2013 and Will end on 05/12/2033

- (57) Process for preparing detergent composition particles comprising sodium carbonate or bicarbonate particles loaded by incorporation of at least one detergent component according to which at least one detergent component is contacted in liquid state with reactive particles comprising at least 60% in weight sodium carbonate or bicarbonate, the contacting resulting in at least partial incorporation, said reactive particles having been obtained by a process comprising the steps of:
 - (a) adding at least one alkali metal carbonate to an aqueous solution in order to form an aqueous composition; wherein the alkali metal carbonate comprises sodium carbonate and wherein the aqueous composition comprises at least one polycarboxylic acid and/or the salts thereof, in an amount of at least 200 ppm based on the weight of the aqueous composition; and (b) separating sodium bicarbonate starting from the aqueous composition, in order to obtain sodium bicarbonate particles, on one hand, and an aqueous mother liquor, on the other hand (c) optionally calcining at a temperature of at least 80°C the sodium bicarbonate particles in order to transform them into sodium carbonate particles.



PCT

- (22) 25/12/2013
- (21) 1979/2013
- (44) **September 2017**
- (45) |09/01/2018
- (11) 28439

	Tr + C1 8	
(51)	Int. Cl. 8 A61M 35/00 & A61K 9/00, 47/1	10, 31/568, 9/06 & A61H 15/02 & B65D 47/42, 83/00 &
	A45D 34/00	
(71)	1. FERRING B.V. (Netherland)	
(, 1)	2.	
	3.	
(72)	1. CARRARA, Dario	4. FERNALL, Robert, Peter
()	2. BURKE, John, Edward	
	3. ROBINSON, David, George	
(73)	1.	
()	2.	
(30)	1. (EP) 11171533.0 - 27-06-2011	
(00)	2. (US) 61/501,292 - 27-06-2011	
	3. (PCT/EP2012/061784) - 20-06-2012	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) APPLICATOR SYSTEM FOR APPLYING A VISCOUS LIQUID TO THE HUMAN SKIN

Patent Period Started From 20/06/2012 and Will end on 19/06/2032

(57) The application relates to an applicator system for applying a viscous liquid, in particular a transdermal pharmaceutical formulation, to the human skin comprising a metering dispenser in turn comprising a container holding the viscous liquid and a pump for metering the liquid and an applicator detachably connected to the dispenser and comprising an application surface for receiving a metered amount of the liquid from the dispenser. The application surface is convex.



PCT

- (22) 17/01/2016
- (21) 0068/2016
- (44) **September 2017**
- (45) 08/01/2018
- (11) 28440

(51)	Int. Cl. 8 C09K 8/58
(71)	1. BP EXPLORATION OPERATING COMPANY LIMITED (UNITED KINGDOM)
	2. 3.
(72)	1. COLLINS, Ian Ralph
	2. LAGER, Arnaud
	3.
(73)	1.
	2.
(30)	1. (EP) 13176942.4 - 17-07-2013
` ′	2. (PCT/EP2014/065180) - 15-07-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) OIL RECOVERY METHOD Patent Period Started From 15/07/2014 and Will end on 14/07/2034

(57) A method for recovering crude oil from a reservoir that is penetrated by at least one injection well, the method comprising: injecting an aqueous displacement fluid comprising a solution of a zinc salt in an aqueous base fluid into the reservoir from the injection well wherein the aqueous base fluid has a total dissolved solids (TDS) concentration in the range of 200 to 250,000 ppmv (parts per million based on the volume of the aqueous base fluid), and a viscosity in the range of 1.00 to 2.00 centipoise (cP) at standard temperature and pressure; and wherein the aqueous displacement fluid has a dissolved zinc concentration in the range of 10 to 3,750 ppmv.



PCT

- $(22) | 24/06/201\overline{4}$
- (21) 1046/2014
- (44) | September 2017
- (45) | 09/01/2018
- (11) 28441

(51)	Int. Cl. ⁸ C07C 7/20 & C07B 63/04 & C09K 15/18, 15/24
(71)	1. DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED 2.
	3.
(72)	1. SUBRAMANIYAM, Mahesh
	2.
	3.
(73)	1.
	2.
(30)	1. (IN) 3653/MUM/2011 - 26-12-2011
	2. (PCT/IN2012/000839) - 21-12-2012
	3.
(74)	SMAS CO
(12)	Patent

(54) IMPROVED AMINE BASED ADDITIVE COMPOSITION FOR CONTROL AND INHIBITION OF POLYMERIZATION OF AROMATIC VINYL MONOMERS, AND METHOD OF USE THEREOF

Patent Period Started From 21/12/2012 and Will end on 20/12/2032

(57) The present invention relates to an improved amine based additive composition for control and inhibition of polymerization of aromatic vinyl monomers including styrene comprising one or more of the quinone methide or derivatives thereof, one or more of nitroxide compounds and further comprising one or more of aliphatic tertiary amines. In one embodiment, the present invention also relates to method of use of presently provided composition. In another embodiment, the present invention also relates to method of controlling and inhibiting polymerization of aromatic vinyl monomers, particularly of styrene by employing presently provided composition. In still another embodiment, the present invention also relates to method of preparation of presently provided composition.



PCT

- (22) 05/03/2014
- (21) 0344/2014
- (44) July 2017
- (45) 09/01/2018
- (11) 28442

(51)	Int. Cl. ⁸ C12Q 1/68
(71)	1. HUMAN GENETIC SIGNATURES PTY LTD (AUSTRALIA)
	2.
	3.
(72)	1. MILLAR, Douglas, Spencer
	2.
	3.
(73)	1.
(-)	2.
(30)	1. (PCT/AU2011/001156) – 07-09-2011
(= 0)	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) MOLECULAR DETECTION METHOD Patent Period Started From 07/09/2011 and Will end on 06/09/2031

(57) The present invention relates to a molecular detection method comprising treating a biological sample directly with a bisulphite agent under conditions that allow cell disruption and nucleic acid treatment; removing the bisulphite agent from the treated sample; and detecting a target nucleic acid in the treated sample.



PCT

(22) 13/03/2014

(21) 0397/2014

(44) July 2017

(45) 09/01/2018

(11) 28443

(51)	Int. Cl. 8 B29C 65/00
(71)	1. CERTAINTEED GYPSUM, INC (UNITED STATES OF AMERICA) 2. 3.
(72)	 COLLEGE, John W. LIBUNAO, Shane HARRIS, Mark
(73)	1. 2.
(30)	1. (US) 13/232,513 - 14-09-2011 2. (PCT/US2012/055392) - 14-09-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

SYSTEM AND METHOD FOR THE PRODUCTION OF GYPSUM **BOARD USING STARCH PELLETS**

Patent Period Started From 14/09/2012 and Will end on 13/09/2032

(57) The present invention relates to a system and method for the production of gypsum board using starch pellets. In accordance with the present disclosure, the starch necessary for board formation is provided in the form of starch pellets. These pellets are mixed with a gypsum slurry in a mixer. The pellets are initially insoluble and do not dissolve. However, during subsequent drying stages, the pellets become soluble and dissolve into the gypsum phase. This both provides the desired starch component and also results in the formation of voids within the set gypsum.



PCT

- (22) 03/01/2010
- (21) 1671/2010
- (44) August 2017
- (45) 10/01/2018
- (11) 28444

(51)	Int. Cl. 8 A61F 6/14	
(71)	1. BAYER SCHERING PHTARMA YO 2. 3.) (FLNLAND)
(72)	 KORTESUO, Pirjo CALVO ALONSO, Ulla INKI, Pirjo JUKARAINEN, Harri LEHTINEN, Juha LUKKARI-LAX, Eeva LYYTIKAINEN, Heikki 	8. MOEDE, Joachim 9. NIKANDER, Hannu 10. SALLINEN, Pirjo 11. TJADER, Taina 12. MacLEOD, Andrew 13. NOBLE, Michael 14. WHITAKER, David
(73)	1. 2.	
(30)	1. (FI) 20085277 - 02-04-2008 2. (PCT/FI2009/050244) - 01-04-2009 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) AN INTRAUTERINE SYSTEM Patent Period Started From 01/04/2009 and Will end on 31/03/2029

(57 An intrauterine system for a long-term insertion into a uterine cavity, characterized in that said intrauterine system comprises a reservoir and a frame, wherein said frame in a continuous, closed and flexible frame of triangular or pen-tagonal shape which is tapered towards cervix, and wherein said reservoir is rod-like elongated element having at least one end connected to the inner surface of the frame and said reservoir comprises at least one core containing at least one therapeutically active substance and a polymer layer encasing the core.



PCT

- (22) 30/09/2013
- (21) 1523/2013
- (44) August 2017
- (45) 14/01/2018
- (11) 28445

(51)	Int. Cl. 8 H04M 1/25 & H04W 48/18
(71)	1. ORANGE (FERNCE)
	[2.
	3.
(72)	1. VIENNE, Pascal
()	2.
	3.
(73)	1.
(10)	2.
(30)	1. (US) 61/470,347 - 31-03-2011
(00)	2. (PCT/IB2012/000777) - 30-03-2012
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A METHOD AND DEVICE TO PROVIDE AUTOMATED CONNECTION TO A WIRELESS NETWORK Patent Period Started From 30/03/2012 and Will end on 29/03/2032

(57) Mobile phone with a camera to capture an image of a two dimensional, 2D, bar code. From the image the device can decode a wireless network identifier, or network name, and connection parameters. Then the device can match the decoded name against the list of available networks. If the respective network is present in the list, then the phone can request a connection to said network based on the decoded connection parameters. The decoded data may further comprise a login / password set to be used in a connection confirmation response to the earlier request.



PCT

- (22) 24/12/2013
- (21) 1966/2013
- (44) **September 2017**
- (45) 15/01/2018
- (11) 28446

(51)	Int. Cl. ⁸ E21B 41/02, 43/27
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA)
	2. 3.
(72)	1. MAZYAR, Oleg, A
(12)	2. JOHNSON, Michael
	3. GAUDETTE, Sean
(T 2)	1
(73)	1. 2.
(30)	1. (US) 13/204,359 - 05-08-2011
(00)	2. (PCT/US2012/048792) - 30-07-2012
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) METHOD OF CONTROLLING CORROSION RATE IN DOWNHOLE ARTICLE, AND DOWNHOLE ARTICLE HAVING CONTROLLED CORROSION RATE

Patent Period Started From 30/07/2012 and Will end on 29/07/2032

(57) A method of removing a down hole assembly comprises contacting, in the presence of an electrolyte, a first article comprising a first material and acting as an anode, and a second article comprising a second material having a lower reactivity than the first material and acting as a cathode, the down hole assembly comprising the first article in electrical contact with the second article, wherein at least a portion of the first article is corroded in the electrolyte.



PCT

- (22) 02/07/2014
- (21) 1107/2014
- (44) August 2017
- (45) 14/01/2018
- (11) 28447

(51)	Int. Cl. ⁸ F16D 65/10
(71)	1. OIL STATES INDUSTRIES, INC (UNITED STATES OF AMERICA) 2. 3.
(72)	 MCCLINTIC, Barry, S 3.
(73)	1. 2.
(30)	1. (US) 61/585,947 - 12-01-2012 2. (US) 13/731,477 - 31-12-2012 3. (PCT/US2013/020042) - 03-01-2013
(74)	NAHED WADIE RIZK
(12)	Patent

(54) LIQUID-COOLED BRAKE ASSEMBLY WITH REMOVABLE HEAT TRANSFER INSERT Patent Period Started From 03/01/2013 and Will end on 02/01/2033

(57) A brake for a rotating member is disclosed. The brake is used with a liquid coolant, and includes a housing for containing the liquid, a stationary element disposed in the housing, a wear plate disposed on the stationary element, a friction element coupled to the rotating member for contacting the wear plate, and a removable heat transfer insert disposed adjacent the wear plate and in fluid communication with the coolant, the heat transfer insert consisting of a non-galvanic material.



PCT

- (22) 24/12/2013
- (21) 1967/2013
- (44) **September 2017**
- (45) 14/01/2018
- (11) 28448

(51)	Int. Cl. ⁸ C01B 31/02 & B82B 1/00, 3/00
(71)	 BAKER HUGHES INCORPORATED(UNITED STATES OF AMERICA) 3.
(72)	1. SADANA, Anil K 2. 3.
(73)	1. 2.
(30)	1. (US) 13/198,342 - 04-08-2011 2. (PCT/US2012/047957) - 24-07-2012 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) METHOD OF PREPARING FUNCTIONALIZED GRAPHENE Patent Period Started From 24/07/2012 and Will end on 23/07/2032

(57) A method of preparing functionalized graphene, comprises treating graphene with an alkali metal in the presence of a coordinating solvent, and adding a functionalizing compound. The method further includes quenching unreacted alkali metal by addition of a protic medium, and isolating the functionalized graphene.



PCT

- (22) 15/04/2013
- (21) 0630/2013
- (44) **September 2017**
- (45) 15/01/2018
- (11) 28449

(51)	Int. Cl. 8 A01P 13/02 & A01N 25/00
(71)	1. BAYER INTELLECTUAL PROPERTY GMBH (GERMANY) 2. 3.
(72)	 HAIN, Rudiger JOHANN, Gerhard DONN, Gunter
(73)	1. 2.
(30)	1. (DE) 10187759.5 – 15-10-2010 2. (US) 61/394,469 - 19-10-2010 3. (PCT/EP2011/067922) - 13-10-2011
(74)	Shady Farouk Moubark
(12)	Patent

(54) ALS INHIBITOR HERBICIDES FOR CONTROL OF UNWANTED VEGETATION IN ALS INHIBITOR HERBICIDE TOLERANT BETA VULGARIS PLANTS

Patent Period Started From 13/10/2011 and Will end on 12/10/2031

(57) Present invention relates to the use of the ALS inhibitor herbicides for controlling unwanted vegetation in ALS inhibitor herbicide tolerant Beta vulgaris plants, more especially, present invention relates to the use of ALS inhibitor herbicides for control of unwanted vegetation in Beta vulgaris, preferably in sugar beet growing areas in which the Beta vulgaris, preferably sugar beet comprise a mutation in codon 1705-1707 of an endogenous ALS gene encoding an ALS protein containing an amino acid that is different from tryptophan at position 569, preferably the tryptophan is substituted by leucine.



PCT

- (22) 27/05/2012
- (21) 0938/2012
- (44) August 2017
- (45) | 15/01/2018
- (11) 28450

(51)	Int. Cl. 8 G06F 19/00
(71)	1. BAYER PHARMA AKTIENGESELLSCHAFT(GERMANY) 2. 3.
(72)	1. BURG, Matthias 2. URICH, Klaus 3.
(73)	1. 2.
(30)	1. (ED) 09177343.2 - 27-11-2009 2. (PCT/EP2010/068100) - 24-11-2010 3.
(74)	SMAS
(12)	Patent

(54)	INJECTOR SYSTEM
	Patent Period Started From 24/11/2010 and Will end on 23/11/2030

(57) The invention relates to an injector comprising a processor, a pump or a motor driving a piston suitable for forcing liquid out of a cartridge, a data store, a device for transferring data, wherein the processor is electronically connected to the data store, to a control unit for the pump or the motor, and to the device for transferring data; wherein the injector is suitable for being connected to a tank or cartridge comprising a plurality of doses of a parenteral solution for transferring fluid; wherein a data store is fixedly connected to the tank or cartridge; wherein the device for transferring data is suitable for reading out information from the data store on the tank or the cartridge; and wherein at least one designation of the identity of the product stored in the tank or the cartridge is stored in the data store on the tank or the cartridge. The invention further relates to a tank or a cartridge comprising a plurality of doses of a parenteral solution, wherein a data store is fixedly connected to the tank or the cartridge.



PCT

(22) 08/10/2013

(21) 1558/2013

(44) **September 2017**

(45) 15/01/2018

(11) 28451

(51)	Int. Cl. 8 A01P 13/00, & A01N 47/36, 43/54, 43/56, 43/58, 43/653, 43/76, 43/82, 43/84, 43/90
(71)	1. ISHIHARA SANGYO KAISHA, LTD (JAPAN)
	2.
	3.
(72)	1. YAMADA, Ryu
	2. OKAMOTO, Hiroyuki
	3. TERADA, Takashi
(73)	1.
` /	2.
(30)	1. (JP) 2011-087546 - 11-04-2011
()	2. (PCT/JP2012/060090) - 06-04-2012
	3.
(74)	REZK, SOHEER, MICHEAL
(12)	Patent

(54) HERBICIDAL COMPOSITION COMPRISING FLAZASULFURON AND AN INHIBITOR OF PROTOPORPHYRINOGEN OXIDASE Patent Period Started From 06/04/2012 and Will end on 05/04/2032

(57) Many herbicidal compositions have been developed and are presently used. However, weeds to be controlled are various in types and their emergence extends over a long period. Accordingly, it is desired to develop a herbicidal composition which has a broad herbicidal spectrum, a high activity and a long-lasting effect. The present invention provides a herbicidal composition comprising (A) flazasulfuron or its salt and (B) at least one protoporphyrinogen oxidase inhibitor selected from the group consisting of a phenylpyrazole compound, a triazolinone compound, a N-phenylphthalimide compound, a pyrimidindione compound, an oxadiazole compound, an oxazolidinedione compound, a thiadiazole compound, pyraclonil, profluazol, flufenpyr-ethyl and their salts. According to the present invention, a herbicidal composition which has a broad herbicidal spectrum, a high activity and a long-lasting effect can be provided.



PCT

- (22) 03/11/2014
- (21) 1762/2014
- (44) August 2017
- (45) 15/01/2018
- (11) 28452

(51)	Int. Cl. 8 B01J 19/12, C02F 1/32	
(71)	 XYLEM WATER SOLUTIONS HERF 3. 	ORD GMBH (GERMANY)
(72)	 MORNINGSTAR, Leroy, Jack, Jr. KÄMMERER, Sven RAPAKA, Madhukar, 	4. KRÜGER, Friedhelm 5. RAYMOND, Daniel
(73)	1. 2.	
(30)	1. (DE) 102012008733.0 - 04-05-2012 2. (PCT/EP2013/000655) - 06-03-2013 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) OPEN-CHANNEL UV WATER TREATMENT PLANT Patent Period Started From 06/03/2013 and Will end on 05/03/2033

(57) The invention relates to a UV water treatment plant comprising at least one module which includes a number of elongate UV radiation elements in a mount. The radiation elements run parallel to one another. A base is provided to which at least one guide is fixedly connected, and at least one guide rail is provided that is connected to the mount. The guide rail is movably mounted in the guide.



PCT

- (22) 25/11/2013
- (21) 1805/2013
- (44) **September 2017**
- (45) 15/01/2018
- (11) 28453

(51)	Int. Cl. 8 A01N 43/80, 51/00, 53/00, 47/30,37/38, 47/40, 43/40, 43/86 & A01P 5/00, 5/00, 7/02, 7/04, 9/00
(71)	1. SYNGENTA PARTICIPATIONS AG (Switzerland) 2. 3.
(72)	 QACEMI, Myrlem CASSAYRE, Jérôme Yves .
(73)	1. 2.
(30)	1. (EP) 11168218.3 - 31-05-2011 2. (PCT/EP2012/060126) - 30-05-2012 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) PESTICIDAL MIXTURES INCLUDING ISOXAZOLINE DERIVATIVES Patent Period Started From 30/05/2012 and Will end on 29/05/2032

(57) The present invention relates to pesticidal mixtures comprising a component a and a component b, wherein component a is a compd. Of formula (i) wherein 1 is a direct bond; a1 and a2 are c-h; r1 is ethyl or trifluoroethyl; r2 is trifluoromethyl; each r3 is independently chloro or fluoro; r4 is methyl; r5 is hydrogen; p is 2 or 3; and component b is an insecticide selected from the group consisting of thiamethoxam, lambda cychalothrin and diafenthiuron. The present invention also relates to methods of using said mixtues for the control of plant pests.



PCT

- (22) 03/11/2013
- (21) 1672/2013
- (44) **September 2017**
- (45) 15/01/2018
- (11) 28454

(51)	Int. Cl. 8 A01N 25/30 25/02, 47/40 & A01P 7/04
(71)	 Nippon Soda Co LTD (JAPAN) 3.
(72)	 NISHIMURA Kaoru NAKAMURA Rieko SAKAMOTO Rie
(73)	1. 2.
(30)	1. (JP) 2011-105705 - 10-05-2011 2. (PCT/JP2012/061758) - (08-05-2012 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) LIQUID INSECTICIDE COMPOSITION Patent Period Started From 08/05/2012 and Will end on 07/05/2032

(57) The present invention provides a liquid insecticide composition containing a neonicotinoid-based compound, a siliconebased surfactant, and a water-soluble organic solvent. The present invention also provides a method for enhancing insecticidal effects that comprises using a silicone-based surfactant jointly with a neonicotinoid-based compound as an insecticidal active ingredient.



PCT

- (22) 19/02/2014
- (21) 0246/2014
- (44) July 2017
- (45) 16/01/2018
- (11) 28455

(51)	Int. Cl. 8 A01N 25/24, 59/16	
(71)	 Silver PhasE Oy (Finland) 3. 	
(72)	 MAKI, Markus NIEMINEN, Jyri LAAKSONEN, Harri 	4. AREVA, Sami
(73)	1. 2.	
(30)	1. (FI) 20115816 - 22-08-2011 2. (US) 61/525.888 - 22-08-2011 3. (PCT/FI2012/050803) - 22-08-2012	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) A METHOD FOR PRODUCTION OF POLYMERIC ANTIMICROBIAL COMPOSITION Patent Period Started From 22/08/2012 and Will end on 21/08/2032

(57) The invention concerns a polymeric antimicrobial composition, a method of producing the same. The ionomer composition comprises an amine functional polymer compound reacted with silver halide, optionally together with a stabilizing component, such as an organic substance carrying a sulfonamide functional group. The ionomer composition can be obtained by reacting together (i) at least one polyamine and silver halide and optionally at least one organic stabilizer substance or; (ii) at least one polyamine, at least one non-halide silver salt or silver complex, hydrogen halide and/or alkaline metal halide salt and optionally at least one organic stabilizer substance. The present ionomer composition is suitable for use as an antimicrobial coating, antimicrobial finish, antimicrobial additive and as antimicrobial component for formation of new antimicrobial materials.



PCT

- (22) 05/09/2013
- (21) 1402/2013
- (44) October 2017
- (45) 16/01/2018
- (11) 28456

(51)	Int. Cl. 8 A01K 1/00, 31/00
(71)	1. AHMED MOHAMED ELGANDY (EGYPT) 2.
	3.
(72)	1. AHMED MOHAMED ELGANDY
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(73)	1.
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(30)	1.
(00)	2.
	3.
(74)	
(12)	Patent

(54) A DRY FUEL HEATER FOR THE HEATING OF POULTRY FARMS Patent Period Started From 05/09/2013 and Will end on 04/09/2033

(57) This invention related to dry fuel heater for the heating of poultry farms and all other closed farms. This heater (200 w) is working with control unit . When operating, it feeds dry fuel to the fire house, which transfers the fuel and power generation, which is transported through a heat exchanger to the moving air through a fan to heat it and heat it out of the air vents. The heater consists of: a tank for dry fuel. A screw powered by an electric motor through control unit. The fire house, heat exchanger and hot air chamber. This heater features energy consumption and reduces the reduced cost for air heating compared to other diesel or butane gas fired heaters.



PCT

- (22) 06/02/2011
- (21) 0196/2011
- (44) **September 2017**
- (45) 16/01/2018
- (11) 28457

(51)	Int. Cl. 8 A61K 31/53, 31/505, 33/02	
(71)	1. LABORATORIO AVI-MEX, S.A. DE C 2. 3.	C.V. (MEXICO)
(72)	 LOZANO-DEBERNARD, Bernardo OCAMPO-CAMBEROS, Luis SUMANO-LOPEZ, Héctor, Salvador 	4. SOTO-PRIANTE, Ernesto 5. SARFATI-MIZRAHI, David
(73)	1. 2.	
(30)	1. (MX)2008/009818 – 31-07-2008 2. (PCT/IB2009/006409) – 30-07-2009 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) COCCIDIOCIDE COMBINATION FOR VETERINARY USE Patent Period Started From 30/07/2009 and Will end on 29/07/2029

(57) A combination is described that has coccidiocidal effects and is composed of toltrazuril and trimethoprim. Also described are veterinary compositions in which said combination is used, wherein the veterinary compositions have a potentiated effect that enables birds to recover more rapidly and to have fewer disease sequelae, and there is no precipitation of the active ingredients in the combination when those ingredients are used with hard water.



PCT

- (22) 20/10/2010
- (21) 1755/2010
- (44) | September 2017
- (45) 16/01/2018
- (11) 28458

(51)	Int. Cl. 8 A01N 43/50, 47/04 & A01P 3/00
(71)	1. Nippon Soda Co., Ltd. (JAPAN) 2. 3.
(72)	1. ENDO, Yoshihisa 2. YAMAMURA, Satoru 3.
(73)	1. 2.
(30)	1. (JP) 2008-114995 - 25-04-2008 2. (PCT/JP2009/001873) - 23-04-2009 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) GRANULAR PESTICIDE COMPOSITION AND METHOD OF PRODUCING THE SAME

Patent Period Started From 23/04/2009 and Will end on 22/04/2029

(57) Provided is a method of producing a granular pesticide composition having excellent handling properties whereby a wettable pesticide or a water-soluble pesticide in the form of a powder can be processed into a granular pesticide composition without altering the formulation thereof. A method of producing a granular pesticide composition which comprises: treating a powdery wettable pesticide composition or a powdery water-soluble pesticide composition by a step of adding water, kneading, extruding and drying; a step of adding water, granulating by stirring and drying; a step of adding water and granulating by the fluidized bed method; or a step of pressure-molding the powdery wettable pesticide composition or the powdery water-soluble pesticide composition; and then (a) a step of microgranulating by grinding, optionally followed by, if necessary, (b) a step of particle size-regulating by sieving.



PCT

- (22) 21/10/2013
- (21) 1620/2013
- (44) October 2017
- (45) 17/01/2018
- (11) 28459

(51)	Int. Cl. 8 A41H 3/00, 5/00 & G01B 3/02 & B43L 7/00, 13/00
(71)	1. MOHAMED ABD EL-HAMED MOHAMED FATHIY HAGAG (EGYPT) 2. 3.
(72)	1. MOHAMED ABD EL-HAMED MOHAMED FATHIY HAGAG 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	Focal point - MENOFIA UNIVERSITY
(12)	Patent

(54) FASHION FIGURES RULER SET" FEMALE - MALE - CHILDREN" Patent Period Started From 21/10/2013 and Will end on 20/10/2033

(57) The invention is a set of technical rulers specialized in the drawing fashion figure used in fashion design illustration, whether female, male or children figure. As the process of drawing fashion figure by the old traditional methods require high skill by the designer, in addition that process consumes more than half the time required for drawing any design. By using specialized ruler set you can reduce the time spent in the process of drawing fashion figure and overcome the lack of experience and skill in the junior and amateurs fashion designers. Moreover, in less than three minutes, you can get lots and lots of fashion figure poses with high quality in drawing body lines and dimensions as professionals.



PCT

- (22) 13/06/2013
- (21) 1014/2013
- (44) October 2017
- (45) 17/01/2018
- (11) 28460

(51)	Int. Cl. 8 D01D 5/00& D01F 6/86, D02G 1/00, 1/14
(71)	1. ORIENTAL WEAVERS (EGYPT) 2.
	3.
(72)	1. ORIENTAL WEAVERS (EGYPT)
	2.
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(73)	1.
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(30)	1.
, ,	2.
	3.
(74)	MOHAMED ABD ELHALIM ZAKI ELSAIED
(12)	Patent

(54) PRINTABLE POLYPROPYLENE FILAMENTS AND FIBERS Patent Period Started From 13/06/2013 and Will end on 12/06/2033

(57) The aim of the invention is production of Polypropylene fiber and filament that can accept printing by chromoget in the temperature of 98° C and heat set time of (6 Minutes) in the printing process, this has been done by using mixture of melted Polypropylene as base material, with maleic anhydride modified polypropylene as compatible material, and Polyethylene Terphthalate (PET) as dyestuff receptor material, with applying special parameters in the melt spinning process.



PCT

- (22) 27/10/2015
- (21) 1722/2015
- (44) October 2017
- (45) 17/01/2018
- (11) 28461

(51)	Int. Cl. 8 C21D 1/34
(71)	1. SCIENCE AND TECHNOLOGY DEVELOPMENT FUND (EGYPT) 2. 3.
(72)	 Dr. Sameh Fekry Salama Abouzid Dr.CHEN SHAO-NONG Prof.Dr. PAULI GUIDO
(73)	1. 2.
(30)	1. 2. 3.
(74)	MARWA ALAA EL DIN MOHAMED ABDEL-MEGUID
(12)	Patent

(54) A METHOD FOR SILYMARIN PRODUCTION FROM SILYBUM MARIANUM

Patent Period Started From 27/10/2015 and Will end on 26/10/2035

(57) An Improved method for the extraction of silymarin, the flavonolignan complex from the fruits of milk thistle, is described. the method enables a more efficient extraction of silymarin from the pericarp after it was mechanically separated from the other parts of the fruits. The pericarp was subjected to accelerated solvent extraction using methanol at 70-100°C, 1500-1700 psi for 15-30 min. Quantitation of the eight major silymarin components in the pericarp extract was compared to that of the whole fruit extract using HPLC. The pericarps extract showed higher silymarin content (2.24 fold) than whole fruit extract.



PCT

- (22) 23/02/2009
- (21) 0251/2009
- (44) October 2017
- (45) 17/01/2018
- (11) 28462

(51)	Int. Cl. 8 C02F 1/44, 9/02, 101/30, 103/34
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)
` '	2.
	3.
(72)	1. DR. HAYAM FAHIM SHAALAN
, ,	2.
	3.
(73)	1.
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(30)	1.
()	2.
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(74)	
(12)	Patent

- (54) AN INTEGRATED SYSTEM FOR CONSECUTIVE ADSORPTION PROCSSES USING MODIFIED CLAYS, MICRO FILRATION AND NANO FILRATION MEMBRANES FOR SEPARATION OF PESTICIDES AND HAZADOUS CHEMICALS FROM SOLUTIONS
 - Patent Period Started From 23/02/2009 and Will end on 22/02/2029
- (57) This invention is related to development of an integrated system for consecutive adsoption processes using modified clays, micro filtration and nano filtration membranes for separation of pesticides and haradous chemicals from solutions. The adsorption system comprising three columns. The first column contains natural bentonite or kaolin while, the second contains thermally activated kaoline. The third column contains cationic bentonite. Liquids treated by adsorption are directed to compact membrane filtration comprising micro filtration and nano filtration. Membrane concurrates are redirected to the adsorption unit. Exhausted clayes are transferred to pressure filtration and subsequently, to air drying or appropriate drier such as shelf dryer. This system is used for treatment of marginal quality surface water; agricultural should be removed for the safe use of suface water and reuse of effluents for selected applications.



PCT

- (22) 20/09/2010
- (21) 1577/2010
- (44) October 2017
- (45) 17/01/2018
- (11) 28463

(51)	Int. Cl. 8 A61L 27/40, 27/42, 27/46, 31/12
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	1. KHALED REZK MOHAMED 2. RESEARCHER ZEINAB MOHAMED IBRAHIM 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	PATENT COMMUNICATION OFFICE
(12)	Patent

PREPARATION OF BIOCOMPOSITES FROM NANO-HYDROXYAPATITE WITH CHITOSAN OR CHITOSAN-GELATIN BIOPOLYMERS IN THE PRESENCE OF CITRIC ACID FOR BONE SUBSTITUTES

Patent Period Started From 20/09/2010 and Will end on 19/09/2030

(57) The problems of hydroxyapatite particles migration, low mechinical properites, low bioactivity and higher degradation as well as higher degradation and swelling of polymer matrix were resolved in this patent through binding HA with chitosan or with chitosan-gelatin using cross linker such as citric acid (CA) were prepared by precipitation method. The characterization of the samples proved that the formation of nanocarbonated apatite (CHA) increased by increasing chitosan or chitosangelatin content and highly increased with CA addition. The compressive strength of HA increased with increase of chitosan or chitosan-gelatin concentration up to 30% and highly increased with CA. The biodegradation of HA decreased with chitosan or chitosan-gelatin content and highly decreased with CA. The swelling of the composites increased with increase of chitosan or chitosan-gelatin content but decreased with CA. Finally, the deposition of bone-like apatite layer on the composite surface increased and more with CA. Therefore, it's recommended to add CA into these biocomposites for bone substitutes and bone tissue engineering applications.



PCT

- (22) 26/02/2012
- (21) 0333/2012
- (44) October 2017
- (45) 17/01/2018
- (11) 28464

(51)	Int. Cl. 8 F24F 5/00 & A01K 61/00
(71)	1. MOHAMED ASHOUR FIKRY (EGYPT)
	2. 3.
(72)	1. MOHAMED ASHOUR FIKRY
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(73)	1.
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(74)	Focal point of Alex university
(12)	Patent

(54) SYSTEM FOR HARVESTING OF MICROALGAE Patent Period Started From 26/02/2012 and Will end on 25/02/2032

(57) This innovation involving the system for harvesting microalgae which consist of three parts; the first part is the microalgae container; the second part is net cover with mechanical flipper; while the third part is a box for collecting the water after harvest, drawing the algae as spray from a pot pipe on the net while the mechanical flipper continuously flips water with collecting water under net in collecting box.



PCT

- (22) 08/01/2014
- (21) 0025/2014
- (44) October 2017
- (45) 17/01/2018
- (11) 28465

(51)	Int. Cl. 8 C04B 35/462, 35/468, 75/48, 35/624, 35	5/64
(71)	1. NATIONAL RESEARCH CENTER (EGYPT 2. 3.	Γ)
(72)	1. FAWZIA MOHAMED FAHIM ABD-EL-MOUTY 2. DOREYA MOHAMED MAHMOUD IBRAHIM 3. MOBARAK HASANY ALI MAHMOUD	4. EZZAT AHMED MOHAMED EL-FADALY 5. HANAN FAROUK EL-SAYED ALI YOUSSEF 6. ANWER SHAWKY ABD-EL-RAHMAN ASKER
(73)	1. 2.	
(30)	1. 2. 3.	
(74)	NATIONAL RESEARCH CENTER	
(12)	Patent	

(54) Method for the preparation of Barium Calcium Titanate Zirconate compound using Urea Formaldehyde resin Patent Period Started From 08/01/2014 and Will end on 09/01/2034

(57) The current invention is addressing a method for preparing barium-calcium titanate and zirconate using Urea Formaldehyde resin via sol-gel method, where the barium titanate with the following percentages of moles; 1M barium titanate: 1M Urea: 1M Formaldehyde: 1M ethylene glycol . MEanwhile , the Calcium titanate zirconate were prepared using the following chemicals (in mole %); 1M barium-calcium: 1M titanium-zircon: 1M Urea: 1M formaldehyde: 1M ethylene glycol. the two synthetic products were calcined at each of the following temperatures: 600, 1000, 1100 and 1200° C. and were examined by X-ray diffraction. The results indicated the formation of both compounds at temperatures of 1000 and 1100° C.



PCT

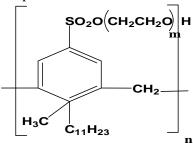
- (22) 10/10/2013
- (21) 1573/2013
- (44) October 2017
- (45) 17/01/2018
- (11) 28466

(51)	Int. Cl. 8 C10G 33/04 & B01D 17/05
(71)	1. EGYPTIAN PETROLEUM RESEARCH INSTITUTE (EPRI) (EGYPT) 2. 3.
(72)	 AHMED MOHAMED AHMED AL-SABAGH MAHMOUD RYAD NOOR EL-DEN MAHMOUD AZIZA EL-SAYED EL-TABEI
(73)	1. 2.
(30)	1. 2. 3.
(74)	KHALID ABDUL ZAHIR
(12)	Patent

(54) SYNTHESIS OF NOVEL POLYMERS BASED ON LOCALLY LINEAR ALKYL BENZENE USED AS PETROLEUM CRUDE OIL EMULSION BREAKERS

Patent Period Started From 10/10/2013 and Will end on 09/10/2033

(57) The present invention aimed to synthesis of novel polymeric demulsifies based on locally raw materials such as; linear and heavy alkyl benzene to break down water in oil crude oil emulsions. The said products with different molecular weights are prepared through three steps, sulfonation of alkyl benzene; condensation reaction of the sulfonated product with formalin (37%) to get different molecular weight polymers (Mw.15000-40000). Then the polymers were reacted with different molecular weight of poly ethylene glycol (Mw.100-800). The end products named as polyoxyakylneate sulfonated alkylbenzene formaldehyde condensate (Mw.20000-50000). The general chemical formula of id product is shown as follows:



Poly oxyalkynate sulfonated heavey alkyl benzene formaldhyde condensate

Where; m=3-18 repeating unit



PCT

- (22) 27/06/2011 D1
- (21) 1109/2011
- (44) | September 2017
- (45) 17/01/2018
- (11) 28467

(51)	Int. Cl. 8 A61M 35/00 & A45D 34/04 & A47	7K 5/00 & A47L 13/00 & B65D 17/00
(71)	1. Otsuka Pharmaceutical Factory, Inc.(JAPAN) 2. 3.	
(72)	 KOROGI, Todd, M.; MOSLER, Theodore, J.; PENNY, Matthew, R.; PETERS, Bryan, J.; SHAFFER, Lisa, D.; 	6. CORSON, Andrew 7. CASEY, Ronald, J 8. VANEK, Patrick, P.; 9. HATHAWAY, Royal, D
(73)	1. 2.	
(30)	1. (US) 61/141.544 - 30-12-2008 2. (PCT/US2009/069733) - 29-12-2009 3.	
(74)	NAHID WADI RIZK TARAZI	
(12)	Patent	

(54) FLUID APPLICATION DEVICE AND METHOD Patent Period Started From 29/12/2009 and Will end on 28/12/2029

(57) An applicator device for applying a fluid is provided. The applicator device may include a handle. The handle may comprise an elongate hollow body having a proximal end and a distal end and at least one longitudinal, interior rib disposed on an inne1• surface of an outer wall of the hollow body and configured to orient and guide a container for containing the fluid when the container is disposed within the hollow body. In addition, the applicator device may include a base at the distal end of the hollow body. Further, the applicator device may include an applicator pad coupled to the base.



PCT

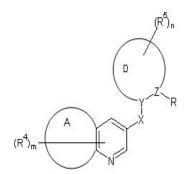
- (22) 27/06/2012
- (21) 1186/2012
- (44) **September 2017**
- (45) 17/01/2018
- (11) 28468

(51)	Int. Cl. ⁸ C07D 215/14 55/00, 215/18, 215/ A01P 3/00, & A01N 43/42,	/20, 215/38, 221/04,401/12, 471/04, 491/048, 495/04 &
(71)	1. Nippon Soda Co., Ltd (JAPAN) 2. 3.	
(72)	1. SAIKI Yuto 2. INAGAKI Jun 3. SHIBAYAMA Kotaro 4. KUWAHARA Raito	5. NISHIMURA Satoshi 6. KUBOKI Mami 7. MITANI Akira 8. SATO Motoaki
(73)	1. 2.	
(30)	1. (JP) 2010/000194 - 04-01-2010 2. (PCT/JP2010/074683) - 28-12-2010 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) NITROGEN-CONTAINING HETEROCYCLIC COMPOUND AND AGRICULTURAL/HORTICULTURAL GERMICIDE

Patent Period Started From 28/12/2010 and Will end on 27/12/2030

(57) Provided are a novel nitrogen-containing heterocyclic compound represented by formula (I), and a salt or N-oxide compound thereof. Also provided is an agricultural/horticultural germicide that contains at least one of the above as an active ingredient. In formula (I), R represents the group represented by CR1R2R3 or a cyano group. R1 through R3 each independently represent a hydrogen atom, an unsubstituted or substituted C1-8 alkyl group, an unsubstituted or substituted hydroxyl group, or the like. R4 or R5 represents a halogen group or the like. Y or Z represents a carbon atom or the like, and A or D represents a benzene ring or the like. X represents an oxygen atom, a nitrogen atom, or the like.





PCT

- (22) 24/09/2013
- (21) 1483/2013
- (44) August 2017
- (45) 21/01/2018
- (11) 28469

(51)	Int. Cl. 8 D04H 1/56, 1/544, 3/14, 3/147	
(71)	1. PEGAS NONWOVENS S.R.O. (CZECH REPUBLIC) 2. 3.	
(72)	 KLASKA, Frantisek KUMMER, Jiri MECL, Zdenek KASPARKOVA, Pavlina 	5. XU, Han6. DE BEER, Antonius Lambertus Johannes7. ISELE, Olaf Erik Alexander
(73)	1. 2.	
(30)	1. (PV) 2011-163 – 25-03-2011 2. (PCT/EP2012/001274) – 23-03-2012 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) NONWOVEN WEBS WITH ENHANCED LOFT AND PROCESS FOR FORMING SUCH WEBS

Patent Period Started From 23/03/2012 and Will end on 22/03/2032

(57) The present invention relates to a process of forming a soft bulky nonwoven web from a batt using thermobonding and to a soft bulky nonwoven web with a bond impression pattern and shape. The process comprises several steps including feeding a batt to a nip between first and second surface of first and second roller, where at least the first of the surfaces comprises spaced apart bonding protrusions surrounded by recessed areas. The bonding protrusions and the bond impression shape in the web exhibit a ratio of the greatest measurable width to the greatest measurable length of at least 1:2.5 and the perimeters thereof comprise a convex portion. The bonding protrusions are symmetric and/or have a certain angle to the machine direction.



PCT

- (22) 02/02/2014
- (21) 0143/2014
- (44) August 2017
- (45) 21/01/2018
- (11) 28470

(51)	Int. Cl. ⁸ G05F 1/14, H01F 29/02
(71)	1. ENERGIA EUROPA S.P.I. (ITALY) 2. 3.
(72)	 D'ANTUONO, Ernesto 3.
(73)	1. 2.
(30)	1. (PCT/IT2011/000275) - 01-08-2011 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) AN IMPROVED, HIGH-EFFICIENCY, ENERGY-SAVING DEVICE FOR INSERTING BETWEEN A POWER SOURCE AND A MOTIVE AND/OR LIGHTING POWER LOAD

Patent Period Started From 02/02/2014 and Will end on 01/02/2034

(57) An energy-saving device inserted between a three-phase power supply (a) and a three-phase load, comprising a three-phase electrical transformer, each phase of which includes a transformation assembly with a primary winding connected at a first end to one phase of the power supply (a) and electromagnetically coupled to a secondary winding connected at its second end (s1) to one phase of the load. The device involves the second ends of the primary windings in each of the transformation assemblies, lying opposite the first ends, being electrically connected to one another by first switching means. The device also involves each of the secondary windings being connected in parallel to second switching means for enabling or disabling the operation of the energy-saving device between the power source (a) and the load.



PCT

- (22) 20/05/2012
- (21) 0906/2012
- (44) July 2017
- (45) 22/01/2018
- (11) 28471

(51)	Int. Cl. ⁸ G10L 19/00, 19/02
(71)	1. DOLBY LABORATORIES LICENSING CORPORATION (UNITED STATES OF 2. AMERICA) 3.
(72)	1. RAMAMOORTHY, Kamalanathan 2. 3.
(73)	1. 2.
(30)	1. (US) 61/267,422 - 07-12-2009 2. (PCT/US2010/054480) - 28-10-2010 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) DECODING OF MULTICHANNEL AUFIO ENCODED BIT STREAMS USING ADAPTIVE HYBRID TRANSFORMATION Patent Period Started From 28/10/2010 and Will end on 27/10/22030

(57) The processing efficiency of a process used to decode frames of an enhanced AC-3 bit stream is improved by processing each audio block in a frame only once. Audio blocks of encoded data are decoded in block order rather than in channel order. Exemplary decoding processes for enhanced bit stream coding features such as adaptive hybrid transform processing and spectral extension are disclosed.



PCT

- (22) 01/04/2009
- (21) PCT 1335/2009
- (44) August 2017
- (45) 22/01/2018
- (11) 28472

(51)	Int. Cl. 8 B01D 3/06, B01D 3/42
(71)	1. LEHMANN, Markus (Switzerland) 2.
(=2)	3.
(72)	1. BRAENDLI, Markus 2.
	3.
(73)	1. 2.
(30)	1. (CH) 547/07 - 04-04-2007
	2. (PCT/CH2008/000143) - 01-04-2008
	3.
(74)	MARLINE EZZAT
(12)	Patent

(54) METHOD FOR DISTILLING A STARTING MATERIAL AND INSTALLATION FOR CARRYING OUT SAID METHOD

Patent Period Started From 01/04/2009 and Will end on 31/03/2029

(57) The invention relates to a method for distilling a starting material which comprises a liquid Fd to be distilled, using a gas-tight container system that is resistant to excess and/or negative pressure. Said container system comprises a condenser for condensing the liquid Fd, which has turned to vapor and whose temperature can be adjusted, to give the condensation product, and a vapor chamber connecting the evaporator and the condenser. The aim of the invention is to make sure that the vapor in the vapor chamber is free of foreign gas except for a tolerable remainder. To achieve this aim, the pressure in the vapor chamber is monitored and controlled in such a manner that distillation is always carried out in a range close to the saturation vapor pressure of the liquid Fd to be distilled. For this purpose, the pressure and the temperature in the vapor chamber have to be continuously determined. If the pressure is too high, it is reduced in such a manner that especially foreign gas is removed. The invention also relates to an installation for distillation according to method, the installation being accommodated in a container.



PCT

- (22) 28/11/2012
- (21) 1981/2012
- (44) August 2017
- (45) |24/01/2018
- (11) 28473

(51)	Int. Cl. 8 B32B 27/32, 25/08 & A61J 1/10 & B65	5D 30/02, B65D 65/40
(71)	1. OTSUKA PHARMACEUTICAL FACTORY, INC.(JAPAN) 2. 3.	
(72)	 IGARASHI, Koichi SAITO, Tetsuya NAGATA, Yasushi 	4. KAJIWARA, Yasuyuki
(73)	1. 2.	
(30)	1. (JP) 2010-125284 - 31-05-2010 2. (PCT/JP2011/062465) - 31-05-2011 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) MULTILAYER FILM AND BAG FORMED FROM MULTILAYER FILM

Patent Period Started From 31/05/2011 and Will end on 30/05/2031

(57) Disclosed is a multilayer film comprising an upper layer (A), one or more middle layers (B), and a lower layer (C), laminated in that order. The multilayer film is characterized in that: the middle layer (B) comprises the composition (b1) mentioned below, or a composition (b2); the upper layer (A) and the lower layer (C) each independently contain an ethylene polymer and/or a propylene polymer. Composition (b1) is a composition comprising: a propylene polymer (p1) having a melting point of 140 to 165?C according to differential scanning calorimetry, and a melt flow rate (MFR; ASTM D 1238, 230?C, 2.16 kg load) of 0.1 to 20 g/10 minutes; a random copolymer of propylene and ?-olefin (r1) having a molecular weight distribution of 1.0 to 3.5, as measured by gel permeation chromatography (GPC), and a melting point of 90 to 125?C, as measured by differential scanning calorimetry; and 30 wt% to 60 wt% ethylene-based elastomer (however, the sum of the blending quantities of the propylene polymer (p1), the random copolymer of propylene and ?-olefin (r1), and the ethylenebased elastomer is 100 wt%). (If the middle layer (B) is the composition (b1), the ratio of the blending quantity of the propylene polymer (p1) in the whole multilayer film to the sum of the blending quantities of the propylene polymer (p1) and the random copolymer of propylene and ?-olefin (r1) in the whole multilayer film is 0.1 to 0.35.)

Arab Republic of Egypt

Ministry of State for Scientific Research Academy of Scientific Research & Technology

Egyptian Patent Office



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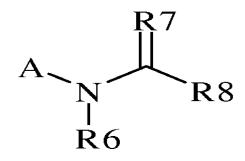
- (22) 22/10/2014
- (21) PCT/2014/0001691
- (44) July 2017
- (45) 24/01/2018
- (11) 28474

(51)	Int. Cl. 8 A01N 43/84, 43/56, 43/6	53	
(71)	1. DOW AGROSCIENCES LLC 2. 3.	C (UNITED STATES OF AMER	CICA)
(72)	 BUYSSE, Ann M. NIYAZ, Noormohamed M. DEMETER, David A. ZHANG, Yu WALSH, Martin J. KUBOTA, Asako 	7. TRULLINGER, Tony K. 8. LOWE, ChristianT. 9. KNUEPPEL, Daniel 10. PATNY, Akshay 11. GARIZI, Negar 12. LEPLAE, Paul Renee	13. WESSELS, Frank 14. HUNTER, Ricky 15. ROSS, Ronald 16. DEAMICIS, Carl 17. BORROMEO, Peter
(73)	1. 2.	•	
(30)	1. (US) 61/639,274 - 27-04-2012 2. (PCT/US2013/029615) - 07-03 3. Abdul Hadi Intellectual Property	3-2013	
(12)	Patent		

(54) PESTICIDAL COMPOSITIONS AND PROCESSES RELATED THERETO

Patent Period Started From 07/03/2013 and Will end on 06/03/2033

(57) This document discloses molecules having the following formula ("Formula One"): and processes related thereto.





PCT

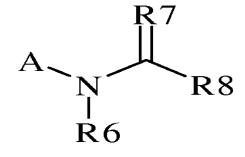
- (22) 19/06/2014
- (21) PCT/2014/0001689
- (44) July 2017
- (45) 23/01/2018
- (11) 28475

(51)	Int. Cl. 8 A01N 43/84, 43/56, 43/	653	
(71)	1. DOW AGROSCIENCES LLC 2. 3.		
(72)	 TRULLINGER, Tony K KUBOTA, Asako WESSELS Frank NIYAZ Noormohamed M WALSH, Martin J KNUEPPEL Danie 	7. KNUEPPEL Daniel 8. PATNY Akshay 9. HUNTER, Ricky 10. LOWE ChristianT 11. ZHANG Yu 12. GARIZI Negar	13. DEMETER, David A 14. LEPLAE Paul Renee 15. WALSH, Martin J 16. 16. BUYSSE, Ann M
(73)	1. 2.	, ,	
(30)	1. (US) 369274/61 – 27-04-2012 2. (PCT/US2013/029608) – 07-03-2013 3.		
(74)	Abdul Hadi Intellectual Property		
(12)	Patent		

(54) PESTICIDAL COMPOSITIONS AND PROCESSES RELATED THERETO

Patent Period Started From 07/03/2013 and Will end on 06/03/2033

(57) This document discloses molecules having the formula (I) and processes related thereto.





PCT

- (22) 11/08/2014
- (21) 1286/2014
- (44) | September 2017
- (45) 24/01/2018
- (11) 28476

(51)	Int. Cl. 8 A61M 25/02, 25/00
(71)	1. BENEDETTI INTERNATIONAL LIMITED (United Kingdome) 2. 3.
(72)	1. ASHFAQUE, Muhammad 2. 3.
(73)	1. 2.
(30)	1. (GB) 1202388.3 - 13-02-2012 2. (GB) 1220024.2 - 07-11-2012 3. (PCT/GB2013/050302) - 11-02-2013
(74)	NAHED WADIH RIZK
(12)	Patent

(54) TWO-PART CANNULA DRESSING Patent Period Started From 11/02/2013 and Will end on 10/02/2033

(57) The application relates to a two-part overlapping dressing for securing a cannula during intravenous catheterization on the skin surface of a patient. The dressing comprises a first flexible adhesive sheet provided with an opening spaced from all its peripheral edges; and a second flexible adhesive sheet. The opening in the first sheet comprises a slit, one end of which terminates in an enlarged aperture. The second sheet is dimensioned such that, when it is aligned with and adhered against the first sheet in use, it is capable of overlapping the full length of the slit so as to reduce the opening to the size of the enlarged aperture. The apparatus allows for a more secure fitting of the cannula whilst minimising the risk of infection.



PCT

- (22) 12/07/2015
- (21) 1117/2015
- (44) **September 2017**
- (45) 29/01/2018
- (11) 28477

(51)	Int. Cl. 8 B32B 15/08, 15/085 & B29C 45/14
(71)	1. NISSHIN STEEL CO., LTD. (JAPAN) 2.
	3.
(72)	1. MORIKAWA,Shigeyasu
	2. TSUJIMURA, Takao
	3. FUJII, Takahiro
(73)	1.
(-)	2.
(30)	1. (JP) 2013-007216 - 18-01-2013
(00)	2. (PCT/JP2013/002875) - 26-04-2013
	3.
(74)	Mecheil motea gad allah
(12)	Patent

(54) SHAPED AND COATED METALLIC MATERIAL, COMPOSITE, AND METHOD FOR MANUFACTURING SHAPED AND COATED METALLIC MATERIALAND COMPOSITE

Patent Period Started From 26/04/2013 and Will end on 25/04/2033

(57) The present invention pertains to a shaped and coated metallic material used in a composite having excellent performance in bonding and sealing between a shaped metallic material and a molded article of a thermoplastic resin composition. The shaped and coated metallic material has: a shaped metallic material; and, disposed above the shaped metallic material, an acid-modified polypropylene layer containing at least 40 mass% of an acid-modified polypropylene. The melt viscosity of the acid-modified polypropylene layer is 1000 to 10,000 mPa"s. The film thickness of the acid-modified polypropylene layer is at least 0.2μ m.



PCT

- (22) 07/07/2014
- (21) 1126/2014
- (44) | September 2017
- (45) 29/01/2018
- (11) 28478

(51)	Int. Cl. ⁸ F16L 15/04		
(71)	 NIPPON STEEL & SUMITOMO METAL CORPORATION (JAPAN) VALLOUREC OIL AND GAS FRANCE (FRANCE) 3. 		
(72)	 OSHIMA, Masahiro UGAI, Shin OKADA,Takashi 	 SASAKI, Masayoshi YAMAGUCHI, Suguru SUGINO, Masaaki 	
(73)	1. 2.		
(30)	1. (JP) 2012 -008922 - 19-01-2012 2. (PCT/JP2013/051363) - 17-01-2013 3.		
(74)	SMAS CO		
(12)	Patent		

(54) THREADED JOINT FOR PIPES Patent Period Started From 17/01/2013 and Will end on 16/01/2033

(57) A threaded joint for pipes comprises a pin 1 and a box 2 each having a contact surface including a threaded portion 3, 7 and an unthreaded metal contact portion. The unthreaded metal contact portion includes a sealing surface 5, 8 and a shoulder surface 9, 10, 11, 12. The shoulder surface of the pin is located on the end surface of the pin. A non-contacting region 13 in which the pin and the box do not contact each other is present between the sealing surfaces and the shoulder surfaces of the pin and the box. The threaded joint has one or more grooves formed in the shoulder surface of at least one of the pin and the box and extending to the non-contacting region and to the interior of the threaded joint. At least the contact surface of at least one of the pin and the box has a solid lubricating coating exhibiting plastic or viscoplastic rheological behavior formed thereon. The total volume V (mm3) of the grooves and the coating weight W (g) of the solid lubricating coating satisfy the equation V/W≥ 24 (mm3/g).



PCT

- (22) 08/05/2013
- (21) 0777/2013
- (44) **September 2017**
- (45) 29/01/2018
- (11) 28479

(51)	Int. Cl. 8 C22C 38/00, C22C 38/38
(71)	1. NIPPON STEEL & SUMITOMO METAL CORPORATION (JAPAN) 2. 3.
(72)	1. YAMAMOTO, Yuichiro 2. TAKESHITA, Yukiteru 3. KIRIYAMA, Kentaro 4. KATO, Takanori
(73)	1. 2.
(30)	1. (JP) 2010-257440 - 18-11-2010 2. (PCT/JP2011/076695) - 18-11-2011 3.
(74)	SMAS INTELLECTUAL PROPERTY
(12)	Patent

(54)	STEEL FOR WHEEL
	Patent Period Started From 18/11/2011 and Will end on 17/11/2031

(57) Provided is steel for a wheel, the steel having a chemical composition containing C (0.65-0.84%), Si (0.02-1.00%), Mn (0.50-1.90%), Cr (0.02-0.50%), V (0.02-0.20%), and S (0.04%), wherein [34 \leq 2.7 + 29.5 x C + 2.9 x Si + 6.9 x Mn + 10.8 x Cr + 30.3 x Mo + 44.3 x V \leq 43] and [0.76 x exp (0.05 x C) x exp (1.35 x Si) x exp (0.38 x Mn) x exp (0.77 x Cr) x exp (3.0 x Mo) x exp (4.6 x V) \leq 25], with the remainder comprising Fe and impurities, and having P : 0.05%, Cu : 0.20%, and Ni : 0.20%. This steel for a wheel has an excellent balance of wear resistance, rotational fatigue resistance, and spalling resistance, and is capable of providing a wheel with a long life.



PCT

- (22) 20/09/2016
- (21) 1548/2016
- (44) August 2018
- (45) 29/01/2018
- (11) | 28480

(51)	Int. Cl. 8 A61F 13/15, 13/49, 13/62, 13/494
(71)	1. UNICHARM CORPORATION (JAPAN) 2. 3.
(72)	 MORI, Hiroki MATSUO, Takanori MATSUO, Takanori
(73)	1. 2.
(30)	1. (JP) 2004- 063840 – 26-03-2014 2. (PCT/JP2015/054946) – 23-02-2015 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	DISPOSABLE DIAPER
	Patent Period Started From 23/02/2015 and Will end on 22/02/2035

(57) Provided is a disposable diaper that: suppresses folding, towards a nonskin-facing-surface side, of a rear end edge of the disposable diaper; and is capable of preventing leaking of excrement. A rear end edge of a waist elastic body in the disposable diaper is positioned further on the front side than a rear end edge of a diaper main body and is positioned further on the rear side than a rear end edge of an absorbent body. An outside edge of the waist elastic body is positioned further on the outside in the horizontal direction than a leg elastic body. An area extending to the rear side from the leg elastic body is an un-joined area wherein the waist elastic body and a sheet material are not joined to each other. A first virtual line (FL1) connecting a rear end section in an inside edge of the un-joined area and a rear end section in an outside edge of a fastener joining area in which the diaper main body and a fastener are joined intersects a second virtual line (FL2) passing through the center of the horizontal direction of the diaper main body, further to the rear than the rear end edge of the diaper main body, and extending in the longitudinal direction.



PCT

- (22) 06/01/2014
- (21) 0018/2014
- (44) October 2017
- (45) 30/01/2018
- (11) 28481

(51)	Int. Cl. 8 F16L 59/21, 59/22, 59/18
(71)	1. AISLAMIENTOS SUAVAL, S.A (SPAIN) 2. 3.
(72)	 SUAREZ-VALDES SUAREZ, Jose Guillermo 3.
(73)	1. 2.
(30)	1. (SE) P201131163 - 08-07-2011 2. (PCT/EP/2012000140) - 13-01-2012 3.
(74)	SMAS Intellectual Property
(12)	Patent

(54) ENCASEMENT FOR HEAT TRANSFER FLUID CONDUITS Patent Period Started From 13/01/2012 and Will end on 12/01/2032

(57) The invention relates to an encasement for heat transfer fluid conduits having: an outer layer of sheet metal and an intermediate layer below the outer layer. The intermediate layer is made of insulating material having a maximum thickness of 35 mm. The heat transfer fluid conduits are movable.



PCT

(22)	16/01/2011

- (21) 0098/2011
- (44) October 2017
- (45) 30/01/2018
- (11) 28482

(51)	Int. Cl. 8 B01D 63/10, 63/12
(71)	1. MN BETEILIGUNGS GMBH (GERMANY) 2. 3.
(72)	 MEYER-BLUMENROTH, Ulrich VOIGT, Reinhard 3.
(73)	1. 2.
(30)	1. (DE) 10 2008 036 098.8 - 04-08-2008 2. (PCT/EP2009/005471) - 29-07-2009 3.
(74)	MOSTAFA HOSSEN ELSHAFEY AND SANAA ABD ELSAMEA ABDALLAH
(12)	Patent

(54) FILTER MODULE AND SYSTEM HAVING SPIRALLY WOUND MEMBRANE FILTERS, AND METHOD FOR THE PRODUCTION THEREOF

Patent Period Started From 29/07/2009 and Will end on 28/07/2029

(57) The invention relates to a filter module having one or more spirally wound flat filter elements (10) comprising permeate outlet openings on one or two edges,- a method for the production of the filter module, and a filtration system being composed of one or more filter modules.



PCT

- (22) 30/04/2014
- (21) 0703/2014
- (44) August 2017
- (45) 31/01/2018
- (11) 28483

(51)	Int. Cl. 8 F16L 1/038
(71)	 LONG PIPES PTY LTD (Australia) 3.
(72)	 GRAHAM, Neil Deryck Bray 3.
(73)	1. 2.
(30)	1. ((PCT/AU2011/001401) – 31-10-2011 2. 3.
(74)	SHADY FAROUK MUBARAK
(12)	Patent

(54) CONSTRUCTION OF PIPES Patent Period Started From 31/10/2011 and Will end on 30/10/2031

(57) An elongate hollow structure such as a pipe and a method of constructing such an elongate hollow structure. The pipe comprises a radially inner portion and a radially outer portion, with the two portions merging together to provide an integrated tubular wall structure. The method comprising: providing the radially inner portion in the form of an inner tube and assembling the radially outer portion about the inner tube. The outer portion comprises an outer tube of fibre reinforced composite construction surrounded by a flexible outer casing. The inner tube is expanded to give form and shape to the outer portion.



PCT

- (22) 02/03/2015
- (21) 0330/2015
- (44) October 2017
- (45) 31/01/2018
- (11) 28484

(51)	Int. Cl. ⁸ B01D 53/14
(71)	1. BASF SE (GERMANY) 2. 3.
(72)	 KATZ, Torsten BARTLING, Karsten Warsten
(73)	1. 2.
(30)	1. (US) 61/696827 – 05-09-2012 2. (EP)121831325 - 05-09-2012 3. (PCT/EP2013/067217) – 19-08-2013
(74)	NAHED WADIH RIZK
(12)	Patent

PROCESS FOR SEPARATING OFF ACID GASES FROM A WATER-COMPRISING FLUID STREAM

Patent Period Started From 19/08/2013 and Will end on 18/08/2033

(57) A process for separating off acid gases from a water-comprising fluid stream is described, in which a) the water-comprising fluid stream is contacted in an absorption zone with an absorbent that comprises at least one amine, wherein a deacidified fluid stream and an acid gas-loaded absorbent is obtained, b) the deacidified fluid stream is contacted in a scrubbing zone with an aqueous scrubbing liquid, in order to transfer entrained amine at least in part to the scrubbing liquid, wherein a deaminated, deacidified fluid stream and an amine-loaded scrubbing liquid are obtained, c) the deaminated, deacidified fluid stream is cooled downstream of the scrubbing zone, wherein an absorber top condensate is condensed out of the deaminated, deacidified fluid stream, d) the loaded absorbent is passed into a desorption zone in which the acid gases are at least in part released, wherein a regenerated absorbent and desorbed acid gases are obtained, e) the regenerated absorbent is returned to the absorption zone in order to form an absorbent circuit, f) the amine-loaded scrubbing liquid and the absorber top condensate are introduced into the absorbent circuit, and g) the desorbed acid gases are conducted through an enrichment zone and the acid gases exiting at the top of the enrichment zone are cooled, in order to condense out of the acid gases a desorber top condensate which in part is returned to the enrichment zone and in part is passed out of the process. The process permits efficient retention of amines from the treated fluid streams with maintenance of the water balance of the acid gas removal plant.

Arab Republic of Egypt

Ministry of State for Scientific Research Academy of Scientific Research & Technology



GRANTED PATENTS' ABSTRACTS GAZETTE PATENTS ISSUED IN FEBRUARY 2018"

Egyptian Patent Office

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(PATENT No. 28552)	(69)

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(PATENT No. 28566)	(83)

Preface

We are on the verge of a new era which is founded on the basis of technological development and hence, we have to follow it in all fields of national development. Technology has become the basis for the increase in national income and production and hence, scientific research has become our real hope as a way for advancement and as a necessity for life.

Emerging from the responsibility of the Academy of Scientific Research and Technology towards strengthening the pillars of science and technology, I have the pleasure to introduce the Granted Patent's Abstracts of the Publication of Patents monthly, Which includes bibliographical data. This periodical is directed to all those interested in the vital field of Intellectual property which encompasses patents, innovations and creative works.

I hope that this publication meets its targeted objective, namely increasing the welfare, prosperity and advancement for our beloved country, Egypt.

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

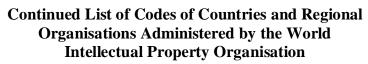
Bibliographic data

Bibliographic data	symbol
Patent Number	11
Patent Kind	12
Application Number	21
Filing Date	22
Priority Number	
Priority Date	30
Priority Country	
Issuance Date	45
International Patent Classification	51
Title	54
Abstract	57
Applicant Name	71
Inventor Name	72
Patentee Name	73
Patent Attorney Name	74



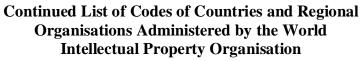
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Code	Country
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AR	Argentina
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CO	Colombia

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IE	Ireland



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KZ	Kozakhstan
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MG	Madagascar

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RW	Rwanda
SA	Saudi Arabia



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TR	Turkey
TT	Trindad and Topago
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UZ	Uzbekistan
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YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe

ABSTRACTS FOR GRANTED PATENTS February (2018)



PCT

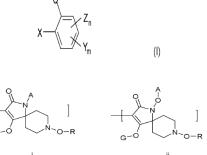
- (22) 26/05/2014
- (21) 0855/2014
- (44) **September 2017**
- (45) 04/02/2018
- (11) 28485

(51)	Int. Cl. 8 A01N 47/02
(71)	1. SYNGENTA PARTICIPATIONS AG (SWITZERLAND) 2. 3.
(72)	 BUCHHOLZ, Anke HATT, Fabienne RINDLISBACHER, Alfred MUEHLEBACH, Michel
(73)	1. 2.
(30)	1. (EP) 11191433.9 - 30-11-2011 2. (EP) 11192621.8 - 08-12-2011 3. (PCT/EP2012/073890)- 29-11-2012
(74)	NAHED WADIH RIZK
(12)	Patent

(54) PESTICIDAL MIXTURES INCLUDING SPIROHETEROCYCLIC PYRROLIDINE DIONES

Patent Period Started From 29/11/2012 and Will end on 28/11/2032

(57) A pesticidal mixture comprising as active ingredient a mixture of component A and component B, wherein component A is a compound of formula (I), in which Q is i or ii wherein X, Y and Z, m and n, A, G, and R, are as defined as in claim 1, and component B is a compound selected from the following insecticides: a), pymetrozine; b). a pyrethroid selected from the group consisting of cyhalothrin, lambda-cyhalothrin, gamma-cyhalothrin; c). a macrolide selected from the group consisting of abamectin, emamectin benzoate, and spinetoram; d). a diamide selected from the group consisting of chlorantraniliprole and cyantraniliprole; e). thiamethoxam; f). sulfoxaflor; g). cyenopyrafen. The present invention also relates to methods of using said mixtures for the control of plant pests.



2



PCT

- (22) 10/04/2014
- (21) 0573/2014
- (44) August 2017
- (45) 04/02/2018
- (11) 28486

(51)	Int. Cl. 8 E21B 43/08, E21B 43/12
(71)	1. SCHLUMBERGER Technology B.W (NETERLAND)
	2.
	3.
(72)	1. GREENE, Robin
	2. MOEN, Terje
	3.
(73)	1.
	2.
(30)	1. (US) 13/646,862 - 08-10-2012
(/	2. (US) 61/546,471- 12-10-2011
	3. (PCT/US2012/059274) - 09-10-2012
(74)	ABDEL HADY INTELLECTUAL PROPERTY
(12)	Patent

(54) SYSTEM AND METHOD FOR CONTROLLING FLOW THROUGH A SAND SCREEN Patent Period Started From 09/10/2012 and Will end on 08/10/2032

(57) A system and methodology utilizes a technique for filtering sand; distributing a flow of fluid; e.g. distributing an inflow of gas or condensate; and limiting the potential for erosion of completion components in a wellbore. The technique may be useful in production applications, but the technique also can be used in fluid injection applications, e.g. gas injection applications. The technique employs a base pipe and a sand screen surrounding the base pipe. The base pipe comprises a plurality of flow restriction openings of reduced size and deployed in a selected pattern along the base pipe. The size and arrangement of the flow restriction openings reduces the peak flux of radial fluid flow through the sand screen to a rate less than a sand screen erosion rate.



PCT

- (22) 31/03/2015
- (21) 0486/2015
- (44) August 2017
- (45) 04/02/2018
- (11) 28487

(51)	Int. Cl. 8 C08L 23/14& B29C 45/00& B65D 1/26&C08K 5/00
(71)	 BOREALIS AG (AUSTRIA) ABU DHABI POLYMERS CO LTD (BOROUGE) (UNITED ARAB EMAIRATES) 3.
(72)	1. 2. JOHNSEN, Geir, Kristian 3. LAMPELA, Janne ONG, James
(73)	1. 2.
(30)	1. (EP) 12007059.4 - 11-10-2012 2. (PCT/EP2013/002311) - 02-08-2013 3.
(74)	AMRO ELDEEP
(12)	Patent

(54) NUCLEATED POLYPROPYLENE COMPOSITION FOR CONTAINERS

Patent Period Started From 02/08/2013 and Will end on01/08/2033

(57) The present invention provides a moulded container for food packaging comprising, preferably consisting of, a polypropylene composition, the polypropylene composition comprising -a propylene homo- or copolymer (A) having (i)a melt flow rate, determined according to ISO 1133 at 230 °C and under a load of 2.16 kg, of at least 25 g/10 min; and (ii)in case component (A) is a copolymer, a comonomer content of not more than 5.0 wt.%; and a nucleating agent (B), and the use of such a polypropylene composition for the manufacture of a moulded container.



PCT

- (22) 25/02/2013
- (21) 0298/2013
- (44) August 2017
- (45) |04/02/2018
- (11) 28488

(51)	Int. Cl. 8 A01N 43/90, 43/88 43/54, A01P13/02
(71)	1. DOW AGROSCIENCES LLC (UNITED ARAB EMAIRATES) 2. 3.
(72)	 MANN, Richard, K HUANG, Yi-hsiou
(73)	1. 2.
(30)	1. (US) 61/378,130 - 30-08-2010 2. (PCT/US2011/049480)- 29-08-2011 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

Patent Period Started From 29/08/2011 and Will end on 28/08/2031

(57) A synergistic mixture of penoxsulam and bentazon controls weeds in crops, especially rice and other cereal and grain crops, pastures, rangelands, IVM and turf. In addition to providing improved postemergence herbicidal weed control, the mixture safens damage to rice.



PCT

- (22) 13/10/2014
- (21) 1617/2014
- (44) November 2017
- (45) 06/02/2018
- (11) 28489

(51)	Int. Cl. 8 C08L 61/06 & C10G 33/04
(71)	1. EGYPTIAN PETROLEUM RESEARCH INSTITUTE (EPRI) (EGYPT)
	2. 3.
(72)	1. MAHMOUD REYAD NOOR EL-DIN MAHMOUD
(12)	2. AHMED MOHAMED AHMED EL-SABAGH
	3. AZIZA EL-SAYED EL-TABEI
	4. MOHAMED EL-SAYED HASEEB MORGAN
(73)	1.
(1-7)	2.
(30)	1.
()	2.
	3.
(74)	KHALID ABDUL ZAHIR
(12)	Patent

(54) Synthesis of poly nonyl phenol ethoxylated formaldehyde for treating petroleum

Patent Period Started From 13/10/2014 and Will end on 30/10/2034

(57) The present invention aimed to synthesis of poly nonyl phenol ethoxylated formaldehyde for treating petroleum emulsions of paraffinic type. The said product was prepared by react of ethoxylated nonyl phenol with the formaldehyde in presence of para toluene sulfonic acid as catalyst at temperature ranging from 80 to 100 °C for 3 hours. The molecular weight of the prepared poly nonyl phenol ethoxylated formaldehyde is ranging from 1500 to 4000..



PCT

- (22) 16/12/2014
- (21) 2030/2014
- (44) November 2017
- (45) 06/02/2018
- (11) 28490

(51)	Int. Cl. 8 C01B 31/08
(71)	 NATIONAL RESEARCH CENTER (EGYPT) Cairo University College of Science (Egypt) 3.
(72)	 ALTAF HALIM BASTA MAKKAR HOUSSNI EL-SAIED MOHAMMED ALI AMIN MAHMOUD MOHAMED BARAKA VIVIAN FAYEZ LOTFY
(73)	1. 2.
(30)	1. 2. 3.
(74)	MAGDA MHASSEB ELSAYED - AMAL YOSEF AHMED - MONA MOHAMED FAREED
(12)	Patent

(54) APPROACH FOR PREPARATION OF XEROGEL AS PRECURSOR FOR PRODUCTION HIGH PERFORMANCE ACTIVATED CARBON

Patent Period Started From 16/12/2014 and Will end on 15/12/2034

(57) This invention we used approach we used approach for production of activated carbon from xerogel, characterized by high adsorption capacity, yield besides preserving the environment from pollution which results from unreacted formaldehyde, with resorcinol., as well as the evolution of gasses during pyrolysis process, also in comparison with that produced from agricultural wastes, e.g., rice-byproducts. The approach was performed by using propionaldehyde and butyraldehyde instead of formaldehyde. This led to produce active carbon with yield "M 68%5 surface area based on yield °VY 571.9 mVg AC, and adsorption capacity of methylene blue176 > ^ mg/g AC . The invented AC superior the reference imported AC towards adsorption capacity of methylene blue dye (A)81.3 .f mg/g AC).



PCT

- (22) 15/03/2015
- (21) 0391/2015
- (44) November 2017
- (45) 06/02/2018
- (11) 28491

(51)	Int. Cl. 8 B27K 3/02, C01B 33/16, C08L 97/02
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)
	2.
	3.
(72)	1. ALTAF HALIM BASTA MAKKAR
(, =)	2. HOUSSNI EL-SAIED MOHAMMED ALI
	3. AMIN MAHMOUD MOHAMED BARAKA
	4. VIVIAN FAYEZ LOTFY
(73)	1.
, ,	2.
(30)	1.
	2.
	3.
(74)	MAGDA MHASSEB ELSAYED - AMAL YOSEF AHMED - MONA MOHAMED FAREED
(12)	Patent

(54) APPROACH FOR ENHANCING THE UTILIZATION OF XEROGEL IN PRODUCTION OF AGRO- AND UREAFORMALDEHYDE-BASED ARTIFICIAL WOOD. Patent Period Started From 15/03/2015 and Will end on 14/03/2035

The present invention deals with approach to produce lignocellulosic composites using Urea-formaldehyde-carbon xyrogel environmental friendly adhesive system. The preparation of carbon xyrogel depends on nonconventional aldehyde, which is characterized by excellent HCHO-adsorption capacity (200 mg/gm carbon). This value is higher than that obtained from HCHO-based xyrogel. Moreover this invented adhesive system provided low free-formaldehyde lignocellulosic composites (17 mg/100 g wood) together with providing improvement in strength properties, e.g., modulus of rupture (26 MPa), modulus of elasticity (4082 MPa), internal bond strength (0.44 MPa). These values comply those reported in ANSI and Egyptian standards for particle-board type. In addition this particle-board is environmental friendly wood product.



PCT

- (22) 12/01/2015
- (21) |0051/2015
- (44) November 2017
- (45) 07/02/2018
- (11) 28492

(51)	Int. Cl. 8 E01C 23/88
(71)	1. MOHAMED HASSAN MOHAMMED ZEINY (EGYPT)
	2. 3.
(72)	1. MOHAMED HASSAN MOHAMMED ZEINY
	2. 3.
(73)	1.
(20)	2.
(30)	1. 2.
	3.
(74)	
(12)	Patent

(54) Integrated water pressure control unit in ascending pipes Patent Period Started From12/01/2015 and Will end on11/01/2035

(57) Is an integrated system designed to help the motor to pump water to the upper floors and equal pressure to allow the speed of water rise while ensuring the length of time that separates the motor, which keeps the motor from damage while maintaining water pressure in case of separation of the motor because in the past was the pressure of water in The case of motor separation is very weak and takes longer time to work again but this system works to make the water works the same pressure in case of motor separation or motor operation



PCT

- (22) 12/02/2014
- (21) 202/2014
- (44) November 2017
- (45) 07/02/2018
- (11) 28493

(51)	Int. Cl. 8 B61D 15/22, 15/08
(71)	1. ELSAYED MOHAMMAD ELSAYED ABD EL-RASSOUL (EGYPT) 2.
(72)	3. 1. ELSAYED MOHAMMAD ELSAYED ABD EL-RASSOUL
(72)	2.
	3.
(73)	1.
,	2.
(30)	1.
, ,	2.
	3.
(74)	
(12)	Patent

A method for the determination of the temperature of starting the reaction between solids and gases using gas chromatographic technique"

Patent Period Started From 12/02/2014 and Will end on 11/02/2034

(57)

This patent deal with a method for the determination of the temperature of starting the reaction between solids and gases using a gas chromatograph in which the column is a silica tube filled with the reacting solid. A small dose of the reactive gas is injected into the silica tube at room temperature through the flow of the gas carrier (Argon). As the result, the reactive gas will appear as a peak of an area proportional to the dose. As the temperature increases the area of the peak decreases and completely disappears when the temperature reaches the starting of the reaction and then the peak of the reactive gas completely disappears.



PCT

(22) 20/01/2013

(21) 0103/2013

(44) November 2017

(45) 07/02/2018

(11) 28494

- (51) Int. Cl. 8 F15B 13/043
- SCIENCE AND TECHNOLOGY DEVELOPMENT FUND (EGYPT) **(71)**
- MAHMD AHMED EL GAMEL (72)
 - SAAD ABDUL FATTAH QASIM
 - SEIF ALLA YOSIF KHORSHED
- (73)1.
- (30)
- MARWA ALAA EL DIN MOHAMED ABDEL-MEGUID (74)
- (12)Patent
- **(54)** HYDRAULIC SERVOVALVE WITH SELF MAIN SPOOL POSITION FEEDBACK AND CLOSED CENTER PILOT STAGE

Patent Period Started From 20/01/2013 and Will end on 19/01/2033

(57) Two stage hydraulic servovalve, where its pilot stage is a shaft inserted inside its main spool. The valve can replace two or more stages servovalve with medium to large flow rates. The pilot stage is a closed center valve type. Pilot orifices are opened by turning pilot shaft about its axis, while they are closed by the main spool movement, thus the valve is self-main spool position feedback. Valve design is well suited to use either the commonly used torque motors or the traditional low cost electric disc motors for drive. Closed center pilot stage and traditional driving devices lead to reduce manufacturing, operation and maintenance costs and improve speed of response and dynamic behavior.



PCT

- (22) 26/12/2013
- (21) 1988/2013
- (44) November 2017
- (45) 07/02/2018
- (11) 28495

(51)	Int. Cl. 8 A01G 13/02, 25/14 & E03D 1/00 & C02F 1/18
	1. REDA MOHAMED ALI (EGYPT)
(71)	2.
	3.
(72)	1. REDA MOHAMED ALI
	2.
	3.
(73)	1.
	2.
(30)	1.
	2.
	3.
(74)	
(12)	Patent

DEVICE TO COLLECT RAINS AND EVAPORATED WATER FOR PLANTING OVER SALT AND BRACKISH SHALLOW WATER

Patent Period Started From 26/12/2013 and Will end on 25/12/2033

(57)

The presented device has been used as a tool to collect evaporated water, through ribbed plastic semi transparence conical condenser and evaporator, wherein floating planters over salt and polluted water can receive water to cultivate some plants. The main parts of the device are:-

- 1. The condenser (upper part)
- 2. The evaporator (middle part)
- 3. The containers (lower part)
- 4. Different fixing means (outer part)



PCT

- (22) 19/08/2008
- (21) | 1400/2008
- (44) November 2017
- (45) 07/02/2018
- (11) 28496

(51)	Int. Cl. 8 A61B 17/02
(71)	1. MOHAMMAD YASSER SAAD SAYED AHMED GHONEIM (EGYPT) 2. 3.
(72)	1. MOHAMMAD YASSER SAAD SAYED AHMED GHONEIM 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DOUBLE HINGED ARMS SPINAL RETRACTOR WITH DISTAL ARTICULATION Patent Period Started From 19/08/2008 and Will end on 18/08/2028

The Double Hinged Arms Spinal Retractor with Distal Articulation consists of handle and shafts which connected to arms by a first hinge, and arms in its extreme distal end connected to prongs in the middle of its transverse bar through a second distal articulating hinge that gives the ability for arms to be parallel to prongs direction in is midway with 180 degrees range of movement to both sides providing complete and perfect muscle retraction as direction of prongs will be always perpendicular to muscle fibers direction with no muscle fibers injury and no protruded muscle fibers to be excised resulting in minimal bleeding, also it allows to shift handle and shaft from one wound end to the opposite one with simple and easy way without need of removing and re-application with stabilized prongs direction to be always perpendicular to muscle fibers direction in different wound depths, and helps in shorten the length of surgical incisions comparing to other kinds of retractors, with overall result of clean and clear surgical field, perfect to perform all surgical techniques required in posterior spinal surgeries with higher safety and less complications. Also, when produced in different sizes, could be used in different surgical procedures where retraction of deep tissues is required to be parallel to wound sides.



PCT

- (22) 27/10/2014
- (21) 1717/2014
- (44) November 2017
- (45) |07/02/2018
- (11) 28497

(51)	Int. Cl. ⁸ G10H 1/42 & H04M 1/58 & H03K 19/21
(71)	1. MEDHAT MANSOUR MAOUD ABADER (EGYPT) 2.
	3.
(72)	1. MEDHAT MANSOUR MAOUD ABADER
	2. 3.
(73)	1.
(20)	2.
(30)	1. 2.
	3.
(74)	
(12)	Patent

(54) Design set to spray scent at show time for movies and method of working Patent Period Started From 27/10/2014 and Will end on 26/10/2034

- Our patent is design set connected between receiver and TV to spray scent at show time for movies
 - We can put DTMF (Dual-tone multi-frequency) at movie track in a montage method
 - When movie show, the set decode DTMF by IC8870 circuit to know which tone worked and it give us electrical signal to operate the one of scent spray which connected with circuit at tone point



PCT

- (22) 07/04/2014
- (21) 0547/2014
- (44) November 2017
- (45) 07/02/2018
- (11) 28498

(51)	Int. Cl. 8 F24C 15/32
(71)	1. WALEED SAYED ABD ALLAH RAYES (EGYPT) 2.
(72)	3. 1. WALEED SAYED ABD ALLAH RAYES
	2. 3.
(73)	1. 2.
(30)	1. 2.
	3.
(74)	
(12)	Patent

(54) COLLECTING AND TRANSFERRING RUBBISH CAR WORKING THROUGH RUBBISH CYCLE SYSTEM

Patent Period Started From 07/04/2014 and Will end on 06/04/2034

(57) The patent idea depends on an innovative car designed for collecting and transferring home rubbish through exchange of an full rubbish container with another empty one in an easy way then dump the container in the sorting yard through an hydraulic tipper on a moving belt. Then the manpower sort the rubbish to a soft and solid rubbish which the last one could reach 30 % to be recycled and remanufactured. The belt dump the soft rubbish in a big car to be squeezed and transferred to the public landfills. The car can maneuver in the narrow streets and manpower can collect rubbish from homes directly.



PCT

- (22) 06/08/2012
- (21) | 1374/2012
- (44) November 2017
- (45) 07/02/2018
- (11) 28499

(51)	Int. Cl. ⁸ G01B 7/00
(71)	1. SALAH HAMED RAMADAN ALI (EGYPT)
	2.
	3.
(72)	1. SALAH HAMED RAMADAN ALI
	2. AMRO SALAH HAMED RAMADAN ALI
	3.
(73)	1.
(, 0)	2.
(30)	1.
(00)	2.
	3.
(74)	
(12)	Patent

(54) NEW MEASUREMENT METHOD FOR INSPECTION AND EVALUATION THE DIMENSIONS AND SURFACE OF TILES WITH HIGH ACCURACY

Patent Period Started From 06/08/2012 and Will end on 05/08/2032

(57) The current patent based on a new measurement method of the dimensions and surface quality for ceramic oblong large-scale tile, all tiles and engineering surfaces. The strategy of this measurement method is based on determine the highest actual values and locations of geometrical straightness form. Therefore, the highest percentage values of the important parameters like center of curvature, center of edge and warpage have been estimated precisely in details. More over, expanded uncertainty budgets in measurement have been estimated. The obtained results are assuring achieve and showed not only better accurate measurement method of parameters, but also improved the surface quality of products significantly compared to the traditional international standards method.



(22) 24/12/2012

(21) 2122/2012

(44) November 2017

(45) 07/02/2018

(11) | 28500

(51)	Int. Cl. 8 A01N 25/14 & A01P 7/00
(71)	1. HAMDY ALI ALI ELDOKSCH (EGYPT) 2. CENTRAL LABORATORY FOR PESTICIDES, AGRICULTURAL RESEARCH CENTER, 3. MINISTRY OF AGRICULTURE (EGYPT)
(72)	1. HAMDY ALI ALI ELDOKSCH 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	HAMDY ALI ALI ELDOKSCH
(12)	Patent

(54) ROTACIN CONTAINING WETTABLE FUNGICIDAL Patent Period Started From 24/12/2012 and Will end on 23/12/2032

(57) An object of the present invention is to provide a fungicide / bactericide composition that is highly safe and has a strong fungicidal and bactericidal effects especially for controlling cotton root rot and seedling death and potato brown rot disease. The pesticide composition contains Rotacin wettable powder with caraway oil (5-30%), glecerol (2-15%), non-ionic and anionic surfactant, citric acid (0.3-5%). The formulation may also include a solid carrier (60-90%) as a vehicle. The pesticide preparation rely on homogenous distribution of active and inert ingredients through the solid carrier molecules. The pesticide composition applied as seed protectant coating or dressing using the rate of 5-10 gm/kg seeds.



PCT

- (22) 29/03/2013
- (21) 0546/2016
- (44) November 2017
- (45) 07/02/2018
- (11) 28501

(51)	Int. Cl. 8 F03G 6/06
(71)	1. IBRAHIM SYED KARIM FAHMY (EGYPT) 2. 3.
(72)	1. IBRAHIM SYED KARIM FAHMY 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) A DEVICE FOR MEASURING THE IMPACT OF WAVES ALZBZBAH Patent Period Started From 29/03/2013 and Will end on 28/03/2033

(57) The invention relates to device for measuring the impact of waves Alzbzbah which is based on the idea of resonance between the tendons building along with equal frequency waves in order to have equal (or weak wave or half of it, and so on) with the fundamental wave and with the repetition of doubling the length or Mnasfth will add another ring with the control method the formation of the form of waves.



PCT

- (22) 17/02/2014
- (21) 0226/2014
- (44) November 2017
- (45) 07/02/2018
- (11) 28502

(51)	Int. Cl. 8 A61F 5/42
(71)	1. AHMED ABOUL FOTOUH ELSAYED ABD ALLAH (EGYPT)
(72)	1. AHMED ABOUL FOTOUH ELSAYED ABD ALLAH
(73)	1.
(30)	1.
(74)	
(12)	Patent

(54) Different angles prone traction device for cervical spine Patent Period Started From 17/02/2014 and Will end on 16/02/2034

- 1- Tow adjustable bars of metal with wide base of support carry the traction unit 2-The traction unit is formed of an outer metal frame which is empty from the middle used as a way for movement of another inner metal frame which can move within the outer one by small wheel. The inner frame is well-padded to contain the patient head, there is a well-padded area for the patient forehead and another well-padded area for the patient chine and the head fixed by a strap which attached to the traction unit and attached to the traction rope.
 - 3-Weights for traction attached to the other end of the rope
 - 4- The device can be adjusted to different angles to allow traction for cervical spine from prone position with neck flexion or side bending or both according to the disc lesion direction
 - 5- The patient is in prone position on a bed closed to the traction device and his head out of the bed and relaxed in the traction unit, the fore head in its place and the chine also in its place and the head is fixed by the strap and its tow ends attached to the rope.
 - 6-Weights added gradually to start the traction from this position.



PCT

- (22) 03/12/2012
- (21) 2002/2012
- (44) October 2017
- (45) 11/02/2018
- (11) 28503

(51)	Int. Cl. 8 G21C 11/06, 1/07 & G21F 3/04
(71)	1. PEBBLE BED MODULAR REACTOR (PTY) LTD (South Africa)
	2.
	3.
(72)	1. ERASMUS, Christiaan
	2. HINDLEY, Michael, Philip
	3.
(73)	1.
(-)	2.
(30)	1. (IB) 2010/04028 - 04-06-2010
(00)	2. (PCT/IB2011/052437) - 03-06-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) NEUTRON REFLECTOR BOCK, SIDE REFLECTOR INCLUDING THE NEUTRON REFLECTOR BLOCK AND NUCLEAR REACTOR HAVING SUCH SIDE REFLECTOR

Patent Period Started From 03/06/2011 and Will end on 02/06/2031

(57) The invention relates to a neutron reflector block. The neutron reflector block comprises a first portion and a second portion. The first portion has a first end face and oppositely located intermediate shoulders which are spaced from the first end face. The first end face and the intermediate shoulders are bounded by spaced side faces and spaced upper and lower faces. The second portion protrudes from the first portion between the intermediate shoulders and has spaced side faces and spaced upper and lower faces. The second portion side faces are more narrowly spaced relative to the first portion side faces. The second portion also has a second end face located oppositely to the first end face.



(22) | 15/10/2012 (21) | 1761/2012

(44)

(45)(11)

(45) 28504

PCT

(51)	Int. Cl. 8 C09K 5/04
(71)	1. E. I. DU PONT DE NEMOURS AND COMPANY (UNITED STATES OF AMERICA)
	2. 3.
(72)	1. KONTOMARIS, Konstantinos
	2. LECK, Thomas, J. 3.
(73)	1,
` ′	2.
(30)	1. (US) 61/324,984 - 16-04-2010 2. (PCT/US2011/032072) - 12-04-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CHILLERS CONTAINING COMPOSITION COMPRISING 2,3,3,3-TETRAFLUOROPROPENE AND 1,1,1,2-TETRAFLUOROETHANE, AND METHODS OF PRODUCING COOLING THEREIN

Patent Period Started From 12/04/2011 and Will end on 11/04/2031

Disclosed herein is a chiller apparatus containing a composition comprising from about 6 to about 70 weight percent 2,3,3»3-tetrafluoropropene and from about 30 to about 94 weight percent 1,1,1,2tetrafluoroethane. Also disclosed herein are compositions comprising from about 58.0 to about 59.5 weight percent 2,3,3,3-tetrafluoropropene and from about 42.0 to about 40.5 weight percent 1,1,1,2tetrafluoroethane. Also disclosed herein are compositions comprising from about 54.0 to about 56.0 weight percent 2,3,3,3-tetrafluoropropene and from about 46.0 to about 44.0 weight percent 1,1,1,2tetrafluoroethane. Also disclosed herein is a composition comprising a refrigerant consisting essentially of from about 58.0 to about 59.5 weight percent 2,3,3,3-tetrafluoropropene and from about 42.0 to about 40.5 weight percent 1,1,1,2-tetrafluoroethane. Also disclosed herein is a composition comprising a refrigerant consisting essentially of from about 54.0 to about 56.0 weight percent 2.3.3.3tetrafluoropropene and from about 46.0 to about 44.0 weight percent 1,1,1,2-tetrafluoroethane. Also disclosed herein is a method for producing cooling in a chiller. The method comprises (a) evaporating a liquid refrigerant comprising from about 6 to 70 weight percent 2,3,3,3-tetrafluoropropene and from about 30 to 94 weight percent 1,1,1,2-tetrafluoroethane in an evaporator having a heat transfer medium passing therethrough thereby producing a vapor refrigerant; and (b) compressing the vapor refrigerant in a compressor, wherein the volumetric cooling capacity of the refrigerant is greater than the individual volumetric cooling capacities of both 2,3,3,3-tetrafluoropropene and 1,1,1,2-tetrafluoroethane alone. Also disclosed herein is a method for replacing a refrigerant in a chiller designed for using hfc-134a or cfc-12 as refrigerant, comprising charging said chiller with a composition comprising a refrigerant consisting essentially of from about 6 to 70 weight percent 2,3,3,3-tetrafluoropropene and from about 30 to 94 weight percent 1,1,1,2-tetrafluoroethane thereby increasing the cooling capacity of the chiller.



PCT

- (22) 01/06/2015
- (21) 0844/2015
- (44) October 2017
- (45) 11/02/2018
- (11) 28505

(51)	Int. Cl. 8 B22D 41/02, B22D 41/08
(71)	1. REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG (AUSTRALIA) 2. 3.
(72)	 MARANITSCH, Alexander HOECK, Matthias KIRSCHEN, Marcus
(73)	1. 2.
(30)	1. (EP) 13150422.7 - 07-01-2013 2. (PCT/EP2013/075299) - 03-12-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	FIREPROOF CERAMIC BOTTOM	
	Patent Period Started From 03/12 /2013 and Will end on 02/12/2033	
(57)	The invention relates to a fireproof ceramic bottom in the connection	

region to at least one wall of a vessel for handling high-temperature melts.



PCT

- (22) 11/11/2015
- (21) 1784/2015
- (44) October 2017
- (45) 11/02/2018
- (11) 28506

(51)	Int. Cl. 8 C07C 273/04	
(71)	1. OTKRYTOE AKTSIONERNOE OBSCHE	STVO RESEARCH & DESIGN INSTITUTE OF
	2. UREA AND ORGANIC SYNTHESIS PRO	DUCTS (OAO NIIK) [United Russia]
	3.	
(72)	1. SERGEEV, Yury Andreevich	6. PROKOPYEV, Aleksandr Alekseevich
()	2. ANDERZHANOV, Rinat Venerovich	6. KUZNETSOV, Nikolai Mikhailovich
	3. VOROBYEV, Aleksandr Andreevich	7. ESIN, Igor Veniaminovich
	4. SOLDATOV, Alexei Vladimirovich	8. KOSTIN, Oleg Nikolaevich
	5. LOBANOV, Nikolai Valeryevich	, 6
(73)	1.	
()	2.	
(30)	1. (RU) 2013122512 - 15-05-2013	
(50)	2. (PCT/RU2014/000329) - 07-05-2014	
	3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) METHOD FOR PRODUCING CARBAMIDE Patent Period Started From 07/05/2014 and Will end on 06/05/2034

Carbamide is produced from ammonia and carbon dioxide under an increased temperature and pressure and with a molar ratio of nh3:co2=(3.4-3.7): 1 in a carbamide synthesis reactor. Gases and a liquid carbamide synthesis melt are discharged separately from the carbamide synthesis reactor. Excess ammonia is separated off from the carbamide synthesis melt by separation under a pressure of 9-12 mpa and a subsequent two-stage distillation of the melt, wherein the first distillation stage is carried out under a pressure of 9-12 mpa in a stream of c02 (35-40% of the total quantity thereof introducible into the process), and the second distillation stage is carried out under a low pressure. The gases from the distillation are condensed forming recirculatable ammonium carbonate solutions (ac), wherein the gases of the first distillation stage are condensed in two subsequent zones at the pressure of the first distillation stage. In the first zone, condensation is carried out with a portion of the ammonium carbonate solution, which is produced on condensation of the gases from the second distillation stage, being introduced, and the condensing vapours are cooled with the condensate, which boils under a positive pressure, so as to produce a vapour. 75 - 85% of the gases separated off at the separation stage are introduced into the first zone of condensation of the gases from the first distillation stage, and the remaining quantity of gases separated off at the separation stage are conducted, together with the gases, out of the synthesis reactor and into the second zone of condensation of the gases from the first distillation stage. In the second zone of condensation of the gases from the first distillation stage, the condensing vapours are cooled by return water, the ammonium carbonate solution emerging from the second zone of condensation is directed into the reactor, gases which are not condensed in the second zone are scrubbed under the same pressure by another portion of the ammonium carbonate solution produced on condensation of the gases from the second distillation stage, and the resulting ammonium carbonate solution is introduced into the second zone of condensation, the technical result is the production, in the first zone of condensation of the gases from the first distillation stage, of a vapour with parameters ensuring the use of said vapour in subsequent stages of the carbamide production process.



PCT

- (22) 05/06/2016
- (21) | 0952/2016
- (44) November 2017
- (45) 11/02/2018
- (11) 28507

(51)	Int. Cl. 8 A63B 21/08, 22/08
(71)	 MAGDY MUHAMMAD AL-SAQQA AL-LOZY (EGYPT) Sports Authority of the Egyptian Armed Forces (Egypt)
	3.
(72)	 MAGDY MUHAMMAD AL-SAQQA AL-LOZY Sports Authority of the Egyptian Armed Forces 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	AHMED MUSTAFA IBRAHIM AL-FAKHRANY
(12)	Patent

(54) AN AUTO EQUIPMENT FOR PERFORMING AND EVALUATING PHYSICAL EXERCISES

Patent Period Started From 05/06/2016 and Will end on 04/06/2036

(57) The present invention relates to auto equipment for performing and evaluating four physical exercises (push-up, pull-up, sit-up and burpees exercises). The equipment consists of a metal body. A plurality of sensors is provided at pre-determined locations after determining the joint abutting points for each exercise. The determinants of each exercise should be put into consideration to achieve the optimal exercise performance. The results are displayed, registered and analyzed through a control unit and a processing and display unit without human interference. The later unit can be connected to an information network, if desired.



PCT

(22) 08/04/2013

(21) PCT/2013/0000663

(44) August 2017

(45) 18/02/2018

(11) 28508

(51)	Int. Cl. 8 A01N 43/50 A61k 31/415	
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.	
(72)	1. BUYSSE, Ann 2. TRULLINGER, Tony K 3. MCLEOD, CaSandra Lee 4. LEPLAE, Paul Renee 5. DAEUBLE, John F	7. YAP, Maurice C. H 8. JOHNSON, Timothy C 9. HUNTER, Ricky 10. GARIZI, Negar
(73)	1. 2.	
(30)	1. (US) 61/409,739 - 03-11-2010 2. (PCT/US2011/058571)- 31-10-2011 3.	
(74)	ABD ELHADI OFFICE	
(12)	Patent	

(54) PESTICIDAL COMPOSITIONS AND PROCESSES RELATED THERETO

Patent Period Started From 31/10/2011 and Will end on 30/10/2031

(57) This disclosure is related to the field of processes to produce pyridalylimidazolyl derivatives that are useful as pesticides (e.g., acaricides, insecticides, molluscicides, and nematicides), such molecules, and processes of using such molecules to control pests.



PCT

- (22) 20/03/2013
- (21) 0640/2013
- (44) October 2017
- (45) 12/02/2018
- (11) 28509

(51)	Int. Cl. ⁸ B01J 8/00, 19/00 & C09K 3/00
(71)	1. GRUPO PETROTEMEX, S.A. DE C.V. (UNITED STATES OF AMERICA) 2. 3.
(72)	 SHAIKH, Ashfaq MASON, J. Derek MASON, J. Derek
(73)	1. 2.
(30)	1. (US) 12/887,535 - 22-09-2010 2. (PCT/US2011/052542) - 21-09-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHODS AND APPARATUS FOR EHNANCED GAS DISTRIBUTION Patent Period Started From 21/09/2011 and Will end on 20/09/2031

(57) Methods and apparatus for introducing a gas into the reaction zone of a reactor. Such methods and apparatus can more evenly distribute the gas throughout the reaction zone. Sparg - ers for introducing a gas into the reaction zone of a reactor can be employed in systems and methods for carrying out the liquid - phase oxidation of an oxidizable compound, such as para - xylene.



PCT

- (22) 17/02/2013
- (21) 0255/2013
- (44) October 2017
- (45) 12/02/2018
- (11) 28510

(51)	Int. Cl. 8 C22B 5/00
(71)	1. GRUPO PETROTEMEX, S.A. DE C.V. (Mexico) 2. 3.
(72)	1. PARKER, Kenny, Randolph 2. 3.
(73)	1. 2.
(30)	1. (US) 12/860,135 - 20-08-2010 2. (PCT/US2011/047500) - 12-08-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	IMPROVING TELEPHTHALIC ACID PURGE FILTRATION
	RATE BY CONTROLLING % WATER IN FILTER FEED
	SLURRY
	Patent Period Started From 12/08/2011 and Will end on 11/08/2031

(57) The process relates improving the recovery of a metal catalyst from an oxidizer purge stream produced in the synthesis of carboxylic acid, typically terephthalic acid, while utilizing pressure filtration.



PCT

- (22) 24/07/2013
- (21) 1216/2013
- (44) August 2017
- (45) | 12/02/2018
- (11) 28511

(51)	Int. Cl. 8 A01N 43/90, A61K 31/519	
(71)	 DOW AGROSCIENCES LLC (UNI 3. 	TED STATES OF AMERICA)
(72)	 ECKELBARGER, Joseph D EPP, Jeffrey B LOWE, Christian T SCHMITZER, Paul R 	5. SIDDALL, Thomas L6. YERKES, Carla N7. GUENTHENSPBERGER, Katherine A
(73)	1. 2.	
(30)	1. (US) 61/435,925 - 25-01-2011 2. (PCT/US2012/022286) - 24-01-2012 3.	
(74)	ABD ELHADI OFFICE	_
(12)	Patent	-

(54)	ARYLALKYL ESTERS OF 4-AMINO-6-(SUBSTITUTED
	PHENYL)PICOLINATES AND 6-AMINO-2-(SUBSTITUTED
	PHENYL)-4-PYRIMIDINECARBOXYLATES AND THEIR USE AS
	HERBICIDES

Patent Period Started From 24/01/2012 and Will end on 23/01/2032

(57) Arylalkyl esters of 4-aminopicolinic acids and 6-amino-4-pyrimidinecarboxylates are herbicides for control of weeds especially those species common to rice and wheat cropping systems and in pasture management programs.



PCT

- (22) 12/05/2014
- (21) | 0753/2014
- (44) August 2017
- (45) 04/02/2018
- (11) | 28512

(51)	Int. Cl. 8 F16L 15/04 & C10M 103/02, 105/32, 129/40, 159/04, 159/24 &
	C10N 10/04, 30/00, 30/06, 30/12, 40/04
(71)	1. NIPPON STEEL & SUMITOMO METAL CORPORATION (JAPAN)
	2. VALLOUREC OIL AND GAS FRANCE (France)
	3.
(72)	1. GOTO Kunio
	2. TANAKA Yuji
	3. YAMAMOTO Yasuhiro
(73)	1.
(-)	2.
(30)	1. (JP) 2011-253187 - 18-11-2011
()	2. (PCT/JP2012/080403) - 16-11-2012
	3.
(74)	SMAS CO
(12)	Patent

(54) TUBULAR THREADED JOINT HAVING IMPROVED HIGH TORQUE PERFORMANCE

Patent Period Started From 16/11/2012 and Will end on 15/11/2032

(57) A tubular threaded joint which is free from harmful heavy metals, which has excellent galling resistance, gas tightness, and rust-preventing properties and which does not readily undergo yielding of shoulder portions even when subjected to makeup with a high torque is constituted by a pin 1 and a box 2 each having a contact surface comprising an unthreaded metal contact portion including a seal portion 4a or 4b and a shoulder portion 5a or 5b and a threaded portion 3a or 3b. Of the contact surface of at least one of the pin and the box, the surfaces of the seal portion and the shoulder portion has a first lubricating coating 10 in the form of a solid lubricating coating, and the surface of the threaded portion or the entire surface of the contact surface has a second lubricating coating 11 selected from a viscous liquid lubricating coating and a solid lubricating coating. The first lubricating coating has a coefficient of friction which is higher than that of the second lubricating coating, and the second lubricating coating is positioned on top in a portion where both the first lubricating coating and the second lubricating coating are present.



PCT

- (22) 01/11/2012
- (21) 1842/2012
- (44) August 2017
- (45) 12/02/2018
- (11) 28513

(51)	Int. Cl. 8 C09K 8/48, 8/03, 8/04
(71)	1. ELKEM AS (NORWAY) 2. 3.
(72)	 AL- Begoury ,Mohamed Drysdale Steele Christopher .
(73)	1. 2.
(30)	1. (NO) 20111012 - 11-07-2011 2. (PCT/NO2011/000327) - 21-11-2011 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) OIL WELL DRILLING FLUIDS, OIL WELL CEMENT COMPOSITION AND SLURRY OF WEIGHTING MATERIAL Patent Period Started From 21/11/2011 and Will end on 20/11/2031

(57) The present invention relates to oil well drilling comprising a weighting agent consisting of microfine, particulate ilmenite having a FeTiO3 content of at least 85% by weight, a specific surface area (BET) between 1 and 5 m2/g, where 90% by volume of the particles have a size of less than 12.5?m and a D50 between 3?m and 6?m by volume measured by laser diffraction using Malvern laser diffraction particle size analyzer, where the particles have an average circularity of at least 0.85 determined by image analysis. The invention further relates to high density oil well cement slurry comprising water, Portland cement, and a weighting material and optionally silica flour, microsilica, fiber, rubbery particles a fluid loss addition and a retarer, where the weighting material is particulate microfine ilmenite having a FeTiO3 content of at least 85% by weight, a specific surface area (BET) between 1 and 5 m2/g, where 90% by volume of the particles have a size of less than 12.5?m and a D50 between 3?m and 6?m measured by laser diffraction using Malvern laser diffraction particle size analyzer, and where the particles have an average circularity of at least 0.85 determined by image analysis. Finally, the invention relates to a slurry of microfine ilmenite.



PCT

- (22) 10/08/2012
- (21) 1726/2012
- (44) October 2017
- (45) 13/02/2018
- (11) 28514

(51)	Int. Cl. 8 C01C 1/04 & B01J 8/00
(71)	1. AMMONIA CASALE SA (Switzerland) 2. 3.
(72)	1. BADANO, Marco 2. TAROZZO, Mirco 3. MAFFIETTI, Federico
(73)	1. 2.
(30)	1. (EP) 10003825.6 - 09-04-2010 2. (PCT/EP2011/053671) - 11-03-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD FOR MODIFYING A HOT WALL AMMONIA REACTOR WITH VESSEL HAVING A PARTIAL OPENING Patent Period Started From 11/03/2011 and Will end on 10/03/2031

(57) Method for modifying a hot wall ammonia reactor con vessel having partial opening, comprising: assembly directly inside the vessel of a catalytic cartridge with modular elements, said modular elements being of a size compatible with introduction into the vessel through a pre-existing partial opening of the vessel, and each comprising at least one panel; the panels of said modular elements forming a substantially cylindrical outer wall of said cartridge, and an annular flux space between said outer wall of the cartridge and an inner wall of the vessel; said panels being provided with a respective heat insulation layer before introduction into the vessel.



PCT

- (22) 18/07/2013
- (21) 1189/2013
- (44) October 2017
- (45) 13/02/2018
- (11) 28515

(51)	Int. Cl. 8 B01D 67/00, B01D 69/12, B01D71/06
(71)	1. MEMBRANE DISTILLATION DESALINATION LTD. CO. (JORDAN) 2. 3.
(72)	 QTAISHAT, Moh'd Rasool KHAYET, Mohamed ALMUTTIRI, Saad MATSUURA, Takeshi
(73)	1. 2.
(30)	1. (PCT/CA2011/000093) - 24-01-2011 2. (PCT/CA2012/000045) - 19-01-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) COMPOSITE MIXED MATRIX MEMBRANES FOR MEMBRANE DISTILLATION AND RELATED METHODS OF MANUFACTURE Patent Period Started From 19/01/2012 and Will end on 18/01/2032

(57) The present invention relates to a membrane distillation system comprising a flat-sheet composite mixed matrix hydrophilic/hydrophobic membrane having at least a hydrophilic layer and a hydrophobic layer. The hydrophilic layer comprises a hydrophilic polymer and inorganic nanoparticles having high thermal conductivity. The hydrophobic layer comprises fluorinated surface-modifying macromolecules (SMM). Also disclosed is a phase inversion method for manufacturing the membrane.

Arab Republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology
Egyptian Patent Office



PCT

- (22) 07/11/2007
- (21) 1218/2007
- (44) October 2017
- (45) 13/02/2018
- (11) 28516

(51)	Int. Cl. 8 B01D 53/86
(71)	1. Thyssenkrupp UHDE GMBH (GERMANY) 2. 3.
(72)	 GROVES, MICHAEL SCHWEFER, MEINHARD SIEFERT, ROLF
(73)	1. 2.
(30)	1. (DE) 10 2005 022 650.7 - 11-05-2005 2. (PCT/EP2006/003895) - 27-04-2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD FOR REDUCING THE NITROGEN OXIDE CONCENTRATION IN GASES Patent Period Started From 27/04/2006 and Will end on 26/04/2026

(57) According to the inventive method, a gas containing N2O and NOx is conducted across a series of two catalyst beds, and reducing agent for NOx and N2O is added between the catalyst beds at an amount that causes a predetermined percentage of N2O to be reduced in addition to NOx. The reaction conditions are adjusted such that the N2O concentration of the gas is decomposed by a maximum of 95 percent relative to the N2O concentration at the inlet of the first catalyst bed by being broken down into nitrogen and oxygen while the N2O is chemically reduced in addition to the NOx in the second catalyst bed such that the N2O concentration of the gas is reduced by a minimum of 50 percent relative to the N2O concentration at the inlet of the second catalyst bed.



PCT

- (22) 07/06/2015
- (21) 0883/2015
- (44) November 2017
- (45) 14/02/2018
- (11) 28517

(51)	Int. Cl. 8 E21B 43/28
(71)	1. SOLVAY SA (Belgium) 2. 3.
(72)	 Pierre GILLIARD VANDENDOREN 3.
(73)	1. 2.
(30)	1. (EP) 12196981.0 - 13-12-2012 2. (PCT/EP2013/076382) - 12-12-2013 3.
(74)	WAGDY NABIH AZIZ
(12)	Patent

(54) PROCESS FOR RECOVERING SODA VALUES FROM UNDERGROUND SODA DEPOSITS Patent Period Started From 12/12/2013 and Will end on 11/12/2033

(57) Process for recovering soda values from a first and a second soda deposit situated respectively in a first underground cavity (A) and a second underground cavity (A') containing respectively a first soda solution and a second soda solution, the second soda solution containing a higher concentration in sodium chloride and/or sodium sulfate than the first soda solution, the process comprising: • extracting a stream of first soda solution from the first cavity (A); • introducing the stream of first soda solution in a first process (B) which produces, out of the soda solution, first soda crystals on one hand and a first waste purge stream containing a higher concentration in sodium chloride and/or in sodium sulfate than the first soda solution, on the other hand; • introducing at least part (2b) of the first waste purge stream in the second cavity (A'); • extracting a stream of second soda solution from the second cavity (A'); introducing the stream of second soda solution in a second process (B') which produces, out of the soda solution, second soda crystals which have a higher concentration in sodium chloride and/or sodium sulfate than the first soda crystals.



PCT

- (22) 27/10/2010
- (21) 1810/2010
- (44) October 2017
- (45) 14/02/2018
- (11) | 28518

(51)	Int. Cl. 8 A23C 11/02, 11/04, 11/08, 11/10	
(71)	1. GROUPE LACTALIS (France) 2. 3.	
(72)	 LHELIAS, Amandine MORGAN, Francois KEST, Frederic 	4. LE RUYET, Pascale
(73)	1. 2.	
(30)	1. (FR) 0802386 - 29-04-2008 2. (FR2009/050772) - 27-04-2009 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) DAIRY FAT BABY FOOD Patent Period Started From 27/04/2009 and Will end on 26/04/2029

(57) To manufacture the food of the invention, a dairy fat source is used for at least 30%, preferably 45 to 80%, of the lipid fraction, and a vegetable fat source is used for the rest of said fraction. The dairy fat source can be a milk cream, a standardized dairy fat milk, an anhydrous dairy fat, and/or a substance derived from fractionation of an anhydrous dairy fat. A dairy protein source is also used, particularly whole milk proteins, a dairy derivative taken from selective demineralization of the soluble phase of the milk, and/or an a-lactalbumin concentrate. Said food is intended for at least one of the indications in the group including, among infants and small children: an increase in endogenous manufacture of DHA; an increase in phospholipid and cholesterol concentrations; an improvement in digestive functions; an improvement in immune defenses; a decrease in food allergies; an improvement in cerebral development; and the regulation of blood cholesterol rate.



PCT

- (22) 12/12/2013
- (21) 1895/2013
- (44) October 2017
- (45) 14/02/2018
- (11) 28519

(51)	Int. Cl. 8 B22D 41/50
(71)	1. REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG (AUSTRIA) 2. 3.
(72)	 TANG, Yong NITZL, Gerald STRANIMAIER, Arno
(73)	1. 2.
(30)	1. (EP)11172908.3 - 06-07-2011 2. (PCT/EP2012/062485) - 27-06-2012 3.
(74)	MOHAMED MOH. BAKIR
(12)	Patent

(54) A NOZZLE FOR GUIDING A METAL MELT Patent Period Started From 27/06/2012 and Will end on 26/06/2032

(57) The present invention relates to a nozzle for guiding a metal melt from a first to a second means, in particular it relates to a submerged entry nozzle for guiding a stream of a metal melt (steel melt) from a metallurgical melting vessel (like a tundish) into a mould (like an ingot), both of which may also be called "reservoir".



PCT

- (22) 01/04/2014
- (21) 0507/2014
- (44) August 2017
- (45) 14/02/2018
- (11) 28520

(51)	Int. Cl. 8 B26B 21/56	
(71)	1. BIC-VIOLEX SA (GREECE) 2. 3.	
(72)	1. DAVOS, Vasileios	5. SKOUNAKIS, Nikolaos
(12)	2. PAPACHRISTOS, Vassilis	6. KOMIANOS, Ioannis
	3. EFTHIMIADIS, Dimitrios	7. KAROUSSIS, Michalis
	4. ZAFIROPOULOS, Panagiotis	8. PAPAGEORGIOU, Anastasios
(73)	1.	
	2.	
(30)	1. (PCT/EP2011/067451) - 06-10-2011	
(00)	2. (PCT/EP2012/069883) - 08-10-2012	
	3.	
(74)	MOHAMED MOH. BAKIR	
(12)	Patent	

(54) RAZOR BLADE, RAZOR HEAD, AND METHOD OF MANUFACTURE Patent Period Started From 08/10/2012 and Will end on 07/10/2032

(57) An integrally formed rigid razor blade having a body with:-a cutting edge portion extending about a cutting edge portion plane, and having a cutting edge at one end,-a Base portion extending along a base portion plane,- a bent portion intermediate the cutting edge portion and the base portion, and wherein the body is made of martensitic stainless steel comprising mainly iron and between 0,62% of carbon in weight.



PCT

- (22) |09/09/2015
- (21) 1457/2015
- (44) August 2017
- (45) 18/02/2018
- (11) 28521

(51)	Int. Cl. 8 B65B 13/00, 55/00, 59/00
(71)	1. ALTOPACK S.P.A (ITALY) 2. 3.
(72)	 Giuseppe VEZZANI 3.
(73)	1. 2.
(30)	1. (SA) MI2014A 001574 - 11-09-2014 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) TENSIONING DEVICE FOR A PLASTIC FILM IN A PASTA PACKAGING MACHINE

Patent Period Started From 09/09/2015 and Will end on 08/09/2035

(57) A tensioning device for a film intended for the formation of bags in a packaging machine is described. The device is placed between a reel of said film, wound on a motor-driven axis, and a film drive, adapted to pull the film, while unrolling it from said reel, and lead it towards a bag formation unit. The device comprises a take-up rotating around a rotation axis which is parallel to said motor-driven axis of the reel and adapted to wrap therein a portion of the film unrolled from the film reel, means for detecting the working position of the take-up, and control means configured to start or stop the motor-driven axis of the reel as a function of the detected working position of the take-up.



PCT

- (22) 20/04/2013
- (21) 0568/2013
- (44) **September 2017**
- (45) 18/02/2018
- (11) 28522

(51)	Int. Cl. 8 C10G 21/06	
(71)	1. THE QUEEN'S UNIVERSITY OF BELFAST (United Kingdom) 2. 3.	
(72)	 ABAI, Mahpuzah ATKINS, Martin Philip CHEUN, Kuah Yong HOLBREY, John SRINIVASAN, Geetha ZOU, NOCKEMANN, Peter ZOU, Yiran 	
(73)	1. 2.	
(30)	1. (GB)1016751.8 - 05-10-2010 2. (PCT/GB2011/051906) - 05-10-2011 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) PROCESS FOR REMOVING METALS FROM HYDROCARBONS Patent Period Started From 05/10/2011 and Will end on 04/10/2031

(57) The present invention relates to a process for the removal of mercury from a mercury- containing hydrocarbon fluid feed using specifically selected ionic liquids comprising, contacting the mercury-containing hydrocarbon fluid feed with an ionic liquid having the formula[Cat+][M+][X-] and separating from the ionic liquid a hydrocarbon fluid product having a reduced mercury content compared to the mercury-containing fluid feed.



PCT

(22) 07/11/2013

(21) 1702/2013

(44) **September 2017**

(45) 18/02/2018

(11) 28523

(51)	Int. Cl. 8 F24J 2/07, 2/24
(71)	1. GENERAL ELECTRIC TECHNOLOGY GMBH (Switzerland)
	2. 3.
(72)	1. PAYNE, Ronald G.,
	2. 3.
(73)	1. 2.
(30)	1. (US) 675.153/13 - 13-11-2012
	2. 3.
(74)	Amr Mofed El Deeb
(12)	Patent

(54) SOLAR RECEIVER PANEL AND SUPPORT STRUCTURE Patent Period Started From 07/11/2013 and Will end on 06/11/2033

(57) In a solar receiver arrangement 300 with a support structure 600, the support structure 600 includes a plurality of tie members 700 for tangentially coupling a plurality of tubes 510, for forming at least one receiver panel 500, in such a manner that the at least one tie member 700 is coupled in at least one crotch portion 520 between a pair of tubes 510. The support structure 600 further includes a plurality of panel support members 800 coupled to the receiver panel 500 selectively in at least one crotch portion 520 between a pair of tubes 510. Furthermore, at least one latching member 900 is configured to detachably attach the plurality of panel support members 800 for engaging the plurality of receiver panels 500.



PCT

- (22) 17/09/2014
- (21) | 1474/2014
- (44) November 2017
- (45) 18/02/2018
- (11) 28524

(51)	Int. Cl. 8 E02F 9/28
(71)	1. HENSLEY INDUSTRIES, INC (UNITED STATES OF AMERICA)
	2. 3.
(72)	1. CAMPOMANES, Patrick
(1-)	2.
	3.
(73)	1.
	2.
(30)	1. (US) 13/761,287 - 07-02-2013
	2. (US) 61/613,748 - 21-03-2012
	3. (PCT/US2013/030342) - 12-03-2013
(74)	HODA AHMAD ABDEL HADI.
(12)	Patent

(54) SCREW-ADJUSTABLE CONNECTOR APPARATUS FOR TELESCOPED WEAR AND SUPPORT MEMBERS Patent Period Started From 12/03/2013 and Will end on 11/03/2033

(57) An earth engaging wear member is rearwardly telescoped onto a support member and is releasably retained thereon by specially designed connector apparatus extending through aligned connector openings in the wear and support members. The connector apparatus includes a spool member rearwardly bearing against the wear member, a shim member forwardly spaced apart from the spool member and having a sloping rear surface, and a wedge screw member interposed between the spool and shim members. The wedge screw member has a non-tapered body threadingly engaging the spool member side portion, and a non-threaded, radially sloped surface area rampingly engaging the sloped shim surface area. Threaded advancement of the wedge screw member rearwardly moves the wear member relative to the support member to tighten an operationally-created loosened interfit therebetween.



PCT

- (22) 10/06/2009
- (21) 0878/2009
- (44) November 2017
- (45) 18/02/2018
- (11) 28525

(51)	Int. Cl. 8 A61K 31/55	
(0-)		
	1 FAZEDA DILADMA CELIDICAL COL	AD ANN T IN AUDED (TADAN)
(71)	1. TAKEDA PHARMACEUTICAL COM	MPANY LIMITED (JAPAN)
	2.	
	3.	
(50)		4. HORI, Masuhisa
(72)	1. FUTO, Tomomichi	4. HORI, Masunisa
	2. SAITO, Kazuhiro.	
	3. HOSHINO, Tetsuo	
(52)	·	
(73)	1.	
	2.	
(30)	1. (US) 60/875,364 - 18-12-2006	
(50)	2. (US) 60/917,401 - 11-05-2007	
	3. (PCT/JP2007/074617) - 17-12-2007	
(74)	HODA AHMEDABDEL HADY	
(12)	Patent	
(1-)		

(54) SUSTAINED-RELEASE COMPOSITION AND METHOD FOR PRODUCING THE SAME

Patent Period Started From 17/12/2007 and Will end on 16/12/2027

(57) Sustained-release compositions wherein a water-soluble physiologically active peptide is substantially uniformly dispersed in a microcapsule comprised of a lactic acid polymer or a salt thereof, and the physiologically active substance is contained in an amount of 15 to 35 wt/wt% to the total microcapsules and weight-average molecular weight (Mw) of the lactic acid polymer is about 11,000 to about 27,000, which is characterized by having a high content of the physiologically active substance, and suppression of the initial excessive release within one day after the administration and a stable drug sustained-release over a long period of time, and method for producing the same.

Patent

(12)



PCT

- (22) 25/02/2013
- (21) 0304/2013
- (44) October 2017
- (45) 19/02/2018
- (11) 28526

(51)	7/04, & A61K 31/341, 31/381, 31/	43/78,47/04, 47/12, 47/28, 51/00, 57/32, & A01P 7/02, 426, 31/44, 31/4427, 31/443 31/4436 31/4439, 31/50, & 7/12, 311/09, 213/36, 213/42, 237/12, 277/20, 277/32, 09/12, 417/12 & C07F 9/24
(71)	1. Meiji Seika Pharma Co., Ltd (JAPAN) 2. 3.	
(72)	 KITSUDA Shigeki MITOMI Masaaki KITSUDA Shigeki HORIKOSHI Ryo 	5. NOMURA Masahiro 6. ONOZAKI Yasumichi
(73)	1. 2.	
(30)	1. (JP) 2010-194584 - 31-08-2010 2. (PCT/JP2011/069352)- 26-08-2011 3.	
(74)	SAMAR AHMED EL LABBAD	

(54) AN AMINE DERIVATIVE FOR PEST CONTROL Patent Period Started From 26/08/2011 and Will end on 25/08/2031

The present invention relates to amine derivatives for pest control represented by chemical formula (le') or a salt thereof: wherein ar' is a pyridyl group which may be substituted with halogen atoms, c1-4 alkyl groups which may be substituted with halogen atoms, alkyloxy groups which may be substituted with halogen atoms, hydroxyl groups, cyano groups or nitro groups, or a pyrimidyl group which may be substituted with halogen atoms, c1-4 alkyl groups which may be substituted with halogen atoms, alkyloxy groups which may be substituted with halogen atoms, hydroxyl groups, cyano groups or nitro groups; r1 is a hydrogen atom or a c1-6 alkyl group; y is a hydrogen atom, a halogen atom, a hydroxyl group, a c1-6 alkyl group which may be substituted with a halogen atom, a c1-6 alkyloxy group which may be substituted with a halogen atom, a cyano group, a formyl group or a nitro group; and r4e is a c1-6 alkyl group substituted with a halogen; with the proviso that if ar' is a 6chloro-3-pyridyl group, then r1 is not a hydrogen atom, y is not a 5-methyl group and r4e is not a trifluoromethyl group). It is found that the amine derivative has an excellent activity as a control agent of agricultural and horticultural pests and pesticide-resistant pests.



PCT

- (22) 08/11/2010
- (21) 1893/2010
- (44) August 2017
- (45) 19/02/2018
- (11) 28527

(51)	Int. Cl. 8 F25J 1/02, 3/02
(71)	1. CONOCOPHILLIPS COMPANY (UNITED STATES OF AMERICA) 2. 3.
(72)	 RANSBARGER, Weldon, L ORTEGO, Dale, J 3.
(73)	1. 2.
(30)	1. (US) 12/117.364 - 08-05-2008 2. (PCT/US2009/037649)- 19-03-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) ENHANCED NITROGEN REMOVAL IN AN LNG FACILITY Patent Period Started From 19/03/2009 and Will end on 18/03/2029

(57) An LNG facility employing an enhanced nitrogen removal system that concentrates the amount of nitrogen in the feed stream to a nitrogen removal unit (NRU) to thereby increase the separation efficiency of the NRU. In one embodiment, the nitrogen removal system comprises a multistage separation vessel operable to separate nitrogen from a cooled natural gas stream. At least a portion of the resulting nitrogen-containing stream exiting the multistage separation vessel can be used as a refrigerant, processed to a nitrogen removal unit, and/or utilized as fuel gas for the LNG facility.



PCT

- (22) 03/02/2014
- (21) 0152/2014
- (44) | September 2017
- (45) 19/02/2018
- (11) 28528

(51)	Int. Cl. 8 A61F 13/15, 13/49
(71)	1. UNI CHARM CORPORATION (JAPAN) 2.
(50)	3. 1. MATSUSHIMA, Hideki
(72)	 MATSUSHIMA, Hideki OKU, Tomomi 3.
(73)	1. 2.
(30)	1. (JP) 2011-171276 - 04-08-2011 2. (PCT/JP2012/069795)- 03-08-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DISPOSABLE ARTICLE WITH LEAKAGE BARRIER Patent Period Started From 03/08/2012 and Will end on 02/08/2032

(57) A disposable wearing article improved so that the article should not slip down even when urination occurs. The fastening means of the article include connected portions affixed to the second side flaps. Imaginary lines (r) connecting intersections (a) between the proximal edges and the front end of the connected portion to intersections (b) between the side edges of the absorbent structure and the imaginary transverse center line (q-q) extend across the second side flaps and the crotch side flaps wherein the second side flaps have a bending stiffness in a range of about 0.10-0.20 n/m in the longitudinal direction (y) and about 0.05-0.10 n/m in the transverse direction (x). A backsheet is bonded to a leakage-barrier sheet by bonding region so as to leave regions outboard of the bonding region in the transverse direction (x) to be non-bonding regions in which the backsheet and the leakage-barrier sheet are not bonded to each other. The leakage-barrier sheet is provided in a region overlapping the non-bonding region on the side facing away from the backsheet with leg elastics.



PCT

- (22) 28/03/2005
- (21) | 0090/2005
- (44) **January 2017**
- (45) 20/02/2018
- (11) 28529

(51)	Int. Cl. 8 A61K 31/295, 33/26, 47/48, C08B 30/18, 31/18
(71)	1. Vifor (international) AG. (Switzerland)
. ,	2.
	3.
(72)	1. Peter GEISSER
	2. Walter Richle
	3. Erik PHILIPP
(73)	1.
	2.
(30)	1. (DE)10249552.1 - 23-10-2002
()	2. (PCT/EP2003/011596) - 20-10-2003
	3.
(74)	SAMAS CO
(12)	Patent

(54) WATER-SOLUBLE IRON - CARBOHYDRATE COMPLEXES, PRODUCTION THEREOF, AND MEDICAMENTS CONTAINING SAID COMPLEXES

Patent Period Started From 20/10/2003 and Will end on 19/10/2023

(57) Water soluble iron carbohydrate complex obtainable from an aqueous solution of iron (111) salt and an aqueous solution of the oxidation productof one or more maltrodextrins using an aqueous hypochlorite solution at a ph- value within the alkaline range, where, when one maltodextrin is applied, its dextrose equivalent lies between 5 and 20, and when a mixture of several maltodextrins is applied, the dextrose equivalent of the mixture lies between 5 and 20 and the dextrose equivalen of each individual maltodextrin contained in the mixture lies between 2 and 40 process for its production and medicament for the treatment and prophylaxis of iron deficiency condit.



(22) 18/11/2013

(21) 1769/2013

(44) October 2017

(45) 20/02/2018

(11) 28530

(51)	Int. Cl. 8 A61F 13/02	
(71)	1. TAKEDA NYCOMED AS (NORWAY) 2. 3.	
(72)	 SCHoNHOFER, Wolfgang PEDERSEN, Pernille BERTELSEN, Poul 	 BRANDER, Henrik BLANKA, Ingrid LARSEN, Henrik, Neuschafer
(73)	1. 2.	
(30)	1. (EP) 11167379.4 - 24-05-2011 2. (PCT/DK2012/050178)- 24-05-2012 3.	
(74)	NAHED WADE REZK	
(12)	Patent	

(54)	ROLLED COLLAGEN CARRIER	
	Patent Period Started From 24/05/2012 and Will end on 23/05/2032	

(57) The invention relates to a process for the preparation of a rolled compressed collagen carrier and a process for un-rolling said rolled compressed collagen carrier. Said rolled compressed collagen carrier is ready for use in minimally invasive surgery. The invention also relates to a rolled compressed collagen carrier for use in the prevention or treatment of injury associated with performing minimally invasive surgery.



PCT

- (22) 10/01/2011
- (21) 0055/2011
- (44) October 2017
- (45) 20/02/2018
- (11) | 28531

(51)	Int. Cl. ⁸ G10L 21/02	
(71)	 FRAUNHOFER-GESELLSCHAFT ZU FORSCHUNG E.V (GERMANY) 	IR FORDERUNG DER ANGEWANDTEN
(72)	 NEUENDORF, Max GRILL, Bernhard KRAEMER, Ulrich MULTRUS, Markus POPP, Harald RETTELBACH, Nikolaus 	7. NAGEL, Frederik 8. LOHWASSER, Markus 9. GAYER, Marc 10. JANDER, Manuel 11. BACIGALUPO, Virgilio
(73)	1. 2.	
(30)	1. (US) 61/079,841 - 11-07-2008 2. (PCT/EP2009/004521) - 23-06-2009 3.	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) AN APPARATUS AND A METHOD FOR GENERATING BAND SWIDTH EXTENSION OUTPOT DATA

Patent Period Started From 23/06/2009 and Will end on 22/06/2029

(57) An apparatus for generating bandwidth extension output data for an audio signal comprises a noise floor measurer, a signal energy characterizer and a processor. The audio signal comprises components in a first frequency band and components in a second frequency band, the bandwidth extension output data are adapted to control a synthesis of the components in the second frequency band. The noise floor measurer measures noise floor data of the second frequency band for a time portion (T) of the audio signal. The signal energy characterizer derives energy distribution data, the energy distribution data characterizing an energy distribution in a spectrum of the time portion (T) of the audio signal. The processor combines the noise floor data and the energy distribution data to obtain the bandwidth extension output data.



PCT

- (22) 12/02/2012
- (21) 0233/2012
- (44) December 2017
- (45) 20/02/2018
- (11) 28532

(51)	Int. Cl. 8 C01C 1/04 & C01B 3/02
(71)	1. AMMONIA CASALE SA (SWITZERLAND) 2.
	3.
(72)	1. PANZA, Sergio
	2. MOREO, Pietro
	3. STREPPAROLA, Elio
(73)	1.
(-)	2.
(30)	1. (EP) 09167849.0 - 13-08-2009
(00)	2. (PCT/EP2010/061249) - 03-08-2010
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS FOR REVAMPING AN AMMONIA PLANT WITH NITROGEN-BASED WASHING OF A PURGE STREAM Patent Period Started From 03/08/2010 and Will end on 02/08/2030

(57) process and a plant for producing ammonia, where an ASU delivers an oxygen stream and a nitrogen stream; the oxygen stream is fed to the secondary reformer of a front-end reforming section; the nitrogen stream is used to wash a purge gas or tail gas taken from the synthesis loop, preferably in a cryogenic section; a methane-free and inert-free gas stream is recovered and recycled to the synthesis loop or at the suction of the main syngas compressor, to recover the hydrogen contained therein. A corresponding method for increasing the capacity of an ammonia plant, by providing the ASU and feeding the oxygen stream to the secondary reformer and the nitrogen stream to a suitable purge gas recovery unit.



PCT

- (22) 16/10/2014
- (21) 1650/2014
- (44) November 2017
- (45) 20/02/2018
- (11) 28533

(51)	Int. Cl. 8 F17C 13/00
(71)	 L'AIR LIQUIDE,SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE (France) 3.
(72)	 LEBEGUE, William TRINDADE, Francois LIGONESCHE, Renaud
(73)	1. 2.
(30)	1. (FR) 1253604 - 19-04-2012 2. (PCT/FR2013/050620) - 22-03-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROTECTIVE CAP FOR A PRESSURISED FLUID CYLINDER VALVE AND PRODUCTION METHOD THEREOF Patent Period Started From 22/03/2013 and Will end on 21/03/2033

(57) The invention relates to a protective cap for a pressurised fluid cylinder valve, comprising a hoop defining a sheltered protected space, the lower end of the hoop being secured to the generally annular base that is intended to be mounted around the neck of a pressurised fluid cylinder. The cap is characterised in that the hoop comprises a draw-formed metal sheet. The invention also relates to the corresponding method.



PCT

- (22) 09/09/2015
- (21) 1446/2015
- (44) November 2017
- (45) |20/02/2018
- (11) 28534

(51)	Int. Cl. 8 A23C 19/08, 19/068, 19/072
(71)	1. JENEIL BIOTECH, INC. (UNITED STATES OF AMERICA) 2. 3.
(72)	 GANDHI, Niranjan, R. PALMER SKEBBA, Victoria MILANI, Franco, X
(73)	1. 2.
(30)	1. (US) 61/852,465 - 15-03-2013 2. (PCT/US2014/030879) - 17-03-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) RESTRUCTURED NATURAL PROTEIN MATRICES Patent Period Started From 17/03/2014 and Will end on 16/03/2034

(57) Methods as can be used in the preparation of one or more dairy, dairy analog and cheese products from a range of proteinacous starting materials, such methods comprising protein modification and protein restoration or protein restructure.



PCT

- (22) 26/11/2012
- (21) 1970/2012
- (44) November 2017
- (45) |20/02/2018
- (11) 28535

(51)	Int. Cl. 8 C09C 1/02
(71)	1. OMYA international AG (Switzerland)
(71)	2.
	3.
(72)	1. BURI, Matthias
` '	2. RENTSCH, Samuel
	3. GANE, Patrick A.C
	4. BURKHALTER, Rene
(73)	1.
(, 0)	2.
(30)	1. (EP) 10164408.6 - 04-06-2010
(50)	2. (US) 61/396,938 - 28-05-2010
	3. (PCT/EP2011/058409) - 24-05-2011
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS FOR THE PREPARATION OF SURFACE TREATED MINERAL FILLER PRODUCTS AND USES OF SAME

Patent Period Started From 24/05/2011 and Will end on 23/05/2031

(57) The present invention relates to a process for preparing a surface treated mineral filler product, and to its preferred use in the field of plastic applications, and in particular polypropylene (PP)-or polyethylene (PE)-based breathable or extrusion coating film applications.



PCT

- (22) 29/09/2013
- (21) 1512/2013
- (44) November 2017
- (45) 21/02/2018
- (11) 28536

(51)	Int. Cl. ⁸ E01H 1/08
(71)	1. CRYSTAL LAGOONS (CURACAO) B.V. (Netherland) 2. 3.
(72)	1. FISCHMANN T., Fernando 2. 3.
(73)	1. 2.
(30)	1. (US) 61/469,526 - 30-03-2011 2. (US) 13/195,695 - 01-08-2011 3. (PCT/US2011/051229) - 12-09-2011
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A SYSTEM FOR PROVIDING HIGH MICROBIOLOGICAL QUALITY COOLING WATER TO AN INDUSTRIAL PROCESS Patent Period Started From 12/09/2011 and Will end on 11/09/2031

(57) A system for providing high microbiological quality cooling water to an industrial process, the system comprising: a container for storing cooling water, the container comprising a bottom for receiving settled particles; a feeding line of inlet water to the container; a coordination means for timely activating processes necessary to adjust parameters of the cooling water within predetermined limits; a chemical application means activated by the coordination means; a mobile suction means for moving along the bottom of the container and suctioning cooling water containing settled particles; a propelling means for moving the mobile suction means along the bottom of the container; a filtration means for filtering the cooling water containing settled particles; a collecting line coupled between the mobile suction means and the filtration means; a return line from the filtration means to the container; a heat exchanger inlet line from the container to the industrial process; and a return water line from the industrial process to the container.



PCT

- (22) 24/05/2015
- (21) 0807/2015
- (44) November 2017
- (45) 21/02/2018
- (11) 28537

(51)	Int. Cl. 8 B60Q 1/48 & G08G 1/14, 1/01
(71)	1. CLOUDPARC, INC (United State of America)
	2. 3.
(72)	1. NERAYOFF, Steven David
	2. WONG, Thompson S
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(73)	1,
, ,	2.
(30)	1. (US) 13/686,802 - 27-11-2013
()	2. (PCT/US2013/071654) - 25-11-2013
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CONTROLLING USE OF A SINGLE MULTI-VEHICLE PARKING SPACE USING MULTIPLE CAMERAS

Patent Period Started From 25/11/2013 and Will end on 24/11/2033

(57) A method of tracking use of a single multi-vehicle destination location and at least one restricted location within the single multi-vehicle destination location is disclosed. Initially, pluralities of vehicle images captured by a plurality of cameras are received. Next, the times that a first vehicle began use and completed use of the single multi-vehicle destination location are determined. Finally, it is determined that a second vehicle is stopped in the at least one restricted location within the single multi-vehicle destination location.



PCT

- (22) 08/01/2013
- (21) 0041/2013
- (44) November 2017
- (45) 21/02/2018
- (11) 28538

(51)	Int. Cl. ⁸ F16J 12/00 & F17C 1/10 & B01J 3/04 & B23K 9/02
(71)	 OTKRYTOE AKTSIONEMOE OBSCHESTVO RESEARCH & DESIGN INSTITUTE OF UREA AND ORGANIC SYNTHESIS PRODUCTS (OAO NIIK) Russia) 3.
(72)	 CHIRKOV, Aleksandr Vasilievich ESIN, Igor Veniaminovich KUZNETSOV, Nikolai Mikhailovich
(73)	1. 2.
(30)	1. (RU) 2010128368 - 08-07-2010 2. (PCT/RU2011/000474) - 01-07-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) HIGH PRESSURE VESSEL Patent Period Started From 01/07/2011 and Will end on 30/06/2031

(57) The invention relates to apparatus used in the chemical and petrochemical industries as well as other branches of industry for working with aggressive media under pressure, for example in the production of urea. The technical result achieved through the implementation of the invention is that of increasing the mechanical stability of the inner lining of the high pressure vessel and providing for the timely detection of penetrative defects in the weld seams of the lining. A high pressure vessel is proposed which comprises a main housing with through check holes and an inner lining made from sheets of corrosion-resistant material joined together by weld seams which have underplates disposed therebeneath. Each underplate is situated in a slot with gaps between the edges of the plate and the walls of the slot, while the slots themselves are located in the lining sheets on the side thereof that faces the vessel housing. The edges of the slot and plate which face the vessel housing may be beveled.



PCT

- (22) 19 / 06 / 2013
- (21) 0060/2013
- (44) November 2017
- (45) 21 / 02 / 2018
- (11) 28539

(51)	Int. Cl. ⁸ C25B 11/ 04
(71)	1. INDUSTRIE DE NORA S.p.A. (Italy) 2. 3.
(72)	 URGEGHE, Christian ANTOZZI, Antonio Lorenzo 3.
(73)	1. 2.
(30)	1. MI2010A002354 - 22/12/2010 2. PCT/EP2011/073605 (21-12-2011) 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) ELECTRODE FOR ELECTROLYTIC CELL Patent Period Started From 21 / 12 /2011 and Will end on 20/12/2031

(57) The invention relates to an electrode for evolution of gaseous products in electrolysis cells comprising a metal substrate coated with at least two catalytic compositions, the outermost catalytic composition being deposited By means of chemical or physical phase vapour deposition technique and having a composition comprising noble metals selected from the group of platinum group metals or oxides thereof.



PCT

- (22) 21/02/2013
- (21) 0111/2013
- (44) November 2017
- (45) 21/02/2018
- (11) 28540

(51)	Int. Cl. 8 A01N 37/32, 37/34, 37/50, 41/06, 73/36, 43/40, 43/50, 43/54, 43/56, 43/653, 47/34, 47/38,
	47/44, 53/00 & A01P 3/00
(71)	1. ISHIHARA SANGYO KAISHA, LTD. (JAPAN)
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	3.
(72)	1. SUGIMOTO, Koji
	2. HAYASHI, Hiroyuki
	3.
(73)	1.
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(30)	1. (JP) 2010-166427 - 23-07-2010
()	2. (JP) 2010-257612 - 18-11-2010
	3. (PCT/JP2011/004124) - 21-07-2011
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CONTROL AGENT FOR SOFT ROT AND CONTROL METHOD FOR THE SAME

Patent Period Started From 21/07/2011 and Will end on 20/07/2031

(57) Providing a novel control agent for soft rot and a novel control method for the same. A compound having no antibacterial activity against Erwinia carotovora but having a control activity against fungi on soil surface, specifically containing, as the active ingredient, a fungicide comprising any of a strobilurin compound such as azoxystrobin and kresoxim-methyl, an azole compound such as triflumizol, cyazofamid, amisulbrom, and thiophanate-methyl, a carboxamide compound such as penthiopyrad and boscalid, a sulfonamide compound such as flusulfamide, an organic chlorine compound such as chlorothalonil, a dicarboximide compound such as procymidone and iprodione, a phenylpyrrole compound such as fludioxonil, an anilinopyrimidine compound such as mepanipyrim, and a guanidine compound such as iminoctadine is the control agent for plant soft rot, which is applied to plant cultivation soil.



PCT

- (22) 04/03/2014
- (21) 0331/2014
- (44) November 2017
- (45) 21/02/2018
- (11) 28541

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(51)	Int. Cl. 8 F03G 6/06 & F12D 3/10 & F24	IJ 2/07, 2/24
(71)	1. BASF SE (GERMANY) 2. 3.	
(72)	 GÄRTNER, Martin SCHIERLEARNDT, Kerstin MAURER, Stephan WORTMANN, Jargen 	5. LADENBERGER, Michael6. GEYER, Karolin7. GARLICHS, Florian8. LUTZ, Michael
(73)	1. 2.	
(30)	1. (EP) 11180219.5 - 06-09-2011 2. (US) 61/531,114 - 06-09-2011 3. (PCT/EP2012/067300) - 05-09-2012	
(74)	TAHA HANAFY MAHMOUD	
(12)	Patent	

(54) PIPELINE SYSTEM AND METHOD FOR EMPTYING A PIPELINE SYSTEM Patent Period Started From 05/09/2012 and Will end on 04/09/2032

(57) The invention relates to a pipeline system for transporting a molten salt, comprising at least one pipeline through which the molten salt flows, at least one inflow and at least one outflow, wherein the pipeline through which the molten salt flows has at least one gradient that is inclined with respect to the horizontal and is respectively connected at the lowest positions by way of a drainage valve to a drainage line and at the highest positions to an aeration valve. The invention also relates to a method for emptying the pipeline system.



PCT

- (22) |72/11/2006
- (21) PCT/NA2006/001130
- (44) November 2017
- (45) 25 /02 / 2018
- (11) 28542

(=4)	1 4 61 8 6216 2/22
(51)	Int. Cl. 8 G21C 3/32
(71)	1. PEBBLE BED MODULAR REACTOR (PROPRIETARY) LIMITED
(/1)	
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	3.
(72)	1. KUCZYNSKI, Leszek, Andrzej _VAN RAVENSWAAY, Franc is piete
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(30)	1. ZA 2004/3297 - 30-05-2004
(50)	2. (PCT/IB2005/051572) - 13-05-2005
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(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A METHOD AND A MEAN OF REMOVING PARTICLES FROM A COOLANT FLUID STREAM OF A NUCLEAR REACTOR Patent Period Started From 31/05/2005 and Will end on 12/05/2025

radioactive particles from a reactor coolant fluid stream. The means comprises a particle collection zone along a flow path of the fluid stream and particle deflection means in particle deflecting relationship with the flow path to deflect particles from fluid stream into the collection zone. The deflection means comprises a magnetic deflection arrangement for generating a pulsating magnetic field in the flow path. The arrangement includes at least two pairs of diametrically opposed electromagnets arranged adjacent the flow path. Electromagnets of each pair have inwardly disposed facing poles of opposite polarity. The pairs are arranged to have angularly off-set poles of like polarity. A centreline connecting a pair of electromagnets is angularly off-set relative to a centreline connecting at least one other pair. The particle collection zone also comprises a deposition material in which the deflected particles are embedded.



PCT

- (22) 12/01/2014
- (21) 1935/2014
- (44) November 2017
- (45) 25/02/2018
- (11) 28543

(51)	Int. Cl. ⁸ A01N 59/20, 59/16, 25/14 & A01P 3/00
(71)	1. AGRA GROUP, A.S. (Czech Republic) 2. 3.
(72)	1. CIGLER, Petr 2. 3.
(73)	1. 2.
(30)	1. (CZ) PV 2012-371 - 01-06-2012 2. (PCT/CZ2013/000070) - 30-05-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PESTICIDE COMPOUNDS, USE THEREOF AND METHOD OF PROTECTION OF PLANTS Patent Period Started From 30/05/2013 and Will end on 29/05/2033

(57) The invention provides use of compounds of general formula Cu2SO3.MSO3.2H2O, wherein M is Cu, Mn or Fe, for the protection of plants against fungal diseases. Further, it encompasses a method of protecting plants against fungal diseases and a pesticidal preparation comprising at least one compound of said general formula.



PCT

- (22) 28/05/2014
- (21) | 0868/2014
- (44) November 2017
- (45) 25/02/2018
- (11) 28544

(51)	Int. Cl. 8 C07B 63/04 & C07C 7/20
(71)	1. DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED (INDIA) 2. 3.
(72)	 SUBRAMANIYAM, Mahesh 3.
(73)	1. 2.
(30)	1. (IN) 3350/MUM/2011 - 29-11-2011 2. (PCT/IN2012/000751) - 16-11-2012 3.
(74)	SMAS INTELLECTUAL PROPERTY
(12)	Patent

(54) AMINE BASED ADDITIVE COMPOSITION FOR CONTROL AND INHIBITION OF POLYMERIZATION OF STYRENE, AND METHOD OF USE THEREOF

Patent Period Started From 16/11/2012 and Will end on 15/11/2032

(57) The present invention relates to amine based additive composition for controlling and inhibition of polymerization of aromatic vinyl monomers including styrene comprising (a) one or more of nitroxide (i.e. nitroxyl) compounds; and (b) one or more of aromatic nitro compounds, characterized in that the said composition further comprises one or more of (c) amines, wherein said amine is selected from a group comprising (i) hydroxyl alkyl tertiary amines, (ii) tertiary alkyl amines, (iii) hydroxyl alkyl primary amine; and (iv) mixture thereof. In one embodiment, the present invention also relates to method of using presently provided composition. In another embodiment, the present invention also relates to method of controlling and inhibiting polymerization of aromatic vinyl monomers including styrene by employing presently composition. In still another embodiment, the present invention also relates to method of preparation of presently provided composition



PCT

- (22) 16/06/2015
- (21) 0986/2015
- (44) November 2017
- (45) 25/02/2018
- (11) 28545

(51)	Int. Cl. 8 C07B 63/04 & C07C 7/20
(71)	1. NUCLEUS SCIENTIFIC, INC (UNITED STATES OF AMERICA) 2. 3.
(72)	 LAFONTAINE, Serge R HUNTER, Ian W. 3.
(73)	1. 2.
(30)	1. (US) 738,786 /61 - 18-12-2012 2. (PCT/US2013/075264) - 16-12-2013 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) NONLINEAR SYSTEM IDENTIFICATION FOR OBJECT DETECTION IN A WIRELESS POWER TRANSFER SYSTEM Patent Period Started From 16/12/2013 and Will end on 15/12/2033

(57) A method of detecting whether a foreign object is near a transmit coil in a wireless power transfer system (WPTS), the method involving: applying a pseudo-random signal to the transmit coil; while the pseudo-random signal is being applied to the transmit coil, recording one or more signals produced within the WPTS in response to the applied pseudo-random signal; by using the one or more recorded signals, generating a dynamic system model for some aspect of the WPTS; and using the generated dynamic system model in combination with stored training data to determine whether an object having characteristics recognizable from the stored training data as characteristic of the foreign object is near the transmit coil.



PCT

- (22) 21/12/2014
- (21) 2050/2014
- (44) November 2017
- (45) 25/02/2018
- (11) 28546

(51)	Int. Cl. 8 A01N 57/32, 47/34, 51/00, 53/06, 55/00 & A01P 5/00, 7/02, 7/04
(71)	1. ISHIHARA SANGYO KAISHA, LTD. (JAPAN) 2. 3.
(72)	1. YOSHIMURA, Hideshi 2. 3.
(73)	1. 2.
(30)	1. (JP) 2012-149204 - 03-03-2013 2. (PCT/JP2013/068180)- 02-07-2013 3.
(74)	Salwa MEKHEL RZQ
(12)	Patent

(54) PESTICIDAL COMPOSITION AND PEST CONTROL METHOD Patent Period Started From 02/07/2013 and Will end on 01/07/2033

(57) Provided is a pesticidal composition that has a broad pesticidal spectrum and a high activity and exhibits a long-lasting effect. The pesticidal composition comprises, as active ingredients, a combination of at least one organophosphorus compound (A) selected from the group consisting of fosthiazate and imicyafos with at least one compound (B) selected from the group consisting of clothianidin, dinotefuran, thiamethoxam, tefluthrin, silafluofen, chlorfluazuron, flufenoxuron and teflubenzuron (provided that the combination of fosthiazate with tefluthrin is excluded).



PCT

- (22) 11/12/2013
- (21) | 1885/2013
- (44) November 2017
- (45) 25/02/2018
- (11) 28547

(51)	Int. Cl. 8 F04D 15/00 & G05B 13/02 & E03F 5/22
(71)	1. XYLEM IP HOLDINGS LLC (UNITED STATES OF AMERICA)
(/1)	2.
	3.
(72)	1. LARSSON, Martin
()	2. FULLEMANN, Alexander
	3. MOKANDER, JUrgen
(73)	1.
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(30)	1. (SE) 1150548-4 - 16-06-2011
(00)	2. (PCT/SE2012/050581) - 31-05-2012
	3.
(74)	SOHAR MEKHEL REZK
(12)	Patent

(54) METHOD FOR CONTROLLING AT LEAST A PART OF A PUMP STATION

Patent Period Started From 31/05/2012 and Will end on 30/05/2032

(57) The invention relates to a method for controlling at least a part of a pump station comprising a number of speed controlled pumps, the method is arranged to minimize the specific energy consumption Espec of said at least a part of a pump station and comprises a sub method, which in turn comprises the steps of: obtaining input data, determining the mutual relative relationships between a first value Al of a quantity corresponding to a first pump speed VI and a second value A2 of said quantity corresponding to a second pump speed V2, and between a first specific energy consumption Espec1 and a second specific energy consumption Espec2, and determining a third value A3 of said quantity corresponding to a third pump speed V3, wherein A3 is set equal to A2-B3 if the conditions A2<A1 and E spec2<Espec1 are satisfied, A3 is set equal to A2+B4 if the conditions A2>A1 and Espec2<Espec1 are satisfied, A3 is set equal to A2+B5 if the conditions A2<A1 and Espec2>Espec1are satisfied, and A3 is set equal to A2-B6 if the conditions A2>A1 and Espec2>Espec1 are satisfied, wherein B3, B4, B5, and B6 are parameters of said quantity.



PCT

- (22) 23/03/2016
- (21) 0494/2016
- (44) November 2017
- (45) 25/02/2018
- (11) 28548

(51)	Int. Cl. 8 B42F 13/00
(71)	 STAEDTLER Mars GmbH & CO. KG (GERMANY) 3.
(72)	 THIES, Andreas JAKOB, Martin ADLER, Jürgen
(73)	1. 2.
(30)	1. (DE) 10 2013 016355.2 - 01-10-2013 2. (PCT/EP2014/002461) - 11-09-2014 3.
(74)	SOHAR MEKHEL REZK
(12)	Patent

(54) REFILL FOR WRITING, DRAWING AND/OR PAINTING DEVICES AND METHOD FOR THE PRODUCTION THEREOF Patent Period Started From 11/09/2014 and Will end on 10/09/2034

(57) The invention concerns a polymer-bound refills for writing, drawing and/or painting devices, in particular for pencils or coloured pencils, comprising at least one binder, at least one wax, at least one colouring agent and at least one filler. The invention is characterized in that the refill comprises polylactide as binder.



PCT

- (22) 17/01/2013
- (21) 0095/2013
- (44) **September 2017**
- (45) 25/02/2018
- (11) 28549

(51)	Int. Cl. 8 B01D 67/00, B01D 69/14, B01D 71/62
(71)	1. IMPERIAL INNOVATIONS LIMITED (British) 2. 3.
(72)	 LIVINGSTON, Andrew Guy BHOLE, Yogesh Suresh .
(73)	1. 2.
(30)	1. (GB)1012080.6 - 19-07-2010 2. (PCT/GB2011/051361) - 19-07-2011 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) ASYMMETRIC MEMBRANES FOR USE IN NANOFILTRATION Patent Period Started From 19/07/2011 and Will end on 18/07/2031

(57) Improved integrally skinned asymmetric membranes for organic solvent nanofiltration, and their methods of preparation and use are disclosed. Membranes are formed from polybenzimidazoles by phase inversion and are then crosslinked by addition of crosslinking agents. These stabilise the membranes and allow solvent nanofiltration to be maintained even in the solvents from which the membranes were formed by phase inversion, and in strongly acidic and strongly basic solvents.



PCT

- (22) 13/05/2014
- (21) 0768/2014
- (44) August 2017
- (45) 25/02/2018
- (11) 28550

(51)	Int. Cl. 8 C09K 8/52 & C08G 63/08, 65/00 & C09K 3/00 & E21B 37/06
(71)	1. BAKER HUGHES INCORPORATED
` ´	2.
	3.
(72)	1. SONNE, Jennifer, Louise
	2. HILFIGER, Matthew
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(73)	1.
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(30)	1. (US) 13/710.921- 11-12-2012
()	2. (US) 61/569.990 - 13-12-2012
	3. (PCT/US2012/069120) - 12-12-2012
(74)	NAHED WADE REZK
(12)	Patent

(54) COPOLYMERS FOR USE AS PARAFFIN BEHAVIOR MODIFIERS Patent Period Started From 12/12/2012 and Will end on 11/12/2032

(57) Lactone/alkylene oxide polymers are useful as additives to inhibit or prevent the deposition of paraffin in hydrocarbon fluids, particularly crude oil produced from a subterranean formation. These polymers are random or block polymers made from addition reactions of a hydroxyl- and/or amine-containing base compound with at least one lactone monomer and at least one alkylene oxide monomer. In one non-limiting embodiment the lactone monomer is optional.



PCT

- (22) 03/05/2015
- (21) 0674/2015
- (44) October 2017
- (45) 25/02/2018
- (11) | 28551

(51)	Int. Cl. ⁸ D21H 21/40, 17/33 & B32B 27/10	
(71)	1. JOINT STOCK COMPANY GOZNAK (Russia) 2. 3.	
(72)	 TRACHUK, Arkady Vladimirovich KURYATNIKOV, Andrei Borisovich KORNILOV, Georgy Valentinovich FEDOROVA, Elena Mikhailovna TURKINA, Elena Samuilovna 	6. CHEKUNIN, Dmitry Borisovich 7. TSVETKOV, Vyacheslav Efimovich 8. PAVLOV, Igor Vasilievich 9. RYBIN, Konstantin Gennadievich
(73)	1. 2.	
(30)	1. (RU) 2012147218 - 07-11-2012 2. (PCT/RU2013/000930) - 21-10-2013 3.	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) COUNTERFEIT-PROOF MULTI-LAYERED PRODUCT AND METHOD FOR PRODUCING SAME

Patent Period Started From 21/10/2013 and Will end on 20/10/2033

(57) The invention relates to paper technology, and to products which are protected against counterfeiting, such as identification documents, bank cards and tokens serving as substitutes for banknotes. The technical result is that of producing banknote substitutes based on laminated plastics containing protective elements and being highly resistant to attack and mechanical wear during use, and reducing the production cost thereof. The counterfeit-proof multi-layered product comprises paper sheets with protective elements, said sheets being impregnated with a polymer binder, and also outer polymer layers. The paper sheets are completely impregnated in a thermoset polymer melt or a thermoplastic polymer melt and the surfaces of each sheet are coated with a polymer layer. The method for producing a multi-layered product comprises impregnating paper sheets with protective elements using a thermoset polymer melt or a thermoplastic polymer melt or mixtures thereof, drying with partial polymerization, assembling a stack of impregnated sheets, hot-pressing and laminating the stack while simultaneously forming a surface relief and cutting out products of a specified geometric shape.



PCT

- (22) 11/03/2012
- (21) 0423/2012
- (44) October 2017
- (45) 25/02/2018
- (11) 28552

	T + C1 8 C44D 2440 2440 0 + 0437 28/24	42/40 0 CO4T 22/44 0 CO0C 4/40 0
(51)	Int. Cl. 8 C11D 3/48, 3/12 & A01N 25/26, 43/40 & C01B 33/44 & C09C 1/42 &	
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(71)	1. UNILEVER PLC (BRITISH)	
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(72)	1. BHATTACHARYA, Arpita	4. JAYARAMAN, Suresh, Sambamurthy
()	2. GHOSH DASTIDAR, Sudipta	5. SAJI, Maya, Treesa
	3. IYER, Vidula	
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(30)	1. (IN) 2222MUM 2009 - 24-09-2009	
(00)	2. (EP) 7 / 09175488 - 10-11-2009	
	3. (PCT/EP2010/062618) - 30-08-2010	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) AN ANTIMICROBIAL PARTICLE AND A PROCESS FOR PREPARING THE SAME

Patent Period Started From 30/08/2010 and Will end on 29/08/2030

(57) A bipolar antimicrobial particle, which precursor is an asymmetric 1:1 or 2:1:1 clay particle comprising alternating tetrahedral and octahedral sheets terminating with a tetrahedral sheet at one external surface plane and an octahedral sheet at another external surface plane, with an antimicrobial group attached to the coordinating cation on one of the said external surface plane selected from a quaternary ammonium material comprising a single alkyl or alkenyl long chain having an average chain length greater than or equal to c20, or a quaternary ammonium material selected from cetylpyridinium chloride (cpc), cetyltrimethylammonium chloride (ctac), cetyltrimethylammonium bromide (ctab), benzalkonium chloride (bkc), benzethonium chloride, cetrimide, quatemium, polyhexamethylene bh, antimicrobial alcohols, antimicrobial phenols, antimicrobial organic acids/salts, zinc pyrithione, ketoconazole, octopirox or combinations thereof.



PCT

- (22) 23/04/2014
- (21) 0633/2014
- (44) October 2017
- (45) 25/02/2018
- (11) 28553

(51)	Int. Cl. 8 HO1L 31/042 & F24J 2/52
(71)	1. ADENSIS GMBH (GERMANAY) 2. 3.
(72)	 BECK, Bernhard SCHOLLER, Michael SIEDLER, Thomas
(73)	1. 2.
(30)	1. (DE) 10 2011 116 926.5 - 26-10-2011 2. (DE) 10 2012 008 001.8 - 20-04-2012 3. (PCT/EP2012/003473) - 16-08-2012
(74)	NAHED WADE REZK
(12)	Patent

(54) RETAINING SYSTEM FOR INSTALLING A PHOTOVOLTAIC MODULE

Patent Period Started From 16/08/2012 and Will end on 15/08/2032

(57) The invention relates to a retaining system for installing a photovoltaic module on a foundation by means of base supports which have a bearing head, a base support body and a bearing surface at the foundation end which counteracts penetration of the base supports into the foundation, wherein the base supports have at the top end a bearing plate set obliquely at an angle of inclination against the foundation, and wherein the base supports are provided and configured so that in the installed state the bearing plates of a pair of base supports are vertically spaced from one another relative to the foundation and are horizontally spaced from one another in adaptation to the photovoltaic module and are also substantially aligned with one another.



PCT

- (22) 07/08/2013
- (21) 1296/2013
- (44) November 2017
- (45) 25/02/2018
- (11) 28554

(51)	Int. Cl. 8 G10L 19/04, 19/14	
(71)	 FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. (GERMANY) 3. 	
(72)	2. SCHMIDT, Konstantin 7.	GAYER, Marc HILPERT, Johannes LUIS VALERO, Maria JAEGERS, Wolfgang
(73)	1. 2.	
(30)	1. (US) 61/442,632 - 14-02-2011 2. (PCT/EP2012/052461) - 14-02-2012 3.	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) AUDIO CODEC SUPPORTING TIME-DOMAIN AND FREQUENCY-DOMAIN CODING MODES Patent Period Started From 14/02/2012 and Will end on 13/02/2032

(57) An audio codec supporting both, time-domain and frequency-domain coding modes, having low-delay and an increased coding efficiency in terms of iterate/distortion ratio, is obtained by configuring the audio encoder such that same operates in different operating modes such that if the active operative mode is a first operating mode, a mode dependent set of available frame coding modes is disjoined to a first subset of time-domain coding modes, and overlaps with a second subset of frequency-domain coding mode, the mode dependent set of available frame coding modes overlaps with both subsets, i.e. the subset of time-domain coding modes as well as the subset of frequency-domain coding modes.



PCT

- (22) 12/03/2012
- (21) 0438/2012
- (44) October 2017
- (45) 25/02/2018
- (11) 28555

(51)	Int. Cl. ⁸ F35J 3/00	
(71)	1. ORTLOFF ENGINEERS, LTD (UNITE 2. 3.	D STATES OF AMERICA)
(72)	1. MARTINEZ, Tony, L	4. HUDSON, Hank, M
	2. WILKINSON, John, D	5. LYNCH, Joe, T
	3. CUELLAR, Kyle, T	
(73)	1. 2.	
(30)	1. (US) 12/868.993 - 26-08-2010 2. (US) 12/869.007 - 26-08-2010 3. (US) 12/869.139 - 26-08-2010 4. (US) 61/244.181 - 21-09-2009 5. (US) 61/346.150 - 19-05-2010 6. (US) 61/351.045 - 03-06-2010 7. (PCT/US2010/046966) - 27-08-2010	
(7.4)	NAHED WADE REZK	
(74)		
(12)	Patent	

(54) HYDROCARBON GAS PROCESSING Patent Period Started From 27/08/2010 and Will end on 26/08/2030

(57) A process and an apparatus are disclosed for the recovery of ethane, ethylene, propane, propylene, and heavier hydrocarbon components from a hydrocarbon gas stream The stream is cooled and divided into first and second streams The first stream is further cooled to condense substantially all of it and is thereafter expanded to the fractionation tower pressure and supplied to the fractionation tower at an upper mid-column feed position. The second stream is expanded to the tower pressure and supplied to the column at a mid-column feed position. A distillation vapor stream is withdrawn from the column above the feed point of the first stream, combined with a portion of the tower overhead vapor stream, compressed to higher pressure, and directed into heat exchange relation with the remaining tower overhead vapor stream to cool the compressed combined vapor stream and condense at least a part of it, forming a condensed stream.



PCT

- (22) 17/01/2013
- (21) 0096/2013
- (44) August 2017
- (45) 25/02/2018
- (11) 28556

(51)	Int. Cl. 8 B01D 71/56, 67/00, 69/10
(71)	1. IMPERIAL INNOVATIONS LIMITED (United Kingdome)
	2.
	3.
(72)	1. LIVINGSTON, Andrew Guy
	2. BHOLE, Yogesh Suresh
	3. JIMENEZ SOLOMON, Maria Fernanda
(73)	1.
(-)	2.
(30)	1. (GB) 1012083.0 - 19-07-2010
(50)	2. (PCT/GB2011/051364) - 19-07-2011
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) SOLVENT RESISTANT POLYAMIDE NANOFILTRATION MEMBRANES Patent Period Started From 19/07/2011 and Will end on 18/07/2031

(57) The present invention relates to a composite membrane for nanofiltration of a feed stream solution comprising a solvent and dissolved solutes and showing preferential rejection of the solutes. The composite membrane comprises a thin polymeric film formed by interfacial polymerisation on a support membrane. The support membrane is further impregnated with a conditioning agent and is stable in polar aprotic solvents. The composite membrane is optionally treated in a quenching medium, where the interfacial polymerisation reaction can be quenched and, in certain embodiments, membrane chemistry can be modified. Finally the composite membrane is treated with an activating solvent prior to nanofiltration.



PCT

- (22) 09/01/2014
- (21) 0038/2014
- (44) October 2017
- (45) 26/02/2018
- (11) 28557

(51)	Int. Cl. ⁸ B01D 3/00, 3/22
(71)	1. SAIPEM S.P.A (ITALY) 2. 3.
(72)	 AVAGLIANO, Ugo CARLESSI, Lino .
(73)	1. 2.
(30)	1. (IT) MI2011A001299 - 12-07-2011 2. (PCT/IB2012/053421) - 04-07-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

UREA REACTOR TRAY, REACTOR, AND PRODUCTION PROCESS Patent Period Started From 04/07/2012 and Will end on 03/07/2032

(57) A urea reactor tray having a base plate; and a number of hollow cupshaped members, which project vertically from the base plate along respective substantially parallel axes perpendicular to the base plate, and have respective substantially concave inner cavities communicating with respective openings formed in the base plate; the tray having a number of first cup-shaped members, each of which extends axially between an open top end having the opening, and a closed bottom end, and has a lateral wall with through holes substantially crosswise to the axis, and a bottom wall which closes the closed bottom end and has no holes.



PCT

- (22) 07/11/2012
- (21) 1876/2012
- (44) October 2017
- (45) 26/02/2018
- (11) 28558

(51)	Int. Cl. ⁸ F16L 1/235
(71)	1. SAIPEM S.P.A (ITALY)
	2. 3.
(==)	
(72)	1. MASSARI, Giovanni
	2. SCARPA, Matteo
	3.
(73)	1.
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(30)	1. (IT) MI2010A000829 - 10-05-2010
()	2. (PCT/IB2011/000984) - 10-05-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD OF LAYING A PIPELINE FROM A LAYING VESSEL ONTO THE BED OF A BODY OF WATER, AND LAYING VESSEL Patent Period Started From 10/05/2011 and Will end on 09/05/2031

- (57) A method of laying a pipeline from a laying vessel into a body of water; the method including the steps of :
 - guiding the pipeline along a supporting structure of a laying ramp by means of a number of guide devices;
 - acquiring an image of the pipeline, in an acquisition plane crosswise to the axis of the pipeline, at the free end of the laying ramp;
 - determining whether the acquired image is within an acceptance range (AR) predetermined as a function of the configuration of the supporting structure and the size of the pipeline;
 - and emitting an error signal (E) when the acquired image is not within the acceptance range (AR).



PCT

- (22) 24/05/2015
- (21) 0810/2015
- (44) November 2017
- (45) 26/02/2018
- (11) | 28559

(51)	Int. Cl. 8 B21D 51/26, G21C 1/03
(71)	1. JOINT STOCK COMPANY "AKME-ENGINEERING 2. 3.
(72)	1. TOSHINSKY, Georgy Iliich 2. 3.
(73)	1. 2.
(30)	1. (PCT/RU2012/000979) - 26-11-2012 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) NUCLEAR REACTOR WITH LIQUID METAL COOLANT Patent Period Started From 26/11/2012 and Will end on 25/11/2031

(57) The present nuclear reactor with a liquid metal coolant comprises a housing having a separating shell disposed therein. In the annular space between the housing and the separating shell are disposed at least one steam generator and at least one pump. Inside the separating shell there is an active region, above which a heat collector is disposed which is in communication with the vertically central portion of the steam generator in order to separate a stream of liquid metal coolant into ascending and descending flows, or the heat collector is in communication with the upper portion of the steam generator in order to create a counter-flow heat exchange regime. Below the reactor head is an upper horizontal cold collector with an unfilled level of coolant, and below the steam generator is a lower accumulating collector in communication with the upper cold collector. The inlet of the pump is connected to the upper cold collector, and the outlet of the pump is connected to a lower annular pressure collector, wherein collectors and are separated by a horizontal partition, and collector is in communication with a distributing collector of the active region.



PCT

- (22) 28/04/2014
- (21) 0670/2014
- (44) **September 2017**
- (45) 27/02/2018
- (11) 28560

(51)	Int. Cl. 8 F16L 9/04, 11/16
(71)	1. ITI SCOTLAND LIMITED (united Kingdome) 2. 3.
(72)	1. STEVENSON, Andrew 2. 3.
(73)	1. 2.
(30)	1. (GB) 1118846.3 - 01-11-2011 2. (PCT/GB2012/052719) - 31-10-2012 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) TUBULAR BODIES AND METHODS OF FORMING SAME Patent Period Started From 30/10/2012 and Will end on 29/10/2032

(57) The present invention provides a tubular article, such as may be used as an oil and gas pipeline, having a longitudinal axis X comprising inner and outer separate strips of spirally wound overlapping material each having a longitudinal axis L and first and second edges, in which each strip comprises two or more longitudinally extending ridges, each of which extends along said longitudinally extending axis L in parallel to each other and in which said ridges each comprise asymmetric ridges having a leading edge forming a contact portion and wherein said leading edges are each in contact with each other and further comprising a non-contact trailing edge portion which are spaced from each other by an amount G.



PCT

- (22) 03/06/2015
- (21) 0867/2015
- (44) October 2017
- (45) 27/02/2018
- (11) 28561

(51)	Int. Cl. 8 A61M 16/04
(71)	1. Hansa Medical Products, Inc. (UNITED STATES OF AMERICA)
()	2.
	3.
(72)	1. QUINN, Brad H
	2. BLOM, Eric D
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(73)	1.
. ,	2.
(30)	1. (US) 13/691.924 - 03-12-2012
()	2. (PCT/US2013/072237) - 27-11-2013
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) ENDOTRACHEAL TUBE HAVING OUTER AND INNER CANNULAE Patent Period Started From 27/11/2013 and Will end on 26/11/2033

(57) A tracheal tube apparatus includes a cannula having first and second ends. An inflatable cuff is formed on the cannula between the first and second ends. A conduit extends from the cuff for introducing an inflating fluid into the cuff when it is desired to inflate the cuff and removing inflating fluid from the cuff when it is desired to deflate the cuff. A gauge for indicating the inflation pressure of the cuff is coupled in the conduit.



PCT

- (22) 22/04/2015
- (21) 0624/2015
- (44) August 2017
- (45) 27/02/2018
- (11) 28562

(51)	Int. Cl. 8 C07C 2/36 & B01J 31/18	
(71)	 SAUDI BASIC INDUSTRIES CORPORATION (SAUDI ARABIA) Linde AG (Germany) 3. 	
(72)	 AZAM, Shahid ILIYAS, Abduljelil ALQAHTANI, Abdullah KHURRAM, Shehzada WÖHL, Anina 	6. MÜLLER, Wolfgang7. HARFF, Marco8. MEISWINKEI, Andreas9. BÖLT, Heinz
(73)	1. 2.	
(30)	1. (EP) 12194589.3 - 28-11-2012 2. (PCT/EP2013/002670) - 05-09-2013 3.	
(74)	NAHED WADE REZK	
(12)	Patent	

(54)	NAHID WADI RIZK TARAZI
	Patent Period Started From 05/09/2013 and Will end on 04/09/2033

(57) The present invention relates to a process for the oligomerization of ethylene, comprising the steps of: a) oligomerizing of ethylene in a reactor in the presence of solvent and catalyst; b) transferring reactor overhead effluent to an externally located cooling device and recycling condensed effluent into the reactor; c) transferring the reactor bottom effluent to a series of fractionation columns and, in the following order, i) optionally separating C6 fraction, ii) separating C6 fraction, iii) simultaneously separating C8 and C10 fractions and recycling thereof into the reactor, and iv) separating residues comprising? C12 fractions, spent catalyst, polymer material and quench media, from the process, wherein the solvent is separated in any of the steps i)-iv) and/or in an additional step.



PCT

- (22) 10/06/2015
- (21) 0942/2015
- (44) November 2017
- (45) 28/02/2018
- (11) 28563

(51)	Int. Cl. ⁸ H04N 19/30, 19/124
(71)	1. Sony Corporation (JAPAN) 2. 3.
(72)	1. SATO, Kazushi 2. 3.
(73)	1. 2.
(30)	1. (JP) 2012-275775 - 18-12-2012 2. (JP) 2013-144930 - 10-07-2013 3. (PCT/JP2013/081406) - 21-11-2013
(74)	NAHED WADE REZK
(12)	Patent

(54) IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD

Patent Period Started From 21/11/2013 and Will end on 20/11/2033

(57) Problem] In multilayer coding, to increase encoding efficiency by reusing, among layers, a parameter pertaining to quantization. [Solution] Provided is an image processing device provided with: a control unit that, on the basis of a first quantization parameter offset set to the color difference component of a first layer, sets a second quantization parameter offset for the color difference component of a second layer decoded while referring to the first layer; and an inverse quantization unit that performs inverse quantization on transform coefficient data for the color difference component of the second layer by means of a quantization parameter calculated using the second quantization parameter offset set by the control unit.



PCT

- (22) 10/05/2015
- (21) 0708/2015
- (44) August 2017
- (45) 28/02/2018
- (11) 28564

(51)	Int. Cl. 8 C07C 7/17, 7/171 & C10G 17/06, 17/07 &C02F 1/58 & C07C 11/02		
(71)	 SAUDI BASIC INDUSTRIES CORPORATION (SAUDI ARABIA) LINDE AG (GERMANY) 3. 		
(72)	 MOSA, Fuad AZAM, Shahid AL-OTAIBE, Sultan FRITZ, Peter BOLT, Heinz MEISWINKEL, Andreas TAUBE, Carsten 	8. WINKLER, Florian 9. MULLER, Wolfgang 10. WOHL, Anina 11.GOUKE, Volker 12.SCHNEIDER, Richard 13.FRITZ, Helmut	
(73)	1. 2.		
(30)	1. (EP) 12194658.6 - 28-11-2012 2. (PCT/EP2013/069932)- 25-09-2013 3.		
(74)	NAHED WADE REZK		
(12)	Patent		

(54) METHOD FOR REMOVAL AND RECOVERY OF ORGANIC AMINES FROM A HYDROCARBON STREAM Patent Period Started From 25/09/2013 and Will end on 24/09/2033

(57) The present invention relates to a method for removal and recovery of an organic amine from a hydrocarbon stream containing the amine, comprising the steps of: i) mixing the hydrocarbon stream containing the amine with an aqueous inorganic acid in a volumetric ratio of hydrocarbon stream: aqueous inorganic acid of >1:1-5:1, preferably 1.5:1-4:1, more preferably 3:1, ii) phase separating of hydrocarbon and aqueous phase; hi) removing the hydrocarbon phase and optionally further purifying thereof, iv) optionally recycling at least a part of the hydrocarbon phase obtained in step (iii) into mixing step (i), v) mixing the aqueous phase obtained in step (iii) with an aqueous alkaline solution, vi) phase separating of an aqueous phase and an organic phase formed, vii) removing the organic phase obtained in step (vi) and optionally further purifying thereof.



PCT

- (22) 15/09/2015
- (21) 1460/2015
- (44) November 2017
- (45) 28/02/2018
- (11) 28565

(51)	Int. Cl. 8 A23K 1/00	
(71)	1. ALLTECH, Inc. (UNITED STATES OF AMERICA) 2. 3.	
(72)	 MCKINNEY, Kyle LOVELL, Allyson HENRY, Benjamin 	4. BECKER, Patrick 5. TIMMONS, Rebecca, A
(73)	1. 2.	
(30)	1. (US) 61/787.842 - 15-03-2013 2. (US) 14/109.359 - 17-12-2013 3. (PCT/US2014/015729) - 11-02-2014	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) SYSTEMS AND METHODS FOR ANALYZING ANIMAL FEED Patent Period Started From 11/04/2014 and Will end on 10/04/2034

(57) The present invention relates to systems and methods for analyzing animal feeds. In particular, the present disclosure relates to in vitro systems and methods for analyzing animal feed for metabolism of nutrients and energy sources. Most animal feeds have as a primary goal the provision of at least a minimum requirement of nutrition to sustain the animals to which it is fed. Livestock (e.g., bovines, porcines, poultry, fish, etc.) have been selected over the past 20-50 years for specific characteristics such as growth, leanness, and metabolism efficiency.



PCT

- (22) 10/08/2014
- (21) 1283/2014
- (44) November 2017
- (45) 28/02/2018
- **(11)** | **28566**

(51)	Int. Cl. 8 H01H 3/58
(31)	
	A CANNAL VID BY DESTRUCTION OF A PER CONTRACT
(71)	1. CHINA XD ELECTRIC CO., LTD (CHINA)
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	3.
(72)	1. DENG, Hongxiang
(72)	, 5 5
	2. SU, Jufang
	3. ZHANG, Qiang
	4. Ma Cengrui
(73)	1.
(13)	2.
(20)	-
	1 (CN) 2012102E012(0 24 00 2012
(30)	1. (CN) 201210359126.9 - 24-09-2012
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(30)	
	2. (PCT/CN2013/083971) - 23-09-2013 3.
(30)	2. (PCT/CN2013/083971) - 23-09-2013
	2. (PCT/CN2013/083971) - 23-09-2013 3.

(54) A CLUTCH DEVICE OF A GEAR TRANSMISSION SYSTEM OF A CIRCUIT BREAKER SPRING OPERATING MECHANISM Patent Period Started From 23/09/2013 and Will end on 22/09/2033

(57) A clutch device of a gear transmission system of a circuit breaker spring operating mechanism comprises an energy storage shaft, a large gear, and a small gear. At an energy storage holding position of the large gear, a tooth missing and special teeth area is arranged corresponding to the small gear. In a cavity in the large gear in the area and a backward extended part, a clutch cam whose resetting is driven by a resetting spring is disposed. In the area, the large gear comprises a first special tooth, a second special tooth, and a space between the first and second special teeth. When energy storage is completed, the small gear pushes the first special tooth to push the large gear and energy storage shaft to the energy storage holding position that is separated from a friction dead zone, and the small gear and large gear automatically disengage from each other. When the energy storage holding position is reached during energy storage, the small gear rotates due to inertia and stops at any possible position. When the large gear is quickly rotated after switch-on, the small gear and large gear can reliably and stably reengage with each other. In any situation, phenomena such as jamming of the large and small gears and a switch-on failure are not likely to occur.

Arab Republic of Egypt

Ministry of State for Scientific Research Academy of Scientific Research & Technology



GRANTED PATENTS' ABSTRACTS GAZETTE PATENTS ISSUED IN MARCH 2018"

Egyptian Patent Office

Issue No 262

APRIL 2018

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(PATENT No. 28601)	(36)

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Preface

We are on the verge of a new era which is founded on the basis of technological development and hence, we have to follow it in all fields of national development. Technology has become the basis for the increase in national income and production and hence, scientific research has become our real hope as a way for advancement and as a necessity for life.

Emerging from the responsibility of the Academy of Scientific Research and Technology towards strengthening the pillars of science and technology, I have the pleasure to introduce the Granted Patent's Abstracts of the Publication of Patents monthly, Which includes bibliographical data. This periodical is directed to all those interested in the vital field of Intellectual property which encompasses patents, innovations and creative works.

I hope that this publication meets its targeted objective, namely increasing the welfare, prosperity and advancement for our beloved country, Egypt.

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

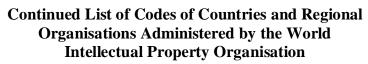
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Bibliographic data	symbol
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Priority Date	30
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Inventor Name	72
Patentee Name	73
Patent Attorney Name	74



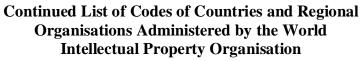
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AF	Afghanistan
AG	Antigua and Barbuda
AL	Albania ⁾
AM	Armenia
AO	Angola
AR	Argentina
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AZ	Azerbaijan
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BY	Belarus
BZ	Belize
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CF	Central African Republic
CG	Congo
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CI	Cote D'Ivoir
CL	Chile
CM	Cameroon
CN	China
CO	Colombia

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GM	Gambia
GN	Guinea
GQ	Equatorial Guinea
GR	Greece
GT	Guatemala
GW	Guinea-Bissau
GY	Guyana
HK	Hong Kong
HN	Honduras
HR	Croatia
HU	Hungary
ID	Indonisia
IE	Ireland



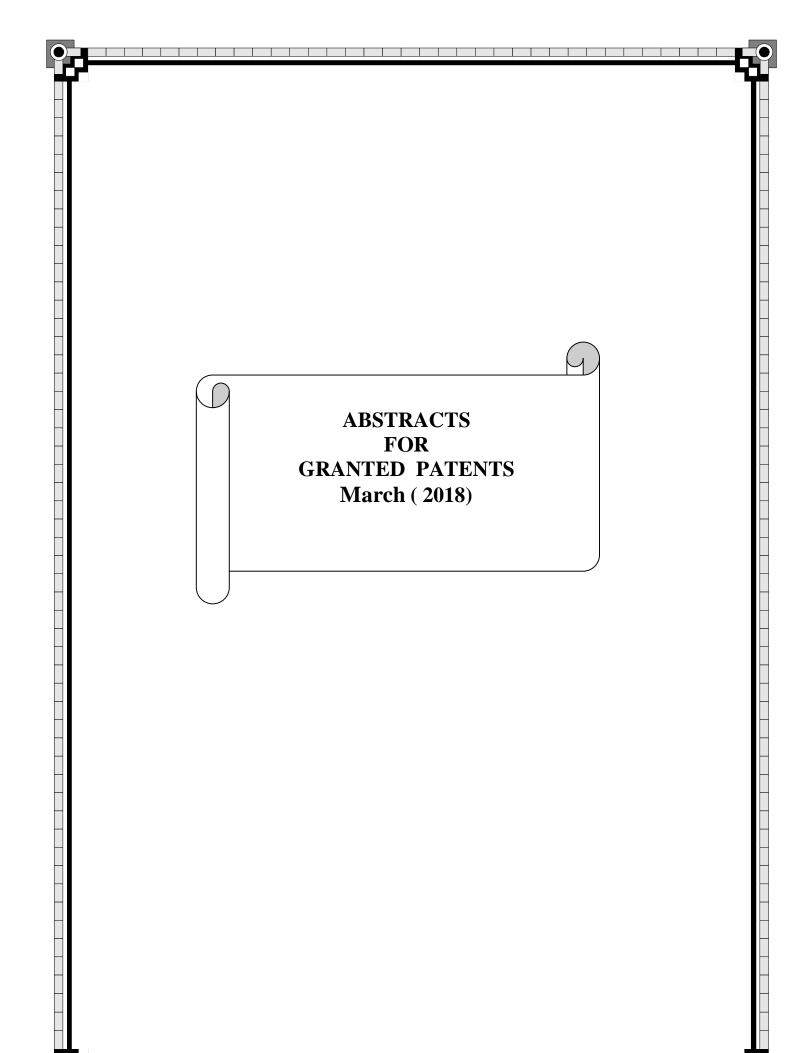
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IN	India
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IR	Iran
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IT	Italy
JO	Jordan
JP	Japan
KE	Kenya
KG	Kyrgyzstan
KM	COMOROS
KN	Saint Kitts and Nevis
KP	D. P's. R. of Korea
KR	Republic of Korea
KW	Kuwait
KZ	Kozakhstan
LA	LAO PEOPLE'S DEMOCRATIC REPUBLIC
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LK	Sirlanka
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LS	Lesotho
LT	Lithuania
LU	Luxembourg
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LY	Libyan Arab Jamahirya
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MC	Monaco
MD	Republic of Moldova
ME	Montenegro
MG	Madagascar

Code	Country
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N	Nicaragua
NL	Netherlands
NO	Norway
NZ	New Zealand
ОМ	Oman
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PG	Papua New Guinea
РН	Philippines
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PY	Paraguay
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RO	Romania
RS	Serbia
RU	Russian Federation
RW	Rwanda
SA	Saudi Arabia



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SN	Senegal
SO	Somalia
SR	Suriname
ST	Saotome and Principe
SV	El Salvador
SY	Syrian Arab Republic
SZ	Swaziland
TD	Chad
TG	Togo
TJ	Tajikistan
TH	Thailand
TM	Turkmenistan
TN	Tunisia
TR	Turkey
TT	Trindad and Topago
TW	Taiwan
TZ	United Republic of Tanzania
UA	Ukraine
UG	Uganda
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

Code	Country
VE	Venezuela
VN	Viet Nam
YD	Yemen
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe





PCT

- (22) 08/12/2015
- (21) 1930/2015
- (44) November 2017
- (45) 04/03/2018
- (11) 28567

(51)	Int. Cl. 8 A23B 7/06, 7/04, 7/055 & A23L 1/217
(71)	1. XINIR BVBA (Belgium) 2. 24HOURNAMES.COM NV(Belgium) 3. BRAMMIES BVBA(Belgium)
(72)	 LAMAIRE, Bart LAMAIRE, Jose LAMAIRE, Bram
(73)	1. 2.
(30)	1. (PCT/BE2014/000027) - 06-06-2014 2. 2013/00415 (12-06-2013) 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD FOR PREPARING DEEP-FROZEN VEGETABLES PIECES

Patent Period Started From 06/06/2014 and Will end on 05/06/2034

(57) Method for preparing deep-frozen vegetable pieces, preferably potato pieces such as french fries, comprising of bringing the vegetable pieces into brief contact with an inert substance which has a temperature which is sufficiently low and for a period of time which is sufficiently long to impart to the outer layer of the vegetable pieces a temperature which is <0°C while an inner part of the vegetable piece has a temperature which is >0°C; slowly freezing the vegetable pieces until the pieces are fully deep-frozen by bringing the vegetable pieces into contact with air.



PCT

(22) 15/02/2014

(21) 0976/2014

(44) October 2017

(45) 04/03/2018

(11) | 28568

(51)	Int. Cl. 8 B22D 41/08, 41/22, 41/32, 41/36, 41/50, 41/54 & C04B 14/20, 35/80, 28/26, 111/28 & C04B 21/14 2/10 8 F1/4 15/97
	C09K 21/14, 3/10 & F16J 15/06
(71)	1. VESUVIUS CRUCIBLE COMPANY (UNITED STATES OF AMERICA)
. /	2.
	3.
(72)	1. OVENSTOE, JAMES
	2. ZHOU,MARTIN
	3.
(73)	1.
(1-)	2.
(30)	1. (EP)11193966.6 - 16-12-2011
(30)	2. (PCT/IB2012/002949)- 14-12-2012
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) NOZZLE ASSEMBLY COMPRISING FIRST AND SECOND ELEMENTS BEING COUPLED TO ONEANOTHER IN A SLIDING TRANSLATION RELATIONSHIP AND A SEALING MEMBER MADE OFTHERMALLY INTUMESCENT MATERIAL REFRACTORY ELEMENT.METHOD FOR PRODUCING AREFRACTORY ELEMENT, METHOD FOR COUPL

Patent Period Started From 14/12/2012 and Will end on 13/12/2032

(57) The present invention concerns a nozzle assembly for a metal casting apparatus selected from a sliding gate and a tube exchange device, said nozzle assembly comprising: a first refractory element comprising a first coupling surface which includes a first bore aperture, and a second refractory element comprising a second coupling surface, which includes a second bore aperture, the first and second elements being coupled to one another in a sliding translation relationship through their respective first and second coupling surfaces such that the first and second bore apertures can be brought into and out of registry to define, when in registry, a continuous bore for discharging molten metal from a molten metal inlet to a molten metal outlet of said nozzle assembly, a sealing member provided between the first and second coupling surfaces of the first and second elements, characterized in that, the sealing member comprises a thermally intumescent material



PCT

(22) 09/11/2014

(21) 1800/2014

(44) | September 2017

(45) 04/03/2018

(11) 28569

(51)	Int. Cl. 8 F28D 20/00
(71)	 COMMISSARIAT ALENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES (France) 3.
(72)	 COUTURIER, Raphael BRUCH, Arnaud FOURMIGUE, Jean-Francois
(73)	1. 2.
(30)	1. (FR) 1254226 - 09-05-2012 2. (PCT/EP2013/059404) - 06-05-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD FOR FILLING A HEAT STORAGE TANK WITH SOLID ELEMENTS

Patent Period Started From 06/05/2013 and Will end on 0505/2033

(57) A method for filling a heat storage tank with solid elements having at least one first particle size and one second particle size, the first particle size being greater than the second particle size, said method comprising the following steps: a) pouring a first quantity of solid elements of the first particle size into the tank, b) levelling said first quantity of solid elements of the first particle size so as to form a layer of a substantially constant height, c) pouring a second given quantity of solid elements of the second particle size over the layer of solid elements of the first particle size such that the solid elements of the second particle size flow between the solid elements of the first particle size and such that the elements of the second particle size are flush with the layer of the solid elements of the first particle size and so as to form an intermediate layer.



PCT

- (22) 11/10/2012
- (21) 1737/2012
- (44) October 2017
- (45) 04/03/2018
- (11) 28570

(51)	Int. Cl. 8 A01N 43/54, 25/00 & C07D 239/42
(71)	1. SYNGENTA LIMITED (UNITED KINGDOM)
	2. 3.
(72)	1. GEORGE, Nell
(, -)	2. FORREST, James, Owen
	3. BURTON, Rebecca, Claire
	4. AAKEROY, Christer, Björn
(73)	1.
(-)	2.
(30)	1. (GB) 1006326.1 - 15-04-2010
(/	2. (PCT/GB2011/000531) - 06-04-2011
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) CO -CRYSTALS OF PYRIMETHANIL OR CYPRODINIL Patent Period Started From 06/04/2011 and Will end on 05/04/2031

(57) The present invention relates to co-crystals of cyprodinil or pyrimethanil and a co- crystal forming compound which has at least one imide and/or oxime functional group.



PCT

- (22) 03/03/2013
- (21) 0352/2013
- (44) October 2017
- (45) 05/03/2018
- (11) | 28571

(51)	Int. Cl. 8 C22C 21/00 & C22F 3/04, 1/00 & F28F 21/08
(71)	1. KABUSHIKI KAISHA KOBE SEIKO SHO (Japan)
(, 1)	2.
	3.
(72)	1. UMEDA Hidetoshi
	2. KANEDA Daisuke
	3. OTA Yosuke
	4. HOSHINO Kozo
(73)	1.
(-)	2.
(30)	1. (JP) 2010-198326 - 03-09-2010
()	2. (JP) 2011-080856 - 31-03-2011
	3. (PCT/JP2011/068973) - 23-08-2011
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) HEAT EXCHANGER ALUMINUM ALLOY FIN MATERIAL AND METHOD FOR PRODUCING SAME

Patent Period Started From 23/08/2011 and Will end on 22/08/2031

(57) This heat exchanger aluminum alloy fin material: has an Fe concentration of 0.20-1.0 mass% and a Cu concentration of 0.02-0.1 mass%; suppresses Si concentration to 0.15 mass% or less, Mn concentration to 0.015 mass% or less, and Cr concentration to 0.015 mass% or less; and has the remainder comprise Al and inevitable impurities. Therein, the thickness of the heat exchanger aluminum alloy fin material is 0.1mm or less, the average particle diameter of the subgrains is 2.5 μm or less, and the volume fraction of β -Fiber is 80% or more. This fin material makes it possible to suppress the occurrence of collar cracking during forming.



PCT

(22) 23/12/2013

(21) 19592013

(44) August 2017

(45) 05/03/2018

(11) | 28572

(51)	Int. Cl. 8 C07D 401/06, 401/12, 401/14, 403/06, 403/12, 403/14 & A01N 43/56, 43/54
(71)	1. SYNGENTA PARTICIPATIONS AG (CHINA) 2. 3.
(72)	 SULZER-MOSSE, Sarah LAMBERTH, Clemens CEDERBAUM, Fredrik Emil Malcolm
(73)	1. 2.
(30)	1. (US) 61/503,257 - 30-06-2011 2. (PCT/EP2012/062428) - 27-06-2012 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) MICROBIOCIDAL HETEROCYCLES Patent Period Started From 27/06/2012 and Will end on 26/06/2032

(57) The present invention relates to heterocyclic compounds of formula I which have microbiocidal activity, in particular fungicidal activity as well as methods of using the compounds of formula (I) to control microbes: wherein A is x-C(R10R11)-C(=O)-, x-C(R12R13)-C(=S)-, x-O-C(=O)-, x-O-C(=S)-, x-N(R14)-C(=O)-, x-N(R15)-C(=S)-, x-C(R16R17)-SO2- or x-N=C(R30)-,, in each case x indicates the bond that is connected to R1; T is CR18 or N; Y1, Y2, Y3, and Y4 are independently CR19 or N; Q is O or S; n is 1 or 2; p is 1 or 2, providing that when n is 2, p is 1. R1 is (formula A) R2, R3, R4, R5, R6, R7, R10, R11, R12, R13, R16, R17, R18,R19 and R30 each independently are hydrogen, halogen, cyano, C1-C4alkyl, or C1-C4alkyl; R8, R14 and R15 each independently are hydrogen or C1-C4alkyl; and R9 is phenyl, benzyl or group (a), wherein the phenyl, benzyl and group (a) are each optionally substituted with 1 to 3 substituents independently selected from C1-C4 alkyl, C1-C4 haloalkyi, halogen, cyano, hydroxy and amino; or a salt or a N-oxide thereof.

$$F = \begin{bmatrix} R^2 & R^5 & R^5 \\ R^1 & R^1 & R^5 \\ R^2 & R^3 & R^3 \end{bmatrix}$$

$$F = \begin{bmatrix} R^2 & R^3 & R^5 \\ R^7 & R^5 & R^5 \\ R^7 & R^7 & R^5 \\ R^7 & R^8 & R^8 \end{bmatrix}$$

$$(1)$$



PCT

- (22) 23/05/2010
- (21) 0846/2010
- (44) November 2017
- (45) 05/03/2018
- (11) 28573

(51)	Int. Cl. ⁸ H03M 13/19
(71)	1. SONY CORPORATION (JAPAN) 2. 3.
(72)	 YAMAMOTO, Makiko YOKOKAWA, Takashi
(73)	1. 2.
(30)	1. (JP) 2007-304689 - 26-11-2007 2. (JP) 2008-070467 - 18-03-2008 3. (PCT/JP2008/071384)- 26-11-2008
(74)	NAHED WADE REZK
(12)	Patent

(54) A DEVICE AND A METHOD FOR DATA PROCESS Patent Period Started From 26/11/2008 and Will end on 25/11/2028

(57) The present invention relates to a data process device whose resistance against an error such as a burst error or an erasure error of a code bit of an LDPC code can be improved, and a data process method. An LDPC coding unit performs LDPC coding according to a check matrix that is a parity matrix of a step constitution that is a part corresponding to a parity bit of the LDPC (Low Density Parity Check) code and outputs the LDPC code. A parity interleaver performs a parity interleave in which the parity bit of the LDPC code outputted by the LDPC coding unit is interleaved to a position of another parity bit. The present invention can be applied to for example, a transmission device for transmitting the LDPC code.



PCT

- (22) 12/04/2012
- (21) 0687/2012
- (44) November 2017
- (45) 05/03/2018
- (11) 28574

	T . CT 8 C 407 40400	
(51)	Int. Cl. ⁸ G10L 19/00	
(71)	1. FRAUNHOFER-GESELLSCHAFT	ZUR FORDERUNG DER ANGEWANDTEN
(, -)	2. FORSCHUNG E.V. (GERMANY)	
	3.	
(72)	1. FUCHS, Guillaume	5. GAYER, Marc
(, -)	2. SUBBARAMAN, Vignesh	6. WARMBOLD, Patrick
	3. RETTELBACH, Nikolaus	7. GRIEBEL, Patrick
	4. MULTRUS, Markus	8. WEISS, Oliver
(73)	1.	
()	2.	
(30)	1. (US) 61/253,459 - 20-10-2009	
(30)	2. (PCT/EP2010/065727) - 19-10-2010	
	3.	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) AUDIO ENCODER, AUDIO DECODER, METHOD FOR ENCODING AN AUDIO INFORMATION, METHOD FOR DECODING AN AUDIO INFORMATION AND COMPUTER PROGRAM USING AN ITERATIVE INTERVAL SIZE REDUCTION Patent Period Started From 19/10/2010 and Will end on 18/10/2030

An audio decoder for providing a decoded audio information on the basis of an encoded audio information comprises an arithmetic decoder for providing a plurality of decoded spectral values on the basis of an arithmetically-encoded representation of the spectral coefficients. The audio decoder also comprises a frequency-domain-to-timedomain converter for providing a time-domain audio representation using the decoded spectral values, in order to obtain the decoded audio information. The arithmetic decoder is configured to select a mapping rule describing a mapping of a code value onto a symbol code in dependence on a numeric current context value describing a current context state. The arithmetic decoder is configured to determine the numeric current context value in dependence on a plurality of previously decoded spectral values. The arithmetic decoder is configured to evaluate at least one table using an iterative interval size reduction to determine whether the numeric current context value is identical to a table context value described by an entry of the table or lies within an interval described by entries of the table, and to derive a mapping rule index value describing a selected mapping table. An audio encoder also uses an iterative interval table size reduction.



PCT

- (22) 28/10/2009
- (21) 1593/2009
- (44) November 2017
- (45) 05/03/2018
- (11) 28575

(51)	Int. Cl. 8 H04L 27/26 & H04B 7/26 & H04Q 7/38
(71)	 OPTIS WIRELESS TECHNOLOGY, LLC. 3.
(72)	 Baldemair, Robert KAZMI, MUHAMMAD LINDOFF BENGT
(73)	1. 2.
(30)	1. (SE) 0701043-2 - 30-04-2007 2. (PCT/SE2007/051076) - 21-12-2007 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) SYNCHRONIZATION TIME DIFFERENCE MEASUREMENTS IN OFDM SYSTEMS

Patent Period Started From 21/12/2007 and Will end on 20/12/2027

(57) Disclosed herein are methods and devices for determining a received time difference between a first OFDM signal received from a first base station and a second OFDM signal received from a second base station The methods and apparatus disclosed herein may be applied to 3GPP LTE systems as well as other OFDM-based wireless communication systems An exemplary method comprises determining a decoding synchronization time for each of the first and second OFDM signals and calculating a time difference between the respective decoding synchronization times The calculated time difference is transmitted by a mobile terminal to the first base station the second base station, or both Methods and apparatus for processing, at a base station time difference information calculated according to the methods herein and transmitted to the base station by a mobile terminal are also presented.

Patent

(12)



(22) 21/07/2015 (21) 1145/2015

(44) **November 2017**

(45) 05/03/2018

(11) | 28576

(51) Int. Cl. 8 B65D 19/00

(71) 1. AVANTPACK S.L. (SPAIN)
2. 3.

(72) 1. MARCONEL CARPIO, Jose Lui
2. GARCIA GUILLEN, Tomas Andres
3.

(73) 1.
2.

(30) 1. (NO) P 201330046 - 17-01-2013
2. (NO) P 201331602 - 30-10-2013
3. (PCT/ES2014/070023) - 16-01-2014

(74) ALFONS ROSHDY REYAD

(54) DISMANTLABLE SELF-ASSEMBLY STRUCTURE Patent Period Started From 16/01/2014 and Will end on 15/01/2034

(57) The invention relates to a self-assemblyformed by a series of longitudinal members and cross members, all of the longitudinal members being identical to one other and all of the cross members being identical to one other, such that only two types of parts are required to construct the structure. Owing to the shape of the parts, they can be assembled to one another to create a solid structure without requiring any otherconnecting materials or elements. The longitudinal members comprise a series of slots into which narrowed segments of the cross members are inserted. Once the cross members have been inserted into the slots they are trapped therein by moving the longitudinal members and, in order to prevent this movement occurring in the opposite direction, othercross members are inserted intoslots provided in the longitudinal membersfor this purpose.



PCT

- (22) 20/02/2012
- (21) 0291/2012
- (44) November 2017
- (45) 05/03/2018
- (11) 28577

(51)	Int. Cl. 8 A61M 29/00
(71)	1. GLAXOSMITHKLINE LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	1. FENTON, GustaY, R 2. MISHRA, Snigdha 3.
(73)	1. 2.
(30)	1. (US) 61/289,465 - 23-12-2009 2. (PCT/US2010/061399)- 21-12-2010 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) IMPROVED EXTERNAL NASAL DILATOR Patent Period Started From 21/12/2010 and Will end on 20/12/2030

(57) The present invention relates to an external nasal dilator, more specifically to an improved external nasal dilator, which provides a focused and efficient spring force to the outer wall tissues of a first and second nasal passages.



PCT

- (22) 16/01/2014
- (21) 0062/2014
- (44) November 2017
- (45) 05/03/2018
- (11) 28578

(51)	Int. Cl. 8 C03B 18/16, C03B 18/18
(71)	1. SAINT-GOBAIN GLASS FRANCE (FRANCE) 2. 3.
(72)	 BIGNON, Guillaume BOUILLET, Fabien GASSER, StEphane
(73)	1. 2.
(30)	1. (FR) 1157075 - 02-08-2011 2. (PCT/FR2012/051642)- 11-07-2012 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) GLASS FLOAT CHAMBER Patent Period Started From 11/07/2012 and Will end on 10/07/2032

(57) The invention relates to a chamber for floating glass on a bath of molten metal comprising an upstream wall (3), a downstream wall (4) and two lateral walls (1, 2), rolls (8) for driving the glass in a direction of travel from upstream to downstream, a lateral wall comprising a shoulder (21, 22) resulting in a reduction in the width of the chamber in the direction of travel of the glass, said shoulder (21, 22) starting at a first point (25, 25') and terminating at a second point (26, 26') of the lateral wall, said points being in contact with the surface of the bath of metal, the vertical plane (23) passing through these two points (25, 26) forming with the vertical plane (24) parallel to the direction of travel of the glass and passing through the first point (25), an angle inside the chamber which is greater than 150?. The geometric features of the shoulder (21, 22) reduce the lateral reciprocal motion of the ribbon emerging from the chamber.



PCT

- (22) 06/05/2010
- (21) 0747/2010
- (44) November 2017
- (45) 06/03/2018
- (11) 28579

(51)	Int. Cl. ⁸ E03B 3/00 & E21B 43/02 & C02F 3/04
(71)	 LUXIN (GREEN PLANET) AG (Switzerland) 3.
(72)	 BURKHARDT, Holger GLANZMANN, Arthur 3.
(73)	1. 2.
(30)	1. (EP) 07120361.6 - 09-11-2007 2. (PCT/ EP2008/009461) - 10-11-2008 3.
(74)	Abdul Hade Intellectual Property
(12)	Patent

(54) WATER-STORING AND WATER Patent Period Started From 10/11/2008 and Will end on 09/11/2028

(57) The present invention relates to a water-storing and water-cleaning system. Said system is designed in such a manner that it can be used irrespective of location. It is used, inter alia, in agriculture, in horticulture and in reforestation. Said system comprises a reservoir that is filled with a porous material, into which the water is seeped. In order to displace the seepage path, the reservoir contains at least one barrier layer made of a water-impermeable material, that separates the two layers made of the porous material and comprises an outlet for connecting the layers.



PCT

- (22) 06/04/2014
- (21) 0542/2014
- (44) November 2017
- (45) 07/03/2018
- (11) 28580

(51)	Int. Cl. ⁸ B66B 5/18
	A DIVINITIO A C (C to 1)
(71)	1. INVENTIO AG (Switzerland)
	2.
	3.
(72)	1. OSMANBASIC, Farouk
	2. GREMAUD, Nicolas
	3. GEISSHUSLER, Michael
(73)	1.
()	2.
(30)	1. (EP) EP 11191102.0 - 29-11-2011
(00)	2. (PCT/EP2012/071991) - 07-11-2012
	3.
(74)	MAGDA HAROUN, NADIA HAROUN
(12)	Patent

(54) SAFETY BRAKE WITH RESETTING MEANS Patent Period Started From 07/11/2012 and Will end on 06/11/2032

(57) In this lift system, a lift car is arranged such that it can be moved along guide rails, and the lift car is equipped with a brake system with preferably two safety brakes. The safety device is actuated via control devices which can trigger the safety device on the basis of critical or non-critical events. Furthermore, the control devices contain a function for automatic resetting of the safety brake when an event which is evaluated as non-critical is specified as reason for the triggering of the safety brake. The resetting of the safety brake takes place by carrying out predefined resetting steps of the lift car.



PCT

- (22) 30/04/2013
- (21) 0737/2013
- (44) November 2017
- (45) 07/03/2018
- (11) 28581

(51)	Int. Cl. 8 H04W 52/36
(71)	1. TELEFONAKTIEBOLAGET L M ERICSSON (SWEDEN) 2.
	3.
(72)	1. BOSTROM, Lisa
	2. BALDEMAIR, Robert
	3. WIEMANN, Henning
(73)	1.
()	2.
(30)	1. (US) 61/428,684 - 30-12-2010
(00)	2. (PCT/SE2011/050528)- 29-04-2011
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54)	METHODS AND APPARATUSES FOR ENABLING POWER
	BACK-OFF INDICATION IN PHR IN A
	TELECOMMUNICATIONS SYSTEM
	Patent Pariod Started From 20/04/2011 and Will and on 28/04/2031

(57) The exemplary embodiments describe a method for use in a user equipment, a method for use in a radio base station; a user equipment and a radio base station. According to the exemplary embodiments, the user equipment is configured to decide on application or not of a power reduction and to indicate it decision in a power headroom report intended for transmission to the radio base station. The radio base station is configured to receive the power headroom report and based on the indicated information in the received power headroom report, the base station in made aware of an additional or special power back off (e.g. to fulfill SAR requirements) has been applied and thereby able to distinguish it from normal power back off or power reduction.



PCT

- (22) 03/02/2013
- (21) 0175/2013
- (44) November 2017
- (45) 07/03/2018
- (11) 28582

(51)	Int. Cl. 8 H04N 9/31
(71)	1. TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (SWEDEN) 2.
	3.
(72)	1. PERSSON, Jan Patrik
(, -)	2. GUSTAFSSON, Harald
	3. PERSSON, Per
(73)	1.
(, 0)	2.
(30)	1. (US) 12/855,051 - 12-08-2010
(00)	2. (PCT/EP2011/063224) - 01-08-2011
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) COMPOSITION OF DIGITAL IMAGES FOR PERCEPTIBILITY THEREOF

Patent Period Started From 01/08/2011 and Will end on 30/07/2031

(57) Teachings herein compose a digital image so that the image is perceptible on a viewing surface, such as a projection surface or a transparent screen. In doing so, the teachings advantageously recognize a digital image as consisting of one or more logical objects, like buttons of a user interface. Often, logical objects may be spatially arranged within the image and/or colored in different possible ways without substantially affecting the meaning conveyed by the image. Exploiting this, teachings herein evaluate light reflected from, or transmitted through, the viewing surface, and compose the digital image from one or more logical objects that have a spatial arrangement or coloration determined in dependence on that evaluation. The teachings might, for example, place a logical object within the image so that it will be displayed on a region of the surface which has high contrast with the object's colors and/or low color variance.



PCT

- (22) 18/06/2014
- (21) 0994/2014
- (44) | September 2017
- (45) 12/03/2018
- (11) 28583

(51)	Int. Cl. ⁸ E21B 43/16, E21B 43/25
(71)	1. IMPACT TECHNOLOGY SYSTEMS AS (NORWAY) 2. 3.
(72)	 PAULSEN, Jim-Viktor 3.
(73)	1. 2.
(30)	1. (DK) PA 2011 70725 - 19-12-2011 2. (EP) 11194897.2 - 21-12-2011 3. (PCT/EP2012/076145) - 19-12-2012
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD AND SYSTEM FOR IMPACT PRESSURE GENERATION Patent Period Started From 19/12/2012 and Will end on 18/12/2032

(57) A method is described for the recovery of hydrocarbon from a reservoir. The method comprises arranging a chamber in fluid communication with the reservoir via at least one conduit, and having the chamber comprising first and second wall parts movable relative to each other. An impact pressure is provided in the fluid to propagate to the reservoir via the conduit, where the impact pressure is generated by a collision process between an object arranged outside of the fluid and the first wall parts for the first wall part to impact on the fluid in the chamber. Further, the chamber is arranged to avoid a build-up of gas-inclusions where the first wall part impacts on the fluid. This may be obtained by arranging the conduit in or adjacent to the zone where the gas-inclusions naturally gather by influence of the gravitational forces, or by placing the first wall part impacting on the fluid away from this zone. The invention further relates to a system for the generation of impact pressure as mentioned above.



PCT

- (22) 28/07/2013
- (21) 1238/2013
- (44) **September 2017**
- (45) 11/03/2018
- (11) 28584

(51)	Int. Cl. ⁸ B32B 27/32
(71)	 CLOSURE SYSTEMS INTERNATIONAL, INC (UNITED STATES OF AMERICA) 3.
(72)	 MICHE, Stephane 3.
(73)	1. 2.
(30)	1. (US) 61/437,336 - 28-01-2011 2. (PCT/ US2012/022647) - 26-01-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CLOSURE AND LINER COMPOSITIONS ESSENTIALLY FREE OF ETHYLENE VINYL ACETATE COPOLYMER Patent Period Started From 26/01/2012 and Will end on 25/01/2032

(57) The invention provides liner resin compositions which are essentially free of ethylene vinyl alcohol (EVA) copolymer and molded plastic closures which include the described liner resin compositions. Instead of EVA copolymers, the provided liner resin compositions generally include low density polyethylene (LDPE). Accordingly, in one embodiment, the invention provides a liner resin composition comprising: a) LDPE; b) metallocene-catalyzed very low density polyethylene; c) a random copolymer; and d) a lubricant; wherein said liner composition is essentially free of EVA copolymer.

units.



PCT

- (22) 02/06/2014
- (21) 0880/2014
- (44) | September 2017
- (45) 13/03/2018
- (11) 28585

(51)	Int. Cl. 8 E21B 43/20
(71)	1. SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B.V. (NETHERLANDS) 2.
	3.
(72)	1. JANSSEN, Albert Joseph Hendrik
(,2)	2. SCHRADER, Guillo Alexander
	3. VERBEEK, Paulus Henricus Joannes
(73)	1.
(10)	2.
(30)	1. (EP)11196116.5 - 29-12-2011
(50)	2. (PCT/EP2012/076415) - 20-12-2012
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) METHOD AND SYSTEM FOR ENHANCING OIL RECOVERY (EOR) BY INJECTING TREATED WATER INTO AN OIL BEARING FORMATION Patent Period Started From 20/12/2012 and Will end on 19/12/2032

(57) Oil recovery is enhanced by: - filtering solids from seawater in a filtration assembly to produce pre-treated seawater; - further treating the pre-treated seawater in a Capacitive De-Ionisation (CDI) assemblywith flowpaths for the pre-treated seawater between oppositely charged electrodes which adsorb ions to produce treated seawater; and - injecting the treated seawater with reduced salinity and solids content into the formation to mobilize crude oil and Enhance Oil Recovery (EOR). The filtering & CDI assemblies provide treated seawater with a purity, salinity and TDS levels suitable for EOR, without subsequent re-blending with raw seawater to readjust the TDS level, and are less sensitive to fouling and less energy-

intensive than known Reverse Osmosis (RO) EOR seawater treatment



PCT

- (22) 22/11/2015
- (21) 1841/2015
- (44) November 2017
- (45) 13/03/2018
- (11) 28586

(51)	Int. Cl. 8 B65D 85/804
(71)	 K-fee System GmbH (GERMANY) 3.
(72)	 EMPL, Günter KRUGER, Marc 3.
(73)	1. 2.
(30)	1. (DE) 10 2013 210 031.0 - 29-05-2013 2. (DE) 10 2013 225 779.1 - 12-12-2013 3. (DE) 10 2014 100 689.5 - 22-01-2014 4. (PCT/EP2014/060954) - 27-05-2014
(74)	NAHED WADE REZK
(12)	Patent

(54) SINGLE SERVE CAPSULE HAVING A LIQUID DISTRIBUTOR Patent Period Started From 27/05/2014 and Will end on 26/05/2034

(57) The invention relates to a single serve capsule having a capsule body, the walls and bottom of which delimit an interior in which a drink or food substance is provided, which is dissolved and/or extracted by means of a liquid, which is introduced into the single serve capsule, wherein a liquid distributor, which distributes a liquid supply at least partially over the cross section of the single serve capsule, is provided in the interior, in particular downstream of the liquid supply.



PCT

- (22) 17/12/2014
- (21) 2044/2014
- (44) November 2017
- (45) 13/03/2018
- (11) 28587

(51)	Int. Cl. 8 B65D 85/804
(71)	1. K-fee System GmbH (GERMANY)
	2. 3.
(=0)	
(72)	1. EMPL, Günter
	2.
	3.
(73)	1.
(, 0)	2.
(30)	1. (DE) 10 2012105282.4 - 18-06-2012
(00)	2. PCT/EP2013/062610 - 18-06-2013
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) PORTION CAPSULE AND METHOD FOR PRODUCING A BEVERAGE BY MEANS OF A PORTION CAPSULE Patent Period Started From 18/06/2013 and Will end on 17/06/2033

(57) The invention relates to a portion capsule for producing a beverage, comprising a capsule body, which has a capsule bottom and a lid, wherein a cavity for accommodating a powdery or liquid beverage substrate is formed between the capsule bottom and the lid and wherein a filter element is arranged in the cavity. The invention further relates to a method for producing a portion capsule and the use of the portion capsule to produce a beverage.



PCT

- (22) 23/04/2014
- (21) 0634/2014
- (44) **September 2017**
- (45) 13/03/2018
- (11) 28588

(51)	Int. Cl. 8 H01M 10/50
(71)	1. Nucleus Scientific, Inc. (UNITED STATES OF AMERICA)
(/1)	2.
	3.
(72)	1. KRISTOFEK, Grant, William
()	2. HEMOND, Brian, David
	3. HUNTER, Lan, W
(73)	1,
(75)	2.
(30)	1. (US) 61/552.739 - 28-10-2011
(30)	2. (US) 13/445.458 - 12-04-2012
	3. (PCT/US2012/062136) - 26-10-2012
(74)	NAHED WADE REZK
(12)	Patent

(54) A MULTI-CELL BATTERY ASSEMBLY Patent Period Started From 26/10/2012 and Will end on 25/10/2032

(57) A battery assembly including: a plurality of prismatic battery cells; first and second fluid manifolds; and a plurality of corrugated flow plates interleaved with the plurality of battery cells, each the flow plates extending from the first manifold to the second manifold and providing an array of flow channels for carrying fluid from the first manifold to the second manifold, wherein each plate of the plurality of corrugated flow plates is an extruded plastic structure comprising first and second fluid impermeable sheets and a plurality of parallel ribs between and connecting the first and second sheets, said plurality of ribs forming the array of flow channels.

(57)

space.



PCT

- (22) 27/02/2012
- (21) 0344/2012
- (44) November 2017
- (45) 13/03/2018
- (11) 28589

(51)	Int. Cl. 8 E21B 43/04, 43/08
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	1. O'BRIEN, Robert S 2. 3.
(73)	1. 2.
(30)	1. (US) 12/554,237 - 04-09-2009 2. (PCT/US2010/046634)- 25-08-2010 3. (PCT/US2010/047222) - 31-08-2010
(74)	NAHED WADE REZK
(12)	Patent

(54) FLOW RATE DEPENDENT FLOW CONTROL DEVICE Patent Period Started From 31/08/2010 and Will end on 30/08/2030

An apparatus for performing a wellbore operation, such as a gravel packing, includes a tool body, a flow passage formed in the tool body, the flow passage connecting a first space with a second space; and a flow control device positioned along the flow space. The flow control device may include a valve element configured to allow uni-directional; and a flow control element configured to allow flow in bi-directional flow. The valve element and the flow control element may be arranged to form a split flow path between the first space and the second



PCT

- (22) 04/12/2014
- (21) 1953/2014
- (44) November 2017
- (45) 13/03/2018
- (11) 28590

(51)	Int. Cl. 8 F16K 1/18, 1/46	
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2. 3.	
(72)	 DYER, Robert, J MYERLEY, Thomas, S MILLER, Wade, A 	4. PRESLEY, Matthew, P 5. HAIR, Michael, L
(73)	1. 2.	
(30)	1. (US) 13/490,073 – 06-06-2012 2. (PCT/US2013/044205) - 05-06-2013 3.	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) CURVED FLAPPER SEAL WITH STEPPED INTERMEDIATE SURFACE

Patent Period Started From 05/06/2013 and Will end on 04/06/2033

(57) A recess is provided at the periphery of the flapper so that a corner that defines this recess engages an o-ring seal in a seat for the flapper. A reduced contact area of the flapper on the o-ring seal results in increased pressure over the actual contact area. The pressure applied over the contact area also forces a distortion in the o-ring that has a part of the o-ring not restrained due to the presence of the recess moving out of the surrounding o- ring groove so that the corner on the flapper pinches the o-ring that now is partly in and partly extending from its surrounding groove. Sealing is obtained at lower differential pressures and the o-ring is better fixated as a result of the pinch effect of the corner on the flapper.



PCT

- (22) 25/12/2014
- (21) 2078/2014
- (44) November 2017
- (45) 13/03/2018
- (11) 28591

(51)	Int. Cl. 8 B65D 85/804
(=1)	1 V for Creation Combit (CEDMANN)
(71)	1. K-fee System GmbH (GERMANY)
	2.
	3.
(72)	1. KRUGER, Marc
	2. EMPL, Günter
	3.
(73)	1.
(-)	2.
(30)	1. (DE) 10 2012 105 790.7 - 29-06-2012
(30)	2. (DE) 10 2013 211 568.7 - 19-06-2013
	3. (PCT/EP2013/063800)- 01-07-2013
(74)	NAHED WADE REZK
(12)	Patent

(54) PORTION CAPSULE HAVING AN IDENTIFICATION ON THE INNER PERIPHERY THEREOF

Patent Period Started From 01/07/2013 and Will end on 30/06/2033

(57) The invention relates to a portion capsule for producing a beverage, comprising a base element which comprises a cavity in which a beverage raw material is provided and which is sealed by a membrane which is secured to the base element. Said base element is provided with an identification which allows the respective portion capsule to be individualized. The invention further relates to a method for producing a portion capsule and to the use of the portion capsule for producing a beverage.



PCT

- (22) 06/08/2013
- (21) 1279/2013
- (44) **September 2017**
- (45) 14/03/2018
- (11) 28592

(51)	Int. Cl. 8 A01N 25/26, 59/26 & A01P 7/04	
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.	
(72)	1. WUJEK, Dennis 2. BOUCHER, Raymond E 3. LOGAN, Martin C	4. WILSON, Stephen L 5. LI, Mei 6. AULISA, Lorenzo
(73)	1. 2.	
(30)	1. (US) 61/442,003 - 11-02-2011 2. (PCT/US2012/024597) - 10-02-2012 3.	
(74)	ABD ELHADI OFFICE	
(12)	Patent	

(54) IMPROVED INSECTICIDE FORMULATIONS Patent Period Started From 10/02/2012 and Will end on 09/02/2032

(57) Insecticide formulations having improved chemical and physical stability and related methods are disclosed. The insecticide formulations may include a plurality of microcapsules, each including at least one organophosphate insecticide (e.g., chlorpyrifos methyl) at least partially surrounded by a polymer shell. The insecticide formulations may be used to control insect populations by singular or periodic applications. The microcapsule polymer shell of the insecticide formulations may be formed by combining a cross linking amine and a hydrophobic monomer (e.g., an isocyanate) at a molar ratio of amine to isocyanate groups of less than about 1:1.



PCT

- (22) 30/09/2012
- (21) 1679/2012
- (44) | September 2017
- (45) 14/03/2018
- (11) 28593

(51)	Int. Cl. 8 C10G 70/04 & F25J 3/02 & C07C 7/00, 11/04 & C01B 3/50
(-)	
(71)	1. TECHNIP FRANCE (FERCE)
` ´	2.
	3.
(72)	1. LAUGIER, Jean-Paul
()	2. SIMON, Yvon
	3.
(=0)	
(73)	1.
	2.
(30)	1. (FR) 10 52271 - 29-03-2010
(00)	2. (PCT/FR2011/050671) - 28-03-2011
	3.
(74)	ABD ELHADI OFFICE
(12)	Patent

PROCESS FOR TREATING A STREAM OF CRACKED GAS COMING FROM A HYDROCARBON PYROLYSIS PLANT, AND ASSOCIATED PLANT

Patent Period Started From 28/03/2011 and Will end on 27/03/2031

(57) Process for treating a stream of cracked gas coming from a hydrocarbon pyrolysis plant, and associated plant. This process comprises the separation of an upstream partially condensed cracked gas stream in an intermediate separator \so as to recover an intermediate liquid and an intermediate cracked gas stream and the injection of the intermediate liquid into an intermediate demethanization column. The process includes sampling a portion of the intermediate liquid and expanding at least a first fraction obtained from the sampled portion. The process comprises bringing the expanded first fraction into heat exchange relationship with the overhead intermediate stream from the column in order for the overhead intermediate stream to be at least partially condensed. The process includes the separation of the partially condensed overhead intermediate stream in a reflux first separator so as to form a liquid stream fed into the intermediate column and a gaseous fuel stream.



PCT

(22) 23/09/2012

(21) 1619/2012

(44) **September 2017**

(45) 14/03/2018

(11) 28594

	,	
(51)	Int. Cl. 8 C08K 3/04 & H01B 1/24 & C08J 5/	000
(71)	1. BOREALIS AG (AUSTRIA) 2. 3.	
(72)	l · '	 LIU, Yi UEMATSU, Takashi GKOURMPIS, Thomas
(73)	1. 2.	
(30)	1. (EP) 10003716.7 - 06-04-2010 2. (PCT/EP2011/001686) - 05-04-2011 3.	
(74)	ABD ELHADI OFFICE	
(12)	Patent	

(54) SEMICONDUCTIVE POLYOLEFIN COMPOSITION COMPRISING CONDUCTIVE FILLER Patent Period Started From 05/04/2011 and Will end on 04/04/2031

(57) The present invention relates to a semiconductive polyolefin composition comprising graphene nanoplatelets. It also relates to a semiconductive polyolefin composition comprising the combination of graphene nanoplatelets and carbon black. Moreover, the present invention is related to a process for producing the semiconductive polyolefin composition as well as to the use of the semiconductive polyolefin composition in a power cable. Further, the invention is also related to an article, preferably a power cable comprising at least one semiconductive layer comprising said polyolefin composition.



PCT

- (22) 21/11/2013
- (21) 1794/2013
- (44) **September 2017**
- (45) 24/03/2018
- (11) 28595

(51)	Int. Cl. 8 A01N 47/40,25/22,51/00 & A61K 9/16,9/14
(71)	 DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 3.
(72)	 HAILE, Fikru PAROONAGIAN, Doris THOMAS, James D QIN, Kuide
(73)	1. 2.
(30)	1. (US) 61/494,178 - 07-06-2011 2. (PCT/US2012/040905) - 05-06-2012 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) OIL DISPERSION OF SULFOXIMINES FOR THE CONTROL OF INSECTS

Patent Period Started From 05/06/2012 and Will end on 04/06/2032

(57) An insecticidal formulation comprises an oil dispersion of sulfoximine. The oil dispersion comprises at least one of hydrophobically modified fumed silica and polyamide wax; a water-immiscible solvent; and a sulfoximine insecticide dispersed within the water-immiscible solvent as particles. A method of controlling an infestation of insects uses such oil dispersion.



PCT

- (22) 16/12/2012
- (21) 2065/2012
- (44) October 2017
- (45) 18/03/2018
- (11) 28596

(51)	Int. Cl. 8 E21B 43/01, 43/36
(71)	1. ENI S.P.A. (ITALY)
	2. 3.
(72)	 DE GHETTO, Giambattista ANDREUSSI, Paolo
	3.
(73)	1. 2.
(30)	1. (IT) MI2010A 001101 - 17-06-2010 2. (PCT/IB2011/001326) - 10-06-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

EQUIPMENT FOR THE CONVEYING AND RECOVERY OF HYDROCARBONS FROM AN UNDERWATER WELL FOR THE EXTRACTION OF HYDROCARBONS, UNDER UNCONTROLLED RELEASE CONDITIONS

Patent Period Started From 10/06/2011 and Will end on 09/06/2031

(57) The present invention relates to equipment for the conveying and recovery of hydrocarbons from an underwater well for the extraction of hydrocarbons under uncontrolled release conditions, comprising a chamber for the separation of the hydrocarbon stream leaving the well, into a heavy phase and a light phase, means being envisaged, in connection with the separation chamber, for conveying the heavy phase) and light phase towards the surface, characterized in that it comprises a directioning body of the hydrocarbon stream, having a substantially cylindrical shape, or as a truncated paraboloid with both ends open, wherein a first end is an inlet of the hydrocarbon stream leaving the well, and a second end, distal with respect to the inlet of the hydrocarbon stream, is in fluid connection with the separation chamber with the interpositioning of a perforated spherical cap.



PCT

- (22) 27/08/2014
- (21) 1355/2014
- (44) November 2017
- (45) 19/03/2018
- (11) 28597

(51)	Int. Cl. 8 A01N 43/80 43/40, 43/50,43/54, 43/56, 43/653, 37/34, 37/38,37/46, 37/50, 45/02, 47/12,
, ,	47/14, 47/24, 57/12, 59/02, 59/20 & A10P 3/00, 21/00,
(71)	1. BAYER INTELLECTUAL PROPERTY GMBH (GERMANY)
, ,	2.
	3.
(72)	1. WACHENDORFF-NEUMANN, Ulrike
()	2. HOFFMANN, Sebastian
	3. WASNAIRE, Pierre
(73)	1.
	2.
(30)	1. (EP) 12157090.7 - 27-02-2012
(/	2. (PCT/EP2013/053578) - 22-02-2013
	3.
(74)	SMAS Intellectual Property
(12)	Patent

(54) ACTIVE COMPOUND COMBINATIONS CONTAINING A THIAZOYLISOXAZOLINE AND A FUNGICIDE

Patent Period Started From 22/02/2013 and Will end on 21/02/2033

(57) The present invention relates to active compound combinations, in particular within a fungicide composition, which comprises (A) a thiazolylisoxazoline of formula (I) and a further fungicidally active compound (B). Moreover, the invention relates to a method for curatively or preventively controlling the phytopathogenic fungi of plants or crops, to the use of a combination according to the invention for the treatment of seed, to a method for protecting a seed and not at least to the treated seed.



PCT

- (22) 05/05/2013
- (21) 0763/2013
- (44) **September 2017**
- (45) 20/03/2018
- (11) 28598

(51)	Int. Cl. 8 G06Q 40/00
(71)	1. MASTERCARD INTERNATIONAL, INC. (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. HAGMEIER, Shawn
(, -)	2. CINTRON, Miguel
	3. ESPINOZA, Cesar
	4. WEISMAN, Mark
(73)	1.
(1-7)	2.
(30)	1. (US) 12/940,671 - 05-11-2010
(0 0)	2. (PCT/US2011/050360) - 02-09-2011
	3.
(74)	MAHMOUD RAGAEY ELDEKY
(12)	Patent

(54) REMITTANCE SYSTEM WITH IMPROVED SERVICE FOR UNBANKED INDIVIDUALS Patent Period Started From 02/09/2011 and Will end on 01/09/2031

(57) A service provider computer receives a request for a transfer of funds from a sender to a recipient. The service provider computer makes a data record about the transaction available to a receiving financial institution. The receiving financial institution receives a visit from the recipient, issues a new payment card account to the recipient, and communicates the account number for the new account to the service provider computer. The service provider computer initiates a payment transaction in a payment card system to route the requested funds transfer from a payment card account belonging to the sender to the newly issued payment card account for the recipient.



PCT

- (22) |03/03/2014
- (21) 0324/2014
- (44) October 2017
- (45) 20/03/2018
- (11) 28599

(51)	Int. Cl. ⁸ C01B 21/28 & B01J 8/00
(71)	 ThyssenKrupp Uhde GmbH. (GERMANY) 3.
(72)	 FUCHS, JUrgen 3.
(73)	1. 2.
(30)	1. (DE) 10 2011 112 781.3 - 09-09-2011 2. (PCT/EP2012/003764) - 07-09-2012 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) APPARATUS FOR MINIMIZING BYPASS IN AMMONIA OXIDATION BURNERS Patent Period Started From 07/09/2012 and Will end on 06/09/2032

(57) The invention relates to a sealing system of a burner basket in an ammonia oxidation burner, wherein the burner basket has a wall that is anchored in the ammonia oxidation burner and the burner basket has a gas-permeable bottom plate, which is placed on further internal fittings of the ammonia oxidation burner and has a peripheral rim for receiving further means, wherein the wall and the gas-permeable bottom plate are not mechanically connected to each other, and so there is a gap between the wall and the peripheral rim of the bottom plate, wherein at the peripheral rim of the bottom plate a rim seal that is made up of individual segments is mounted movably by way of guiding pins and the rim seal projects over the gap between the peripheral rim of the bottom plate to the wall and lies against the wall.



PCT

- (22) 11/03/2015
- (21) 0373/2015
- (44) **September 2017**
- (45) 20/03/2018
- **(11)** | **28600**

(51)	Int. Cl. 8 E21B 17/043, 34/14
(71)	 Baker Hughes Incorporated (UNITED STATES OF AMERICA) 3.
(72)	1. DOANE, James, C 2. 3.
(73)	1. 2.
(30)	1. (US) 13/618.406 - 14-09-2012 2. (PCT/US2013/058767) - 09-09-2013 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) MULTI-PISTON HYDROSTATIC SETTING TOOL WITH LOCKING FEATURE AND PRESSURE BALANCED PISTONS Patent Period Started From 09/09/2013 and Will end on 08/09/2033

(57)

A hydraulically actuated setting tool has a plurality of pistons that move in tandem when unlocked. The pistons are initially in pressure balance to take a load off a single locking mechanism that retains all the pistons. The pistons move due to admission of hydrostatic and/or applied pressure from the annulus on one side of each piston with an opposite side exposed to atmospheric pressure. The locking member is exposed to the annulus and is located away from any atmospheric chambers associated with the pistons. In this manner the components can be made thicker to resist burst and collapse pressure and the loads on the locking member reduced due to initial piston pressure balance configuration. Depths of greater than 8,000 meters can be used due to one or more of the described design features.



PCT

- (22) 16/07/2014
- (21) 1183/2014
- (44) **September 2017**
- (45) 20/03/2018
- (11) 28601

(51)	Int. Cl. 8 A01N 43/78	
(71)	1. DOW AGROSCIENCES LLC (UNIT 2. 3.	TED STATES OF AMERICA)
(72)	1. BAUM, Erich W	4. SPARKS, Thomas C
	2. CROUSE, Gary D	5. CREEMER, Lawrence C
	3. DENT, William Hunter	
(73)	1. 2.	
(30)	1. (US) 61/594,054 - 02-02-2012	
` '	2. (PCT/US2013/022659) - 23-01-2013	
	3.	
(74)	ABD ELHADI OFFICE	
(12)	Patent	

(54) PESTICIDAL COMPOSITIONS AND PROCESSES RELATED THERETO

Patent Period Started From 23/01/2013 and Will end on 22/01/2033

(57) This document discloses molecules having the following formulas ("Formula One" &"Formula Two" and "Formula Three") The Ar1, Het, Ar2, R1, R2, R3, R4, and R5 are further described herein.

$$Ar_1 \xrightarrow{\text{Het}} Ar_2 \xrightarrow{\text{R1}} N2 \xrightarrow{\text{N2}} S$$

$$R^2$$

$$R^3$$



PCT

- (22) 16/07/2014
- (21) 1182/2014
- (44) **September 2017**
- (45) 20/03/2018
- (11) 28602

(51)	Int. Cl. 8 A01N 43/78
(71)	 DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 3.
(72)	 FISCHER, Lindsey, G CROUSE, Gary D SPARKS, Thomas C BAUM, Erich W
(73)	1. 2.
(30)	1. (US) 107·594/61 - 02-02-2012 2. (PCT/US2013/022660) - 23-01-2013 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) PESTICIDAL COMPOSITIONS AND PROCESSES RELATED THERETO

Patent Period Started From 23/01/2013 and Will end on 22/01/2033

(57) This document discloses molecules having the following formulas (1); (2) and (3). The Ar1, Het, Ar2, R1, R2, R3, R4, and R5 are further described herein.

$$Ar_1 \xrightarrow{\text{Het}} Ar_2 \xrightarrow{\text{N1}} N2 \xrightarrow{\text{N2}} S$$

$$Ar_1 \xrightarrow{\text{Het}} Ar_2 \xrightarrow{\text{N1}} N2 \xrightarrow{\text{R5}} S$$



PCT

- (22) 31/05/2012
- (21) | 0980/2012
- (44) November 2017
- (45) 20/03/2018
- (11) 28603

(51)	Int. Cl. 8 B01D 24/10, 53/02
(71)	1. RED LEAF RESOURCES, INC (UNITED STATES OF AMERICA) 2. 3.
(72)	1. PATTEN, James, W 2. 3.
(73)	1. 2.
(30)	1. (US) 61/266,423 - 03-12-2009 2. (PCT/US2010/058948) - 03-12-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHODS AND SYSTEMS FOR REMOVING FINES FROM HYDROCARBON-CONTAINING FLUIDS

Patent Period Started From 03/12/2010 and Will end on 02/12/2030

- (57) A method of removing fines from a hydrocarbon-containing fluid, comprising: (a) preparing a bed media of particulate hydrocarbonaceous material!
 - (b) passing the hydrocarbon-containing fluid having fines fines therein through the bed media and
 - (c) recovering the filtered hydrocarbon-containing fluid from the bed media: characterized in that the hydrocarbon-containing fluid is at a flow rate such that a portion of the fines are retained in the bed mediato from a filtered hydrocarbon-containing fluid. Said flow rate being sufficient to maintain a wetting film comprising a liquid of the hydrocarbon-containing fluid across at least a majority portion of the particulate hydrocarbonaceous material which is contacted by the hydrocarbon-containing fluid. Wherin the bed media is substantially stationary during the passing the hydrocarbon-containing fluid through the bed media.



PCT

- (22) 24/07/2013
- (21) 1212/2013
- (44) **September 2017**
- (45) 21/03/2018
- (11) 28604

(51)	Int. Cl. 8 A01N 43/40 C07D 213/04	
(71)	1. DOW AGROSCIENCES LLC (UNI 2. 3.	TED STATES OF AMERICA)
(72)	1. ZHU, Yuanming 2. WHITEKER, Gregory, T 3. RENGA, James, M 4. ARNDT, Kim, E	5. ROTH, Gary, Alan6. PODHOREZ, David, E7. WEST, Scott, P
(73)	1. 2.	
(30)	1. (US) 61/435,936 - 25-01-2011 2. (PCT/US2012/022289) - 24-01-2012 3.	
(74)	ABD ELHADI OFFICE	
(12)	Patent	

(54) PROCESS FOR THE PREPARATION OF 4-AMINO-5-FLUORO-3-HALO-6-(SUBSTITUTED)PICOLINATES

Patent Period Started From 24/01/2012 and Will end on 23/01/2032

(57) 4-Amino-5-fluoro-3-halo-6-(substituted)picolinates are conveniently prepared from 4,5,6-trichloropicolinonitrile by a series of steps involving fluorine exchange, amination, halogen exchange, halogenation, nitrile hydrolysis, esterification, and transition metal assisted coupling.



PCT

- (22) 22/08/2013
- (21) | 1340/2013
- (44) **September 2017**
- (45) 20/03/2018
- (11) 28605

(51)	Int. Cl. 8 A01H 5/00, 5/10,5/02, 5/04, 5/06, 5/12, 1/01, 34/14, 57/20, & C12N 15/29, 1/68, & C12Q 1/68 & G01N 21/76 & A01G 1/00, A01C 7/00
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	 BRAXTON Leonb WRIGHT TERY Beterson mark MCMASTER STEVEN
(73)	1. 2.
(30)	1. (US) 032142 / 13 - 22-02-2011 2. (PCT/US2012/025945)- 21-02-2012 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) METHODS OF WEED CONTROL INVOLVING AAD-1 PLANTS, AND PRE-PLANT AND/OR PRE-EMERGENCE HERBICIDE APPLICATIONS

Patent Period Started From 21/02/2012 and Will end on 20/02/2032

(57) The subject invention includes pre-plant and/or pre-emergence applications of a herbicide to an area or field that is planted with seed comprising an AAD-1 event. In some preferred embodiments, the seed comprises corn event DAS-40278-9. In some preferred embodiments, the herbicide can be a formulation comprising a 2,4-D active ingredient. Such herbicides and formulations can also be used in pre-plant applications. Additional herbicides, such as glyphosate, can be used in combination, including in the pre-plant applications.



PCT

- (22) 10/03/2015
- (21) | 0363/2015
- (44) | September 2017
- (45) 21/03/2018
- (11) 28606

(51)	Int. Cl. 8 E21B 17/03, 34/14
(71)	1. Baker Hughes Incorporated (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. DOANE, James, C
, ,	2.
	3.
(73)	1.
. ,	2.
(30)	1. (US) 13/618.676 - 14-09-2012
	2. (PCT/US2013/058761) - 09-09-2013
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) MULTI-PISTON HYDROSTATIC SETTING TOOL WITH LOCKING FEATURE OUTSIDE ACTUATION CHAMBERS FOR MULTIPLE PISTONS

Patent Period Started From 09/09/2013 and Will end on 08/09/2033

(57) A hydraulically actuated setting tool has a plurality of pistons that move in tandem when unlocked. The pistons are initially in pressure balance to take a load off a single locking mechanism that retains all the pistons. The pistons move due to admission of hydrostatic and/or applied pressure from the annulus on one side of each piston with an opposite side exposed to atmospheric pressure. The locking member is exposed to the annulus and is located away from any atmospheric chambers associated with the pistons. In this manner the components can be made thicker to resist burst and collapse pressure and the loads on the locking member reduced due to initial piston pressure balance configuration. Depths of greater than 10,000 meters can be used due to one or more of the described design features.



PCT

- (22) 27/04/2011
- (21) 0658/2011
- (44) November 2017
- (45) 21/03/2018
- (11) 28607

(51)	Int. Cl. ⁸ A47L 9/28, 9/00 & F04D 27/00 & H02P 5/00
()	
(71)	1. Toshiba lifestyle porducts services corporation (JAPAN)
	2. TOSHIBA CONSUMER ELECTRONICS HOLDINGS CORPORATION(JAPAN)
	3. TOSHIBA HOME APPLIANCES CORPORATION(JAPAN)
(=0)	` '
(72)	1. HIDAKA Toshinobu
	2. MURAKAMI Minoru
	3. HOSHINO Susumu
	4. HANZAWA Makio
(73)	1.
(13)	
	2. (T) 2000 201707 21 10 2000
(30)	1. (JP) 2008-281795 - 31-10-2008
	2. (PCT/JP2009/061078) - 18-06-2009
	3.
(7.4)	SAMAS COMPANY
(74)	SAMAS COM AN
(12)	Patent
(* - /	

(54) VACUUM CLEANER Patent Period Started From 18/06/2009 and Will end on 17/06/2029

(57) A vacuum cleaner is provided with a cleaner body which contains electric blowers, and a control means which independently controls driving of the electric blowers. The control means is provided with an intermediate mode and weak mode for operating the electric blowers excluding at least anyone thereof and a strong mode for operating all the electric blowers. When switching from the strong mode to the intermediate mode (weak mode), the control means operates the electric blowers which are not operated in the previous intermediate mode (weak mode). This equalizes accumulated operating periods of the respective electric blowers thereby further improving the service life.



PCT

- (22) 12/01/2012
- (21) 0066/2012
- (44) October 2017
- (45) 25/03/2018
- (11) 28608

(51)	Int. Cl. ⁸ F25D 11/00
(51)	
(71)	1. THE SURE CHILL COMPANY LIMITED (united Kingdome)
\ /	2.
	3.
(72)	1. TANSLEY, Ian
\ /	2.
	3.
(73)	1.
, ,	2.
(30)	1. (GB) 0912286.2 - 15-07-2009
(30)	2. (GB) 0916160.5 - 15-07-2009
	3. (PCT/GB2010/051129) - 09-07-2010
(74)	SAMAS COMPANY
(12)	Patent
(12)	- 111711

(54)	REFRIGERATION APPARATUS
	Patent Period Started From 09/07/2010 and Will end on 08/07/2030

(57) Refrigerators, with particular, but not exclusive, application to the storage and transport of vaccines are disclosed. A refrigerator has a payload container within which items can be placed for temperature-controlled storage. The payload container is submerged in a reservoir that contains water. The reservoir has a cooling region containing the payload container and a headspace containing water that is, in use, higher than the payload container. Cooling means, that might include a refrigeration unit having cooling elements or a cold thermal mass can cool waterwithin the headspace. Where there is a refrigeration unit, a power supply, typically solar powered, can act as a source of power for the refrigeration unit. Embodiments may include a freezer compartment close to the cooling elements. Alternatively, the cooling region may comprise a pipe manifold within the payload container.



PCT

- (22) 02/07/2014
- (21) 1110/2014
- (44) | September 2017
- (45) 25/03/2018
- (11) 28609

(51)	Int. Cl. 8 E21B 34/08, 43/12
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	1. MAZYAR, Oleg A 2. JOHNSON, Michael H 3.
(73)	1. 2.
(30)	1. (US) 13/371.788 - 13-02-2012 2. (PCT/US2013/021646)- 16-01-2013 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) SELECTIVELY CORRODIBLE DOWNHOLE ARTICLE AND METHOD OF USE

Patent Period Started From 16/01/2013 and Will end on 15/01/2033

(57) A selectively corrodible down hole article includes a movable cylindrical member comprising a first section and an axially separated second section, the first section comprising a first material having a first galvanic activity, the second section comprising a second material having a second galvanic activity, the first galvanic activity being greater than the second, the first section being electrically isolated from the second section; and a fixed member disposed on the cylindrical member and configured for electrical contact with the first or second section, the fixed member comprising an intermediate material having an intermediate galvanic activity, the intermediate galvanic activity being intermediate the first and second galvanic activity., the movable cylindrical member configured for movement from a first position where the first section is disposed and in electrical contact with the fixed member and a second position where the second section is disposed and in electrical contact with the fixed member.



PCT

- (22) 26/09/2012
- (21) 1660/2012
- (44) December 2017
- (45) 25/03/2018
- (11) 28610

(51)	Int. Cl. ⁸ F24H 1/12
()	
	A DD EL CHANEY ANWAD ADD EL CHANEY MOHAMED (ECVIDE)
(71)	1. ABD EL GHANEY ANWAR ABD EL GHANEY MOHAMED (EGYPT)
` ′	2.
	3.
(72)	1. ABD EL GHANEY ANWAR ABD EL GHANEY MOHAMED
` ′	2.
	3.
(73)	1.
	2.
(20)	1
(30)	1.
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(74)	
(/4)	
(12)	Patent
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(54)	SAFE ELECTRIC HEATER
	Patent Period Started From 26/09/2012 and Will end on 25/09/2032

(57) This invention relates to a safe electric heater used for heating water for domestic purposes. It consists of a thermal glass tank which increases the heater lifetime. It includes a hole for discharging extra pressure to prevent its explosion. The glass tank is coated with chromium to preserve heat therein as long as possible, and thus saving electric power. It is provided also with a copper coil used in the process of heating water and renders water coming out of the heater pure and healthy as it prevents forming deposits and rust. Therefore, the present device provides the following advantages: safe operation-long lifetime for the heater- saving power-preventing rust and deposits-healthy water-low costs.



PCT

- (22) 10/03/2014
- (21) 0360/2014
- (44) December 2017
- (45) 25/03/2018
- (11) | 28611

(51)	Int. Cl. 8 C10B 15/02 & F27D 1/04
(71)	1. ELSAYED MOHAMMAD ELSAYED ABD EL-RASSOUL (EGYPT) 2. 3.
(72)	1. ELSAYED MOHAMMAD ELSAYED ABD EL-RASSOUL 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	ALEX UNIVERCITY
(12)	Patent

(54) A METHOD FOR PRODUCTION OF CLAY BRICKS BY COKE OVEN GAS

Patent Period Started From 10/03/2014 and Will end on 09/03/2034

(57) Clay bricks industry is widely distributed all over Egypt. In el-tebbin area there are more than six hundred kilns and most of them use mazout, irrespective of the environment, besides there is Egypt clay brick company(MCBC) which uses the more expensive natural gas(NG) in eltebbin area there is also el- Nasr coke and chemicals company which produces coke for the iron and steel company and produces as well several by- products, one of them is coke oven gas(COG)which has relatively high calorific value (4200 k . Cal/m).this gas consists mainly hydrogen and methane and as a result of its combustion a great amount of heat is produced for burning the green bricks to produce clay bricks according to the Egyptian specifications .



PCT

- (22) 30/09/2013
- (21) 1519/2013
- (44) December 2017
- (45) 26/03/2018
- (11) 28612

(51)	Int. Cl. 8 E03B 1/04 & E03C 1/01
(71)	1. SALAH EL DINE MOHAMED ESMAIL AHMED (EGYPT) 2. 3.
(72)	1. SALAH EL DINE MOHAMED ESMAIL AHMED 2. 3.
(73)	1. 2.
(30)	1. 2.
(74)	
(12)	Patent

		_
(54)	A WASTE WATER RECYCLING AT HOME	
	Patent Period Started From 30/09/2013 and Will end on 29/09/2033	
(57)	Is a quick filtering process waste water and re-use in toilet cleaning through the expulsion fund.	



PCT

- (22) 02/10/2013
- (21) 1535/2013
- (44) December 2017
- (45) 26/03/2018
- (11) 28613

(51)	Int. Cl. 8 C02F 5/12, 158/12
(71)	1. SCIENCE AND TECHNOLOGY DEVELOPMENT FUND (EGYPT) 2. 3.
(72)	1. MONA HASSAN MOHAMED ABDEL REHIM 2. AYMAN TAHA ABD EL-AZIEM EL-GENDI 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	MARWA ALAA EL DIN MOHAMED ABDEL-MEGUID
(12)	Patent

(54) PREPARATION OF MEMBRANES FROM HYPERBRANCHED POLYESTER-AMIDE FOR WATER TREATMENT

Patent Period Started From 02/10/2013 and Will end on 01/10/2033

(57) The present invention regards the preparation of membranes from hyperbranched polyester-amide (PEA) for water treatment. The poly-ester-amide (PEA) membranes have been prepared via casting process using immersion precipitation technique. The polymer solutions were prepared by dissolving pea with polyethersulphone (PEA) polymers at different compositions in NMP as solvent. The homogeneous polymer solution was sprinkled and casted on a substrate and moved toward coagulation bath for immersion precipitation. Then, the prepared membranes were dried and characterized by SEM and membrane performance is also investigated. The permeability investigations showed that the prepared membranes are of UF type.



PCT

- (22) 30/12/2015
- (21) 2056/2015
- (44) December 2017
- (45) 26/03/2018
- (11) 28614

(51)	Int. Cl. 8 C01G 11/05, 47/16, 45/64, 35/095
(71)	1. HEBATALRAHMAN AHMED (EGYPT)
	2. 3.
(72)	1. HEBATALRAHMAN AHMED
	2. 3.
(73)	1,
(10)	2.
(30)	1. 2.
	3.
(74)	
(12)	Patent

(54) MANUFACTURING METHOD FOR ZEOLITE COMPOSITE Patent Period Started From 30/12/2015 and Will end on 29/12/2035

(57) The method involves the preparation of zeolite powder from ores, it crushed into small -sized granules. Copper alloys are added to the zeolite powder as granules in different sizes, The particles sizes ranging from the size of a millimeter to nanometer. Binder is added to the mixture, composite material is formed into molds. New Composite material is characterized by superior mechanical properties and easy deformation into different shapes beside machine ability.



PCT

- (22) 29/11/2015
- (21) 1876/2015
- (44) December 2017
- (45) 26/03/2018
- (11) | 28615

(51)	Int. Cl. 8 C02F 1/48
(71)	1. EGYPTIAN PETROLEUM RESEARCH INSTITUTE (EGYPT) 2.
	3.
(72)	1. TAMER AWAD EL-SAYED ALI
(, =)	2. YASSER MOHAMMED MAHMOUD MOUSTAFA
	3. HAGER RABEA MOHAMED
	HOWAIDA MAMDOUH ABD EL SALAM
(73)	1.
,	2.
(30)	1.
()	2.
	3.
(74)	KHALED ALI ABD ELZAHER
(12)	Patent

(54) A METHOD FOR DETERMINATION AND REMOVAL OF CALCIUM AND MAGNESIUM IONS FROM DIFFERENT WATER SAMPLES WITH METAL-ORGANIC FRAMEWORKS USING SCREEN-PRINTED ELECTRODES

Patent Period Started From 29/11/2015 and Will end on 28/11/2035

This patent deals with a method for determination and removal of calcium and magnesium ions from different water samples with metal-organic frameworks using screen-printed electrodes, using metalorganic frameworks containing the copper element mof-cu (cu3(btc)2) and modified mof-cu with glutathione in addition to preparation screen-printed electrode. The morphology and structure of the mofs adsorbents were characterized by xrd, ft-ir, nitrogen adsorption/desorption and sem methods. Study the adsorption activity of calcium and magnesium ions on prepared samples. Adsorption experiments were carried out at the various concentrations from (50 to 400 ppm) and the adsorption capacity of mofcu-gsh (4.6 mg/g (90.2%) and 6.2 mg/g (87.2%) is higher than cu3(btc)2 (9.2 mg/g (81.2%) and 11.3 mg/g (77.4%) for ca (ii) and mg (ii) ions respectively. From this study, it became clear that the sample prepared from metal organic frameworks containing metal copper modified with glutathione has high efficiency in adsorption of calcium and magnesium ions from the sample prepared from metal organic frameworks that contain copper element only. The method is based on fabrication of screen-printed electrodes modified with metal organic frameworks containing metal copper modified with glutathione ionophore. These potentiometric sensors respond to mg(ii) and ca(ii) ions in the wide linear concentration range of 1.0×10^{-2} - 1.0×10^{-7} and 1.0×10^{-2} - 1.3×10^{-7} mol 1-1 with nernstian slopes of 30.04±0.98 and 29.15±0.44 mv decade-1 of mg(ii) and ca(ll) ions and detection limit of 1×10-7 and 1.3x10-7 mol l-1 for mg-spe (electrode iv) and ca-spe (electrode x), respectively. The electrodes were ph independent within the range of 2.5-7.5 and 3.0-8.0, with a fast response time of about 7 and 10 s for electrode (iv) and electrode (x), respectively. The electrodes were successfully applied for the determination of ca+2 and mg+2 in pure solutions and different water samples. The results obtained were compared well with those obtained using inductively coupled plasma atomic emission spectrometry (icp-aes).

Arab Republic of Egypt

Ministry of State for Scientific Research Academy of Scientific Research & Technology

Egyptian Patent Office



(22) 24/03/2014

(21) 0455/2014

(44) December 2017

(45) 26/03/2018

(11) | 28616

(51)	Int. Cl. 8 C01B 33/46 & C08K3/36
(71)	1. EGYPTIAN PETROLEUM RESEARCH INSTITUTE (EGYPT) 2. 3.
(72)	 AHMED MOHAMED EL-SABAGH MAHMOUD IBRAHIM ABDOU ABD EL-RAHMAN MOHAMED FADL
(73)	4. HESHAM HASSAN ABUSEDA 1. 2.
(30)	1. 2. 3.
(74)	KHALID ABDUL ZAHIR
(12)	Patent

(54) METHOD FOR PREPARATION OF SYNTHETIC SILICA FROM WHITE SAND FOR SURFACE BLASTING PROCESS OF STEEL STRUCTURES

Patent Period Started From 24/03/2014 and Will end on 23/03/2034

from white sand for surface blasting process of steel structures. This could be achieved by the preparation of an innovated formulation of definite amount of white sand as a source of silicon dioxide after it's grinding process to 75-200 um particle size to be suitable for using with different amounts of natural and artificial oxides as potassium, sodium, magnesium, calcium, zinc and aluminum and titanium oxides. These oxides are mixed to each other's by using an electric mixer then fusing them by a kiln of temp around 1300-1550 °c. Then, tap water rapid cooling is made by making a thermal shock to fused fluid (composite) within controlling process by tape water until no reach above 35 °c by using special setup. Then, dry the final product at heat around 100-120 °c to remove any water and grind it to the suitable blasting size to be used in the blasting process.



PCT

- (22) 03/06/2014
- (21) 0886/2014
- (44) December 2017
- (45) 26/03/2018
- (11) 28617

(51)	Int. Cl. 8 C10M 169/04
(71)	1. EGYPTIAN PETROLEUM RESEARCH INSTITUTE (EGYPT) 2.
	3.
(72)	1. MAHMOUD REYAD NOOR EL-DIN MAHMOUD
	2.
	3.
(73)	1.
,	2.
(30)	1.
	2.
	3.
(74)	KHALID ABDUL ZAHIR
(12)	Patent

(54) PREPARATION OF ENVIRONMENTALLY FRIENDLY CUTTING OIL FORMULATION UTILIZING VEGTABLE OIL AND CORROSION INHIBITORS Patent Period Started From 03/06/2014 and Will end on 02/06/2034

(57) This invention relates to prepare an environmentally friendly cutting oil formulation using castor oil and corrosion inhibitor by mixing the prepared corrosion inhibitor with emulsifiers consists of (90% of sorbitan ethoxylated (20) and 10% of petroleum sulfonic acid sodium salt) and bactericide as diethanolamine. The corrosion inhibitor was prepared by amidation reaction between oleic acid with tetraethylene pentamine (start material). Then, the ethoxylated (oleic acid with tetraethylene pentamine) amide was prepared by introduce (1-7 ethylene oxide units) on the prepared star material to give the final corrosion inhibitor product. The said product used as one ingredients in the final formulated cutting oil.



PCT

- (22) 02/06/2014
- (21) 0885/2014
- (44) December 2017
- (45) 26/03/2018
- (11) | 28618

(51)	Int. Cl. 8 C01B 169/04
(71)	1. EGYPTIAN PETROLEUM RESEARCH INSTITUTE (EGYPT) 2. 3.
(72)	 AHMED MOHAMED AHMED EL-SABAGH ABD EL LATIEF MOHAMED MOHAMED MOHAMED ABD EL RAHMAN NOTAILA MOHAMED HUSSIEN NASSER EL-SAYED ABD EL RAHMAN EL-SA AMIRA EL-SAYED AL TABAY
(73)	1. 2.
(30)	1. 2. 3.
(74)	KHALID ABDUL ZAHIR
(12)	Patent

(54) PREPARATION OF ENVIRONMENTALLY FRIENDLY METALWORKING FLUIDS BASED ON LOCALLY MATERIALS Patent Period Started From 02/06/2014 and Will end on 01/06/2034

The invention focuses on the work of homogeneous blends cutting fluids used in metalworking. Cutting fluids depends on the stability of oil phase and the resulting emulsion stability. For the oil phase, the invention concentrates on developing many of the additions added to the oil phase. Non-ionic oil soluble surfactant was prepared which act as stabilizer to oil phase, anticorrosion and biocide and which added by (2-10% wt) to the oil. This compound prepared from local materials by reaction of 2 moles of oleic acid with diethylene triamine to obtain diamide. Also, water soluble non-ionic surfactants was prepared by reaction of 3 moles of oleic acid with sorbitol and then condensation with 30-60 units of ethylene oxide which added by (3-9% wt) to the oil. And also, water soluble anionic surfactants was prepared by neutralized the sulphonic acid with sodium hydroxide which added by (1.5-4.5% wt to the oil). Mixture from nonionic surfactants and anionic surfactants by (2:1) to each other added to paraffin oil as emulsifiers to make the produced emulsion stable when the oil phase is added to water. Standard tests were carried out to evaluate the stability of the oil phase, such as: oil stability of soluble oil formulations and thermal stability of soluble oil formulations. The results proved that, the oil phase stable for long periods of time up to more than two years. The formulated emulsion was prepared based on the oil phase by 10 and 15 % in water. Standard tests were carried out to evaluate the performance of oil-in-water emulsions as lubricating and cooling fluids machining operations. From final result, it was found that, the formed emulsion stayed stable for more than 30 days. Thus, the cutting fluid has good cooling properties. It was also, maintains the machine from corrosion and maintaining the form of cut metal, as well. In comparing the results obtained from the prepared cutting fluids and other sample from the domestic market, proved it's the prepared cu.



PCT

- (22) 25/02/2013
- (21) | 0306/2013
- (44) | December 2017
- (45) 26/03/2018
- (11) 28619

(51)	Int. Cl. 8 B60D 1/00 & G06F 7/00
(71)	1. AHMED ELSAYED ABDELALL ABDELFTAH ELDEEB (EGYPT)
	2.
	3.
(72)	1. AHMED ELSAYED ABDELALL ABDELFTAH ELDEEB
, ,	2.
	3.
(73)	1.
(10)	2.
(30)	1.
()	2.
	3.
(74)	
(12)	Patent

(54) SAFETY SYSTEM CONTROL FOR HEAVY VEHICLE'S TRAILER Patent Period Started From 25/02/2013 and Will end on 24/02/2033

(57) This Invention is an economical alignment control system for turntable trailer. It is simple and easy to fabricate and maintain. This invention eliminates the totter of trailer on the road. Trailer steering system become under full control by means of steering wheel, where steering angle is translated into limited freedom of trailer turntable motion. due to this system truck and trailer combination can move reversely in exact straight line or defined curved path more easily.

Arab Republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology
Egyptian Patent Office



(22) | 18/05/2014 (21) | 0789/2014

(44) **December 2017**

(45) 29/03/2018

(11) 28620

(51)	Int. Cl. 8 C09D 11/50
(71)	1. CHEMISTRY ADMINISTRATION (EGYPT)
(71)	2.
	3.
(72)	1. MOHAMAD HUSAIN AMIN SAMMOUR
	2. MOHAMED BEDAIR ABO ABDOU
	3. NASSER ABD AL-AZIZ MANSOUR
(73)	1.
	2.
(30)	1.
	2.
	3.
(74)	KARIMA ABDEL RAOUF ALI AWAD
(12)	Patent

(54)	ELECTIONS INK
	Patent Period Started From 18/05/2014 and Will end on 17/05/2034

(57) The currant invention is related to election phosphoric ink, consisting of (7) chemical substances (Ferric chloride, ferric oxide, sodium chloride, glycerol, acetic acid, Rhodamine B dye), and the used solvent is a mixture of (80% of high purity ethanol + 20% water, which is the ratio of water to alcohol is 4: 1) The election phosphoric ink is produced by mixing the previous components till complete solubility in water and alcohol giving the final product which is a mixture of: Ferric acetate dye producing from a reaction between ferric ions in the solution (from ferric chloride and ferric oxide) and acetate ions and it is reddish brown dye at temperature (20-35) in addition to Rhodamine B dye.



PCT

(22) 18/09/2014

(21) 1482/2014

(44) December 2017

(45) 26/03/2018

(11) 28621

(51)	Int. Cl. ⁸ A01K 1/00 & C02F 1/00
(71)	1. SABER AYAD ZAKY (EGYPT) 2. 3.
(72)	1. SABER AYAD ZAKY 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	WATER FITER FOR THE RIVER NILE
	Patent Period Started From 19/09/2014 and Will end on 18/09/2034

(57) Simple description of the invention water filter for the river Nile it aims at getting rid of wastes that cause reproducing germs and affect bodly cultivated lands it aims at healthy life it means pure water for drinking and farming it's a nus method we have nit heard of it before its only one system group of flitters are placed in a stream by rusking water filters pkevent and stop passing wastes three of these fliters are placed into the stream they are divided to 1/3 on the width of the stream they do not allow any drop of water to pass except through these filters although these advantages they do not affect movement of ships or fish.



PCT

- (22) 04/09/2014
- (21) 1405/2014
- (44) December 2017
- (45) 25/03/2018
- (11) 28622

(51)	Int. Cl. 8 E02F 3/88 & B62D 5/06
(71)	1. AHMED MOHAMED ELGANDY (EGYPT)
	2.
	3.
(72)	1. AHMED MOHAMED ELGANDY
	2.
	3.
(73)	1.
. ,	2.
(30)	1.
	2.
	3.
(74)	
(12)	Patent

(54) PRODUCING HEATING UNITS FOR THE HYDRAULIC WOOD PRESSES BY USING WOOD PALLET

Patent Period Started From 04/09/2014 and Will end on 03/09/2034

(57) The process of manufacturing furniture by some complex processes, including the manufacture of pressed wood and mdf panels. The hydraulic wood presses consists of two parts associated with some of their work. Part of the stamping or pressure. The other official of providing for the proper temperature to be pasted by glue timber. As the heat required to consume high electrical capacity and also high cost. Therefore, the use of this invention provides a lot of money and a lot of electrical power.



PCT

- (22) 16/07/2014
- (21) 1172/2014
- (44) December 2017
- (45) 26/03/2018
- (11) 28623

(51)	Int. Cl. 8 A01K 59/00, 59/04
(71)	1. AHMAD MOHAMMAD IBRAHEEM ZOHAIRY (EGYPT)
	2.
	3.
(72)	1. AHMAD MOHAMMAD IBRAHEEM ZOHAIRY
, ,	2.
	3.
(73)	1.
` /	2.
(30)	1.
	2.
	3.
(74)	FOCAL POINT MANSOURA UNIVERSITY
(12)	Utility model

(54) PROCESS FOR ENHANCING HONEY BEE QUEENS REARING BY USING SOME PLANTS OILS

Patent Period Started From 16/07/2014 and Will end on 15/07/2021

(57) The invention relates to a process to improve the breeding of honey bee queens by mixing some plants oils with beeswax while making waxen cups of queens, and hand painting with these oils when examining bee colonies helps to calm down bee workers and prevent aggression of bee workers.



PCT

- (22) 04/02/2015
- (21) 0197/2015
- (44) December 2017
- (45) 26/03/2018
- (11) 28624

(51)	Int. Cl. ⁸ F03D 9/20 & H02S 10/12 & F24J 2/38
(71)	1. ABD EL RAHMAN AHMED ABD EL WAHID EL SAYED (EGYPT) 2. 3.
(72)	1. ABD EL RAHMAN AHMED ABD EL WAHID EL SAYED 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	Potont
	2.

(54) A NOVEL SOLAR TRACKING MECHANISM WITHOUT ELECTRICITY Patent Period Started From 04/02/2015 and Will end on 03/02/2035

(57) The invention is a novel solar tracking mechanism without electricity. It doesn't need to electricity, electronic components, nor photo sensors - it can track the sun in cloudy sky. Its theory of operation depends on converting the wind energy to potential energy using windmill and pump during the nighttime, then, this potential energy is steadily consumed during the daytime to actuate a mechanical mechanism that has a cam and follower system as a core to finally rotate the solar concentrator to track the solar beam. In addition, this mechanism provides the circulation process of the heat transfer fluid using wind energy during the daytime, whereas both circulation of heat transfer fluid and potential energy processes are happened by the same windmill with automatic shift at the end of daytime.



PCT

- (22) 25/09/2014
- (21) 1529/2014
- (44) December 2017
- (45) 26/03/2018
- (11) 28625

(51)	Int. Cl. 8 E04G 21/02
(71)	1. AYMAN NADI RADI ABDULLAH (EGYPT) 2. 3.
(72)	1. AYMAN NADI RADI ABDULLAH 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Utility model

(54) SPRINKLING MACHINE Patent Period Started From 25/09/2014 and Will end on 24/09/2021

(57) This invention relates to a sprinkling machine used for applying plastering materials on walls, and pumping cement and sand into a plastering machine. The present machine has an electric engine connected to a huge rotating shaft fixed at both sides via two bearings. The rotating shaft is fixing two stirrers for mixing cement and sand. A centrifuge room has two drums for pushing cement and sand into a tube; said tube has holes therein and a sensor for closing the engine with a cement gate. The said tube has an electric wire for operating the engine. There is a gate for letting cement and sand in; said gate is managed through springs controlling switching the sensor on/off, in addition to a surface mounting.



PCT

- (22) 19/09/2015
- (21) 1544/2015
- (44) December 2017
- (45) 26/03/2018
- (11) 28626

(51)	Int. Cl. 8 C03C 3/064, 3/066 & C09K 11/59, 11/63, 11/64
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)
	2.
	3.
(72)	1. SALWA ABDELHAMEED MOHAMED ABDELHAMEED.
	2. MOHAMED ABDELFATTAH MOHAMED MARZOUK
	3. YOUSRY MOHAMED HAMDY
(73)	1.
(-)	2.
(30)	1.
()	2.
	3.
(74)	Focal point NATIONAL RESEARCH CENTER
(12)	Patent

(54) COMPOSITION OF GLASS CERAMIC PHOSPHOR EMITS FOUR LIGHTING COLORS FOR COATING THE ENERGY-SAVING BULBS

Patent Period Started From 16/09/2015 and Will end on 15/09/2035

(57) The present invention is related to a composition of phosphoric glass and its glass ceramic, which works as a liner the inner side of glass bulbs of fluorescent and saving energy lamps, to increase the efficiency of lamps and saving from electricity consumption. The phosphoric material has been prepared from raw materials available and a simple method .one of the main advantages of this product is that it can be applied not only for the purpose of lighting, but also in adverts panels and in the manufacture of modern plasma screens. In addition the produced phosphor powder has the ability to glow in the dark to at least an hour after electric power shutdown which benefits in case of emergency in homes and hospitals and so on. It can also emit four different light colors according to heat treatment.



PCT

- (22) 14/05/2015
- (21) 0752/2015
- (44) October 2017
- (45) 26/03/2018
- (11) 28627

(51)	Int. Cl. 8 A61F 7/02
(71)	1. BENEDETTI INTERNATIONAL LIMITED (UNITED KINGDOM)
	2.
	3.
(72)	1. BENEDETTI, Giovanni
	2.
	3.
(73)	1.
(-)	2.
(30)	1. (GB) 1220450.9 - 14-11-2012
(= 0)	2. (PCT/GB2013/053003) - 14-11-2013
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) VASODILATION ASSEMBLY Patent Period Started From 14/11/2013 and Will end on 13/11/2033

- (57) The invention relates to a vasodilation assembly for facilitating intravenous cannulation. The assembly comprises:
 - (i) a flexible plastics sleeve;
 - (ii) a heated air supply; and
 - (iii) a conduit for conveying heated air from the air supply into the flexible plastics sleeve. The sleeve comprises an air inlet opening for coupling to the conduit, and an opening for accepting an appendage of a patient. The flexible plastics sleeve is of a double-walled construction comprising transparent inner and outer sleeve layers.

Arab Republic of Egypt

Ministry of State for Scientific Research Academy of Scientific Research & Technology



GRANTED PATENTS' ABSTRACTS GAZETTE PATENTS ISSUED IN APRIL 2018"

Egyptian Patent Office

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(PATENT No. 28695)	(69)

(PATENT No. 28696)	(70)
(PATENT No. 28697)	(71)

Preface

We are on the verge of a new era which is founded on the basis of technological development and hence, we have to follow it in all fields of national development. Technology has become the basis for the increase in national income and production and hence, scientific research has become our real hope as a way for advancement and as a necessity for life.

Emerging from the responsibility of the Academy of Scientific Research and Technology towards strengthening the pillars of science and technology, I have the pleasure to introduce the Granted Patent's Abstracts of the Publication of Patents monthly, Which includes bibliographical data. This periodical is directed to all those interested in the vital field of Intellectual property which encompasses patents, innovations and creative works.

I hope that this publication meets its targeted objective, namely increasing the welfare, prosperity and advancement for our beloved country, Egypt.

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

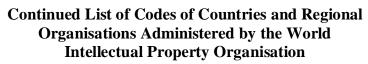
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Priority Date	30
Priority Country	
Issuance Date	45
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Applicant Name	71
Inventor Name	72
Patentee Name	73
Patent Attorney Name	74



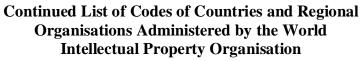
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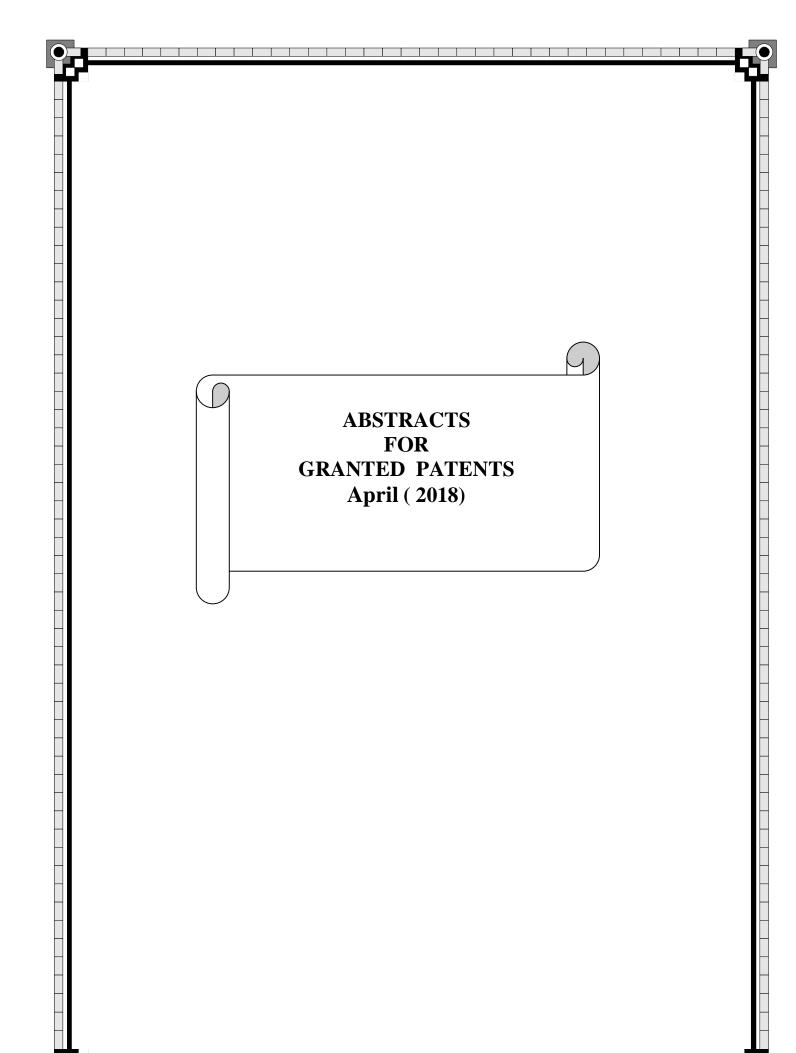
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UZ	Uzbekistan	
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VN	Viet Nam
YD	Yemen
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe





PCT

- (22) 14/11/2013
- (21) 1752/2013
- (44) November 2017
- (45) 01/04/2018
- (11) 28628

(51)	Int. Cl. 8 A23B 7/00, 7/02, 7/022		
(71)	 Waterdiam Sarl 3. 		
(72)	 GOBET, Jean ZAVANELLA, Ciro HERMANT, Nicolas 	4. COMNINELLIS, Christos 5. IPPOLITO, Antonio	
(73)	1. 2.		
(30)	1. (EP) 11166445.4 - 17-05-2011 2. (PCT/EP2012/059100) - 16-05-2012 3.		
(74)	KHALID MAGDI HAMADA		
(12)	Patent		

(54) METHOD FOR POST-HARVEST TREATING CITRUS FRUIT Patent Period Started From 16/05/2012 and Will end on 15/05/2032

- (57) The present invention relates to a method for post-harvest treating citrus fruit comprising a step of washing citrus fruit, said step of washing citrus fruit comprising:
 - a) a step of bringing water into contact with citrus fruit;
 - b) a step of electrolyzing said water which has been brought into contact with citrus fruit; and
 - c) a step of using said electrolyzed water as washing water of the citrus fruit.



PCT

- (22) 08/08/2010
- (21) | 1326/2010
- (44) **September 2017**
- (45) 01/04/2018
- (11) 28629

(51)	Int. Cl. ⁸ B01J 8/02, 8/06
(71)	1. HALDOR TOPSOE A/S (DENMARK) 2. 3.
(72)	 Max Thorhauge 3.
(73)	1. 2.
(30)	1. (DK) PA2008 00260- 25-02-2008 2. (DK) PA2008 002610- 25-02-2008 3. (PCT/EP2009/000972) - 12-02-2009
(74)	Mahmoud RGAEY ELDEKY
(12)	Patent

(54) REACTOR FOR THE PREPARATION OF METHANOL Patent Period Started From 12/02/2009 and Will end on 11/02/2029

(57) Improved design of a catalytic reactor for the production of methanol at equilibrium conditions whereby methanol as it is formed is separated from the gaseous phase into the liquid phase within the reactor, without reducing the catalytic activity of the methanol catalysts This is achieved by adjusting the boiling point of a liquid cooling agent being in indirect contact with the catalyst particles and by providing a specific ratio of catalyst bed volume to cooling surface area. Thereby, condensation of methanol as it is formed in the gaseous phase takes place at the cooling surface arranged evenly distributed within the reactor and within a very limited region of the catalyst bed.



PCT

- (22) 24/12/2014
- (21) 2069/2014
- (44) November 2017
- (45) 01/04/2018
- (11) 28630

(51)	Int. Cl. 8 E04G 21/32, 3/18, 3/00
(71)	1. FORM 700 PTY LTD (AUSTRALIA) 2. 3.
(72)	1. ROSATI, Wasyl 2. 3.
(73)	1. 2.
(30)	1. (AU) 2012902703 - 26-06-2012 2. (PCT/AU2013/000689) - 26-06-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) IMPROVED FRAME FOR CLIMBING SCREEN Patent Period Started From 26/06/2013 and Will end on 25/06/2033

(57) This invention relates to a safety screen for use on the side of a multistorey building during the construction thereof, and in particular to a means for supporting a safety screen with respect to the building. The safety screen assembly comprises a base for fixing with respect to a slab of a building, a frame means depending from the base so as to overhang an edge of the slab, and a safety screen depending from the frame means so as to be horizontally spaced apart from the edge of the slab, wherein the frame means is adapted to support a person in a position between the edge of the slab and the safety screen.



PCT

- (22) 02/03/2016
- (21) 0346/2016
- (44) November 2017
- (45) 01/04/2018
- (11) 28631

(=4)	T A CU S COAD 20/00		
(51)	Int. Cl. 8 C04B 28/06		
(71)	1. HEIDELBERGCEMENT AG (GERMA	NY)	
(, 1)	2.		
	3.		
(72)	1. BULLERJAHN, Frank	4. MIKANOVIC, Ingrid	
(12)	2. BEN HAHA, Mohsen	5. SPENCER, NICOLAS	
	3. SCHMITT, Dirk	,	
(72)	, , , , , , , , , , , , , , , , , , ,		
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	2.		
(30)	1. (US) 13004312.8 - 03-09-2013		
	2. (PCT/EP2014/002367) - 02-09-2014		
	3.		
(74)	SMAS		
(12)	Patent		

(54) BINDER COMPRISING CALCIUM SULFOALUMINATE CEMENT AND A MAGNESIUM COMPOUND Patent Period Started From 02/09/2014 and Will end on 01/09/2034

- (57) The present invention relates to method for the production calcium sulfoaluminate (belite, ferrite, ternesite) clinker using fluxes / mineralizers comprising the following steps:
 - providing a raw meal comprising t least sources of Cao, Al2O3
 - sintering the raw meal in a kiln at 1100 to 1350 C° to provide a clinker,
 - cooling the clinker,

Wherein at least one compound containing and a glass powder or a glass powders are added prior to sintering, the invention further related to the clinker obtained, as well as to calcium sulfoaluminate based cements and binders produced from the clinker.



PCT

- (22) 13/03/2014
- (21) 0396/2014
- (44) November 2017
- (45) |03/04/2018
- (11) 28632

(51)	Int. Cl. 8 A61F 13/49, 13/56 & A44B 18/00
(71)	 UNICHARM CORPORATION (JAPAN) 3M INNOVATIVE PROPERTIES COMPANY (UNITED STATES OF AMERICA) 3.
(72)	 ORITANI, Tadato SAKAGUCHI, Satoru .
(73)	1. 2.
(30)	1. (JP) 2011-203456 - 16-09-2011 2. (PCT/JP2012/073672)- 14-09-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FASTENING MEMBER AND FASTENING PIECE Patent Period Started From 14/09/2012 and Will end on 13/09/2032

(57) Provided are a fastening member and a fastening piece for which an unpleasant texture and an incongruous appearance are significantly reduced, and that bring about an integrated feeling with the main body of a disposable article for wearing. A fastening piece has a hook fastener and a base sheet. The hook height HI of hooks is 45-150 u.m, and the thickness T2 of a hook sheet is 45-75 um. The color difference AE between the hook fastener and the base sheet in a case where, in a L*a*b* color system, the color difference of L* is Δ L*, the color difference of a* is Δ a*, and the color difference of b* is Δ b*, is calculated using Δ L*, Δ a*, and Δ b*, and is found to be less than 5.5.



PCT

- (22) 21/05/2014
- (21) 0816/2014
- (44) November 2017
- (45) |03/04/2018
- (11) 28633

(51)	Int. Cl. 8 A61F 13/49, 13/53
(71)	1. UNICHARM CORPORATION (JAPAN) 2. 3.
(72)	 SAKAGUCHI, Satoru 3.
(73)	1. 2.
(30)	1. (JP) 2011-255254 - 22-11-2011 2. (PCT/JP2012/080183)- 21-11-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DISPOSABLE NAPPY Patent Period Started From 21/11/2012 and Will end on 20/11/2032

(57) A disposable nappy is equipped with: a first bending part which is formed on an absorbent body and which extends along the width direction (W) of the product; a second bending part which is formed on the absorbent body, which extends along the width direction (W) of the product, and which is positioned closer to a back-torso-surrounding part than the first bending part; and a crotch part formed between the first bending part and the second bending part. In its natural state, the disposable nappy has a crotch part which measures 30mm-150mm inclusive along the length direction (L) of the product



PCT

- (22) 21/05/2014
- (21) 0815/2014
- (44) November 2017
- (45) 03/04/2018
- (11) 28634

(51)	Int. Cl. 8 A61F 13/15, A61F 13/49	
(71)	1. UNICHARM CORPORATION (JAPAN)	
	2.	
	3.	
(72)	1. SAKAGUCHI, Satoru	
(/	2.	
	3.	
(73)	1.	
(-)	2.	
(30)	1. (JP) 2011-255249 - 22-11-2011	
(50)	2. (PCT/JP2012/080182) - 21-11-2012	
	3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) DISPOSABLE DIAPER Patent Period Started From 21/11/2012 and Will end on 20/11/2032

(57) This disposable diaper has a waistline retention portion extending along the width direction of the product and holding the disposable diaper on the wearer's body, and comprising a front waistline area, a rear waistline area and fastening tape. Further, this disposable diaper has a leg gather and a stretchable crotch portion which is formed in the crotch area and is capable of stretching in the longitudinal direction L of the product. The leg gather is longer than the stretchable crotch portion in the product length direction L and is disposed further outwards in the product width direction W than the stretchable crotch portion. A low-stretchability region which is less stretchable than the stretchable crotch portion is formed between the leg gather and the stretchable crotch portion.



(22) 29/09/2014

(21) | 1555/2014

(44) November 2017

(45) 03/04/2018

(11) 28635

(51)	Int. Cl. 8 A61F 13/15, 13/49
(71)	1. UNICHARM CORPORATION (JAPAN) 2. 3.
(72)	 SAKAGUCHI, Satoru SAWA, Kana YAMANAKA, Yasuhiro
(73)	1. 2.
(30)	1. (JP) 2012-083040 - 30-03-2012 2. (PCT/JP2013/059339) - 28-03-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	DISPOSABLE DIAPER
	Patent Period Started From 28/03/2013 and Will end on 27/03/2033

(57) This disposable diaper is provided with a sheet-shaped leg-encircling expanding/contracting section that extends in the product lengthwise direction (L) at a region to which a leg-encircling indentation is formed, and has a portion that can expand/contract along at least the product lengthwise direction (L). The ends in the product widthwise direction (W) of the leg-encircling expanding/contracting section have a meandering shape in the product lengthwise direction (L); the distance between a center line (CL) and the ends in the product widthwise direction (W) of the leg-encircling expanding/contracting section changes from a front waist-encircling section along towards a back waist-encircling section; and there are a plurality provided each of inflection points at which the amount of change in distance shifts from increasing to decreasing, and inflection points at which the amount of change in distance shifts from decreasing to increasing.



PCT

- (22) 14/12/2014
- (21) 2014/2014
- (44) November 2017
- (45) 03/04/2018
- (11) 28636

(51)	Int. Cl. 8 A01N 35/04, 37/34, 37/36, 37/38, 37/46, 37/50, 43/30, 43/36, 43/40, 43/50, 43/54, 43/56, 43/653, 43/84, 43/88, 47/02, 47/12, 47/18		
(71)	1. STICHTING I-F PRODUCT COLLABORATION (NETHERLAND) 2. 3.		
(72)	 PELLACINI, Franco VAZZOLA, Matteo Santino GUSMEROLI, Marilena 	4. SINANI, Entela5. RISERVATO, Manuela	
(73)	1. 2.		
(30)	1. (IT) MI2012A 001045 - 15-06-2012 2. (PCT/EP2013/062306) - 13-06-2013 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

(54) SYNERGISTIC COMPOSITIONS FOR THE PROTECTION OF AGRARIAN CROPS

Patent Period Started From 13/06/2013 and Will end on 12/06/2033

(57) Synergistic compositions comprising: one component (A), consisting of the compound having formula (I) 3-difluoromethyl-N- (7-fluoro-1, 1, 3-trimethyl-4-indanyl) -1 -methyl-4-pyrazolecarboxamide (I), one or more components (B) having fungicidal insecticidal activity, and their use the control of harmful insects in agrarian crops.



PCT

- (22) 01/10/2014
- (21) 1574/2014
- (44) August 2017
- (45) |04/04/2018
- (11) 28637

(51)	Int. Cl. 8 F28F 13/00 & B01J 19/00
(71)	1. JOHNSON MATTHEY PUBLIC LIMITED COMPANY (UNITED KINGDOME) 2.
	3.
(72)	1. WHITTENBERGER, Joseph, W
	2. WHITTENBERGER, William, A
	3. DAVIS, Brain, L
(73)	1.
(10)	2.
(30)	1. (US) 61/619,007 - 02-04-2012
(50)	2. (PCT/US2013/034570) - 29-03-2013
	3.
(74)	Amr Mofed Eldeeb
(12)	Patent

(54) WIRE STANDOFFS FOR STACKABLE STRUCTURAL REACTORS Patent Period Started From 29/03/2013 and Will end on 28/03/2033

(57) A wire standoff suitable for use in a tubular reactor, such as a reformer, is described. The wire standoff includes a portion or segment positioned between an outer reactor tube and one or more reactor components located within the tube. The reactor components and the outer tube are prevented from coming into directed contact with one another by the positioning of the wire standoff. The wire standoff can be secured to a reactor component at one of its ends or to a washer located between stacked reactor components. Prevention of the reactor components from contact with the outer tube promotes fluid flow through the reactor and can enhance heat transfer and reactor efficiency for carrying out catalytic reactions.



PCT

- (22) 11/01/2015
- (21) 0044/2015
- (44) November 2017
- (45) |08/04/2018
- (11) 28638

(51)	Int. Cl. ⁸ E21B 17/10
(71)	1. ACE OIL TOOLS AS (NORWAY) 2.
(72)	3. 1. STEINE, Ken Erik 2.
	3.
(73)	1. 2.
(30)	1. (NO) 20120803 - 12-07-2012 2. (NO) 20121235 - 22-10-2012 3. (NO) 20130208 - 07-02-2013 4. (PCT/NO2013/000031) - 10-07-2013
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DEVICE ARRANGED FOR ATTACHING A MANDREL ON A TUBULAR BODY

Patent Period Started From 10/07/2013 and Will end on 09/07/2033

(57) Attachment device for an element made to be arranged on a downhole tubular body\, in which an end portion of a sleeve (la) which is arranged to surround a portion of the tubular body is provided with an attachment portion which includes at least one clamping element arranged for radial displacement by the abutment of an abutment surface against a conical abutment portion of a surrounding adapter sleeve.



PCT

- (22) 06/11/2012
- (21) 1062/2012
- (44) November 2017
- (45) 10/04/2018
- (11) 28639

(51)	Int. Cl. 8 C09K 8/57, 17/06, 8/504 & E02D 3/12 & E21B 43/02, 33/138
(71)	1. TEMASI AS (NORWAY) 2.
	3.
(72)	1. OSTVOLD, Terje
	2. 3.
(73)	1. 2.
(30)	1. (NO) 20093567 - 21-12-2009
	2. (PCT/NO2010/000479) - 20-12-2010 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) METHOD FOR WATER TIGHTENING OF WATER BEARING ZONES AND STABILIZATION OF SAND IN UNDERGROUND CONSTRUCTIONS

Patent Period Started From 20/12/2010 and Will end on 19/12/2030

(57) Method for water tightening of water bearing zones and stabilization of sand in underground constructions, by precipitation of at least one mineral, by introducing into the construction, at the least one aqueous solution of salts comprising Ca2+ ions and urea, and an urease. The urease may be plant based, and made by grounding the plant wherefrom the urease is based, adding water, and soaking at occasional stirring between 2 and 20 h at room temperature. Then the achieved solution is filtrated, and the filtrate is lyophilized. The urease may also be biotechnologically produced by bacteria in an aqueous solution, where after the achieved solution is filtrated, and the filtrate is lyophilized.



PCT

- (22) 12/02/2014
- (21) 0198/2014
- (44) October 2017
- (45) 15/04/2018
- (11) 28640

(51)	Int. Cl. 8 A01N 43/54 & A61K 31/505		
(71)	1. ADAMAMAKHTESHIM LTD (ISRAEL) 2. 3.		
(72)	 BOEBEL, Timothy, A LORSBACH, Beth OWEN, W., John SULLENBERGER, Michael, T 	WEBSTER, Jeffery, D YAO, Chenglin GALLIFORD, Chris, V	
(73)	1. 2.		
(30)	1. (US) 61/524,506 - 17-08-2011 2. (PCT/US2012/050930)- 15-08-2012 3.		
(74)	HODA AHMD ABD EL HADI		
(12)	Patent		

(54) FLUORO-4-IMINO-3-(SUBSTITUTED)-3,4DIHYDROPYRIMIDIN-2-(1H)-ONE DERIVATIVES-5 Patent Period Started From 15/08/2012 and Will end on 14/08/2032

(57) This present disclosure is related to the field of 5-fluoro-4-imino-3-(substituted)-3,4- dihydropyrimidin-2(1H)ones and their derivatives and to the use of these compounds as fungicides.

$$R^{2} \xrightarrow{N} \stackrel{N}{\underset{\mid}{\bigcap}} O$$

Formula I



PCT

- (22) 04/02/2013
- (21) 0185/2013
- (44) | September 2017
- (45) 15/04/2018
- (11) 28641

(51)	Int. Cl. 8 A61B 5/0225
(71)	 ZHONGZHI PATENT & AGENT CO., LTD (China) SHENZHEN RAYCOME HEALTH TECHNOLOGY CO., LTD 3.
(72)	 WU, Xiaoguang 3.
(73)	1. 2.
(30)	1. (CN) 201010247968.6 - 06-08-2010 2. (PCT/CN2011/000866) - 17-05-2011 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) NON-INVASIVE BLOOD PRESSURE MEASURING APPARATUS AND MEASURING METHOD THEREOF

Patent Period Started From 17/05/2011 and Will end on 16/05/2031

A non-invasive blood pressure measuring apparatus and a measuring method thereof. A main body is provided with a microprocessor connected with a pressure sensor. A pressurized cuff is a balloon cuff with a gas tube, which is connected with the pressure sensor and fastened to a body portion at which the artery blood flow of a subject can be blocked completely after balloon inflation. The pressurized cuff is provided with a pulse wave detector fixed at a downstream portion of the pressurized cuff according to the artery blood flow direction. The microprocessor performs a real-time process to several pulse wave amplitudes which are detected by the pulse wave detector and increasing slowly from zero and the corresponding pressures of the pressurized cuff to determine a systolic blood pressure; and also the microprocessor performs a real-time process to several pulse delay periods which are the delay periods between the pulse waves and the corresponding pressure alternative signals and from variable to relatively constant and the corresponding pressures of the pressurized cuff to determine a diastolic blood pressure. Possible and inevitable errors caused by discontinuity of heart beats can be avoid by a conversion from discontinuous events to a continuous measurement. The systolic blood pressure and the diastolic blood pressure of blood pressure can be measured accurately and non-invasively.



PCT

- (22) 16/12/2012
- (21) 2070/2012
- (44) October 2017
- (45) 15/04/2018
- (11) 28642

(51)	Int. Cl. 8 A01N 43/90, 43/40, 13/00
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA)
	2. 3.
(72)	1. BECKER, Joerg 2.
	3.
(73)	1. 2.
(30)	1. (US) 61/355,739 - 17-06-2010
	2. (PCT/US2011/040682) - 16-06-2011 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING CLOPYRALID AND FLORASULAM Patent Period Started From 16/06/2011 and Will end on 15/06/2031

(57) An herbicidal composition containing (a) clopyralid and (b) florasulam provides synergistic control of selected weeds.



PCT

- (22) 18/06/2012
- (21) 0774/2012
- (44) October 2017
- (45) 15/04/2018
- (11) 28643

(51)	Int. Cl. 8 A01N 43/40 & A01P 13/00
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA)
	2. 3.
(72)	1. MANN, Richard
()	2. MCVEIGH-NELSON, Andrea
	3. WEIMER, Monte
(73)	1.
(-)	2.
(30)	1. (US) 255685/61 - 28-10-2009
()	2. (PCT/US2010/054248)- 27-10-2010
	3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54)	SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING
	FLUROXYPYR AND CYHALOFOP, METAMIFOP OR
	PROFOXYDIM

Patent Period Started From 27/10/2010 and Will end on 26/10/2030

(57) An herbicidal composition containing (a) fluroxypyr and (b) cyhalofop, metamifop or profoxydim provides synergistic control of selected weeds particularly in rice.



PCT

- (22) 13/03/2014
- (21) 0391/2014
- (44) October 2017
- (45) 15/04/2018
- (11) 28644

(51)	Int. Cl. 8 A01P 13/00
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. HUANG, Yi-hsiou
	2. MANN, Richard K
	3.
(73)	1.
(, 0)	2.
(30)	1. (US) 61/534,419 - 14-09-2011
(00)	2. (PCT/US2012/055085)- 13-09-2012
	3.
(74)	Amr Mofed El Deeb
(12)	Patent

(54) SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PENOXSULAM AND PRETILACHLOR

Patent Period Started From 13/09/2012 and Will end on 12/09/2032

(57) Provided herein are synergistic herbicidal mixtures comprising a herbicidally effective amount of (a) penoxsulam and (b) pretilachlor. The compositions may also contain an agriculturally acceptable adjuvant or carrier. Provided herein are also methods of controlling the growth of undesirable vegetation in multiple crops, including rice, cereal and grain crops, turf, IVM, sugar cane and tree and vine orchards, and the use of this synergistic composition.



PCT

- (22) 25/12/2014
- (21) 2079/2014
- (44) October 2017
- (45) 15/04/2018
- (11) 28645

(51)	Int. Cl. 8 B65D 85/804
(71)	1. K-fee System GmbH (GERMANY) 2.
	3.
(72)	1. KRUGER, Marc
	2. EMPL, Günter
	3.
(73)	1.
	2.
(30)	1. (DE) 10 2012 105 791.5 - 29-06-2012
()	2. (DE) 10 2013 211 568.7 - 19-06-2013
	3. (PCT/EP2013/063802) - 01-07-2013
(74)	NAHED WADIH RIZK
(12)	Patent

(54)	PORTION CAPSULE COMPRISING A PLASTIC FILM
	PROVIDED WITH A MACHINE-DETECTABLE
	IDENTIFICATION
	Patent Period Started From 01/07/2013 and Will end on 30/06/2033

(57) The invention relates to a portion capsule for producing a beverage, comprising a capsule body with a capsule base and a cover. A cavity which is formed between the capsule base and the cover comprises a beverage substrate and said capsule comprises a machine-detectable identification which enables the respective portion capsule to be individualized. The invention also relates to the use of the portion capsule for producing a beverage.



PCT

- (22) 29/05/2014
- (21) 0876/2014
- (44) November 2017
- (45) 16/04/2018
- (11) 28646

(51)	Int. Cl. 8 C01B 3/24 & C10J 3/00, 3/72
(71)	1. CCP Technology GmbH (GERMANY) 2.
	3.
(72)	1. KUhl Olaf
, ,	2.
	3.
(73)	1.
	2.
(30)	1. (DE) 10 2011 122 562.9 - 20-12-2011
	2. (DE) 10 2012 008 933.3 - 04-05-2012
	3. (DE) 10 2012 010 542.8 - 29-05-2012
	4. (PCT/EP2012/005310) - 20-12-2012
(74)	ABDEL WAHAB MOUSTAFA KAMAL
(12)	Patent

(54) PROCESS AND SYSTEM FOR GENERATING SYNTHESIS GAS Patent Period Started From 20/12/2012 and Will end on 19/12/2032

(57) A method and an apparatus for generating synthesis gas using hydrocarbons and water are described. In further embodiments of the method and the apparatus, synthesis gases having any desired CO/hydrogen ratio and/or synthetic functionalised and/or non-functionalised hydrocarbons are generated. With this method, a hydrocarbon containing fluid may be transformed into a synthesis gas having variable hydrogen content without generating significant amounts of CO2. Further, hydrogen and different forms of carbon may be obtained as by-products.



PCT

- (22) 08/11/2010
- (21) 1887/2010
- (44) December 2017
- (45) 18/04/2018
- (11) 28647

(51)	Int. Cl. 8 F25J 3/00
(71)	1. Lummas Technology INC(UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. MALSAM, Michael
	2.
	3.
(73)	1.
(-)	2.
(30)	1. (US) 880,121/12 - 16-05-2008
()	2. (PCT/US2009/042260) - 30-04-2009
	3.
(74)	SOHEER MICHEAL REZK
(12)	Patent

(54) ISO-PRESSURE OPEN REFRIGERATION NGL RECOVERY Patent Period Started From 30/04/2009 and Will end on 29/04/2029

(57) The present invention relates to an improved process for recovery of natural gas liquids from a natural gas feed stream. The process runs at a constant pressure with no intentional reduction in pressure. An open loop mixed refrigerant is used to provide process cooling and to provide a reflux stream for the distillation column used to recover the natural gas liquids. The processes may be used to recover C3⁺ hydrocarbons from natural gas, or to recover C2⁺ hydrocarbons from natural gas.



PCT

- (22) 26/02/2014
- (21) 1084/2014
- (44) November 2017
- (45) 18/04/2018
- (11) 28648

(51)	Int. Cl. 8 C01M 169/04 & F16L 58/04, 57/06
(71)	 VALLOUREC OIL AND GAS FRANCE (France) NIPPON STEEL & SUMITOMO METAL CORPORATION (JAPAN) 3.
(72)	 GARD, Eric GOUIDER, Mohamed PETIT, Mikael PINEL, Eliette
(73)	1. 2.
(30)	1. (FR) 11/04148 - 29-12-2011 2. (PCT/FR2012/000541) - 20-12-2012 3.
(74)	SMAS CO
(12)	Patent

(54) THREADED TUBULAR COMPONENT AND METHOD FOR COATING SUCH A THREADED TUBULAR COMPONENT Patent Period Started From 20/12/2012 and Will end on 19/12/2032

(57) The subject matter of the invention is a tubular element intended for drilling and/or operating hydrocarbon wells having one end comprising at least one threaded area, characterised in that the end is at least partially coated with a dry film, comprising a matrix including a mixture of at least one alkali polysilicate and at least one semi-crystalline thermoplastic organic polymer. The invention also relates to a method for producing a dry film, comprising a matrix including a mixture of at least one alkali polysilicate and at least one semi-crystalline thermoplastic organic polymer, on such a tubular element intended for drilling and/or operating hydrocarbon wells.



PCT

(22) 09/09/2015

(21) 1456/2015

(44) November 2017

(45) 18/04/2018

(11) 28649

(51)	Int. Cl. 8 A23L 7/113 & B65B 19/26, 61/28
(71)	1. ALTOPACK S.PA. (ITALY)
(/	2.
	3.
(72)	1. Giuseppe VEZZANI
	2.
	3.
(73)	1.
	2.
(30)	1. (IT) MI2014A 001575 - 11-09-2014
	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SHUTTER UNIT FOR A VERTICAL FLOW PACKAGING MACHINE FOR SHORT PASTA Patent Period Started From 09/09/2015 and Will end on 08/09/2035

(57) There is described a shutter unit for a packaging machine for short pasta configured to receive a dose of pasta from a weighing unit of fed pasta, hold it and then discharge it into a bag being formed by means of welding units. The shutter unit comprises a diaphragm with a first, a second and a third blade pivoted on a first, a second and a third pin, respectively, fixed on a base plane. Moving means are configured to rotate the blades, simultaneously between a closed position of the diaphragm, in which the dose of short pasta is held by the shutter unit, and an opening position of the diaphragm to let the dose of short pasta fall into the bag being formed.



PCT

- (22) 27/03/2013
- (21) 0503/2013
- (44) November 2017
- (45) 18/04/2018
- (11) 28650

(51)	Int. Cl. 8 B29B 9/16 & C08G 63/88
(71)	1. UHDE INVENTA-FISCHER GMBH (GERMANY) 2. 3.
(72)	 HANIMANN, Kurt SCHALLER, Rainer SCHULZ VAN ENDERT, Eike
(73)	1. 2.
(30)	1. (DE) 10011282.0 - 28-09-2010 2. (US) 61/387,036 - 28-09-2010 3. (PCT/EP2011/000798) - 18-02-2011
(74)	Samar Ahmed El labad
(12)	Patent

(54) METHOD FOR INCREASING THE MOLECULAR WEIGHT USING THE RESIDUAL HEAT OF POLYESTER GRANULATE

Patent Period Started From 18/02/2011 and Will end on

(57) The present invention relates to the increase of molecular weight during the thermal treatment of polyester in combination with a granulation of latent heat. The newly developed method allows combining a solid state postcondensation (SSP) directly with underwater granulation. The method differs from a conventional solid state postcondensation in that the increase of molecular weight can be achieved without additional input of heat and thus only by using the residual heat and the crystallization heat obtained in the process. The characterizing element is an improved water deposition and dehumidification during granulation. This is the only way to ensure that an increase in viscosity can be achieved in the presence of a small granulate having a mean grain weight of no more than 20 mg.



PCT

- (22) 02/11/2014
- (21) 1751/2014
- (44) November 2017
- (45) 18/04/2018
- (11) 28651

(51)	Int. Cl. ⁸ B66C 19/00 & B65G 67/60
(71)	 BOBENRIETH GIGLIO, Guillermo (Chile) 3.
(72)	 BOBENRIETH GIGLIO, Guillermo 3.
(73)	1. 2.
(30)	1. (CL) 201201183 - 04-05-2012 2. (PCT/CL2013/000027)- 02-05-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SYSTEM FOR LOADING AND UNLOADING DURING PORT OPERATIONS, COMPRISING A CRANE, AND A BASE LOCATED IN THE BODY OF THE CRANE THAT SUPPORTS AND STACKS HATCHWAY COVERS

Patent Period Started From 02/05/2013 and Will end on 01/05/2033

- (57) Invention relates to a system for loading and unloading during port operations and equipment for supporting hatchway covers of marine-vessel holds, comprising: a loading and unloading crane; and a base located in the body of the crane for supporting and stacking the hatchway covers. The invention also relates to a method for removing, stacking and returning hatchway covers in said system for loading and unloading during port operations and equipment for supporting hatchway covers of marine-vessel holds, comprising:
 - i) having said system available;
 - ii) removing the hatchway cover from the hold and moving it using the carriage of the crane;
 - iii) transferring the cover and placing it on the base installed in the body of the crane; and iv) returning the cover to the vessel, transferring same from said base to the vessel, once the loading and/or unloading operation has been completed.



PCT

- (22) 11/08/2014
- (21) 1288/2014
- (44) January 2017
- (45) 18/04/2018
- (11) 28652

(51)	Int. Cl. 8 A01B 79/00
(71)	1. ALAA ELDIN FETEHA ABDELHALIM IBRAHIM GADELRAB (EGYPT) 2. 3.
(72)	1. ALAA ELDIN FETEHA ABDELHALIM IBRAHIM GADELRAB 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	Patent

(54) METHOD AND APPARATUS TO REDUCE WATER AND ENERGY FOR AGRICULTURE WITHOUT SOIL SYSTEM Patent Period Started From 11/08/2014 and Will end on 10/08/2034

(57) This invention for a new design in order to reduce the water and energy and to minimize the working area for vertical economical and innovative compact unit for agriculture without soil system. There is a solar panel for DC water pump operation inorder to store the water instead of the energy stored in batteries. The idea of this invention for applying siphon theory to control the amount and time periods of water flowing through the helical tube for the agriculture without Soil System.



PCT

- (22) 05/02/2014
- (21) 0166/2014
- (44) January 2017
- (45) 22/04/2018
- (11) 28653

(51)	Int. Cl. ⁸ A61B 1/32
(71)	1. DIKRAN GILBERT GHOUGAS HOVAGHIMIAN (EGYPT) 2. 3.
(72)	1. DIKRAN GILBERT GHOUGAS HOVAGHIMIAN 2. 3.
(73)	1. 2.
(30)	1. EGYPT (201420166) - 05/02/2014 2. 3.
(74)	
(12)	Utility model

(54)	GLAUCOMA (EYE LID) SPECULUM
	Patent Period Started From 05/02/2014 and Will end on 04/02/2021

(57) A NEW STAINLESS STEEL GLAUCOMA EYE SPECULUM POSSESSING 2 STAINLESS STEEL TUBES WELDED ON THE FREE ENDS OF BOTH ARMS OF THE SPECULUM. SEPARATE STAINLESS STEEL ADD ON ATTACHMENTS OF VARYING LENGTHS WILL BE INSERTED IN THE LOWER TUBES AND THEIR LOWER END WILL BE INSERTED IN THE LOWER CONJUNCTIVAL FORNIX TO ROTATE THE EYE DOWNWARDS, EXPOSING THE UPPER 1/2 OF THE EYE FOR GLAUCOMA SURGERY. THE SPECULUM IS USED FOR BOTH ROUTINE AND GLAUCOMA EYE SURGERIES. INSERTING THE ATTACHMENTS IN THE UPPER TUBES WILL ROTATE THE EYE UPWARDS EXPOSING THE LOWER HALF OF THE EYE FOR OCULOPLASTIC SURGERIES.



PCT

- (22) 22/04/2013
- (21) 0683/2013
- (44) January 2017
- (45) 18/04/2018
- (11) 28654

(51)	Int. Cl. 8 A61B 17/50
(71)	1. MAHMOUD A. H. EL-OTEIFY (EGYPT)
(, =)	2. KARAM M. M. EMARA
	3. OMAR M. E. ABDEL-HAFEZ
(72)	1. MAHMOUD A. H. EL-OTEIFY
, ,	2. KARAM M. M. EMARA
	3. OMAR M. E. ABDEL-HAFEZ
(73)	1.
` /	2.
(30)	1,
\ /	2.
	3.
(74)	Focal point - ASSIUT UNIVERSITY
(12)	Patent

(54) COMBINED SKIN GRAFT ROLLER & MESHER Patent Period Started From 22/04/2013 and Will end on 21/04/2033

(57) This machine is a fenestrated metal cylinder on which we can rap the split skin graft and with sharp teeth come out from these fenestrations suddenly to perforate the skin in a regular manner. These fenestrations can be increased in width through a screw by its rotation and thin the degree of meshing can increase with subsequent increase in the skin graft width. This cylinder is originally made to facilitate the application of the skin graft on the surface of the burned patient to shorten the surgery time which may affect the general condition of this critical patient. If we imagine the process of taking the skin graft from the donor site thin put it on the mesh dermatome for meshing thin remove it to apply on the patient surface this will take a lot of time in the extensive burn. With this machine we apply the graft on this cylinder for meshing it, thin apply directly on the patient surface. Any plastic surgeon can imagine how much time we can safe by using this machine.



PCT

- (22) 02/03/2014
- (21) 0320/2014
- (44) January 2017
- (45) 18/04/2018
- (11) 28655

(51)	Int. Cl. ⁸ F04B 1/04 & F03C 1/24
(71)	1. Science & Technology Development Fund (EGYPT)
	2.
	3.
(72)	1. MOHAMMED AHMED ALGAMIL AHMED ABDUL HAFEZ
, ,	2.
	3.
(73)	1.
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(30)	1.
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	3.
(74)	MARWA ALAA EL DIN MOHAMED ABDEL-MEGUID
(12)	Patent

(54) HYDRAULIC MOTORS OF CAMS DRIVEN BY THEIR FOLLOWERS, AND THEIR EQUIVALENT HYDRAULIC PUMPS Patent Period Started From 02/03/2014 and Will end on 01/03/2034

(57) The hydraulic motor consists one or several heads, each has a cam with one or more rises per one motor shaft rotation installed on the motor shaft. Each cam is surrounded by several followers equal to the number of the cam rises. The followers completely encircle the cam. The chamber outside the followers is called the control chamber. When the control chamber is fed with pressurized fluid, the followers push the cam to rotate the motor shaft. The cam pushes the followers to discharge the fluid in the remaining cycle. The heads can brake the shaft, fix it at a certain position or permit to run idly without need to additional mechanisms. By adding means such as springs to push the followers against the cam in suction stroke, the heads can operate as a variable displacement pump. The invention provides several configurations to be used as a pump and/or a motor, and to rotate in one or both directions.



PCT

- (22) 07/09/2008
- (21) | 1494/2008
- (44) January 2017
- (45) 18/04/2018
- (11) 28656

(51)	Int. Cl. 8 E03 D9/52,11/00
(71)	1. TAREK MOHAMAD SHAABAN MOHAMAD GHUNAM (EGYPT)
	2. 3.
(72)	1. TAREK MOHAMAD SHAABAN MOHAMAD GHUNAM
	2. 3.
(73)	1.
(30)	2. 1.
(30)	2.
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(74)	
(12)	Patent

(54)	TOILET SEAT
	Patent Period Started From 06/09/2008 and Will end on 05/09/2028

(57 THE SUBJECT MATTER OF THE INVENTION TO DEVELOP TOILET BASE (PLASTIC) UPPER BASE EXPOSED TO POLLUTION FROM THE LEFT UNCLEAN AS A RESULT OF THEIR USE URINAL FOR PRIVATE MEN IN PUBLIC PLACES AND WHICH THE LEAST INTEREST IN HYGIENE SUCH AS CINEMA, PUBLIC TOILETS, PARKS AIRPORTS HOSTELS AND OTHER PUBLIC PLACES SO THE SUBJECT INVENTION HOW TO SAVE IS CONCENTRATED IN THE TOILET BASE OF CLEAN WATER IS CLEAN WHERE THE EFFECTS OF THE SUBJECT INVENTION THAT FOCUSES ON AL-QAEDA REMAIN HIGH WHEN NOT IN USE AND USING MECHANICAL MEANS USING THE ZIPPER OR THE USE OF A MECHANICAL SYSTEM.



PCT

- (22) 18/11/2014
- (21) 1846/2014
- (44) **January 2017**
- (45) 18/04/2018
- (11) | 28657

(51)	Int. Cl. 8 A61F 9/007
(71)	1. DIKRAN GILBERT GHOUGAS HOVAGHIMIAN (EGYPT) 2.
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(72)	1. DIKRAN GILBERT GHOUGAS HOVAGHIMIAN
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(73)	1.
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(30)	1.
, ,	2.
	3.
(74)	
(12)	Patent

(54) A NEW SILICONE GLAUCOMA STENT AND GLAUCOMA VALVE

Patent Period Started From 18/11/2014 and Will end on 17/11/2034

Glaucoma causes optic atrophy and blindness. The treatment is reduction of eye pressure with medication or surgery or using a valve. A glaucoma stent and a valve is presented both having 3 silicon tubes adherent to each other ,with attached wing shape silicone sheets facilitating the aqueous outflow and prevent fibrosis and surgical failure. In the stent the tubes are patent from both ends and supplied with plugs, while in the valve the tubes are blocked from the rear end and possess 3 slit valves. The stent is used for absolute glaucoma while the valve in most glaucoma variants.



PCT

- (22) 10/09/2012
- (21) |1552/2012
- (44) January 2017
- (45) 18/04/2018
- (11) 28658

(51)	Int. Cl. ⁸ E05B65/0032 H03K7100 G06K7/0021
(71)	1. OSAMA MOHAMED ABD ELHAMED MOHAMED ELSAHLI (EGYPT) 2.
	3.
(72)	1. OSAMA MOHAMED ABD ELHAMED MOHAMED ELSAHLI
	2.
	3.
(73)	1.
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(30)	1.
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	3.
(74)	
(12)	Patent

(54)	THE LASER KEY
	Patent Period Started From 10/09/2012 and Will end on 09/09/2032

(57) Using the key in making and entering the code which the users wants for each door (i.e. for each lock). And when we want to open or close the door, we choose the door we wants from the key device and put the laser transmitter which exists in the key device in the laser receiver in the door lock, and by pressing ok the door is opened or locked.



PCT

- (22) 16/11/2015
- (21) 1805/2015
- (44) December 2017
- (45) 18/04/2018
- (11) 28659

(51)	Int. Cl. 8 C02F 1/66, 1/70, 1/72
(71)	1. KARIM KHAIRY SHAHIN (EGYPT)
	2. AHMED EL-SAYED AHMED SAYED-AHMED
	3. ABDALLA MOSAD ZEINEL-DIN
	4. SAMEIR MOHAMED ISMAIL
(72)	1. KARIM KHAIRY SHAHIN (EGYPT)
()	2. AHMED EL-SAYED AHMED SAYED-AHMED
	3. ABDALLA MOSAD ZEINEL-DIN
	5. SAMEIR MOHAMED ISMAIL
(73)	1.
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(30)	1.
(00)	2.
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(74)	Focal Point Alex University
(12)	Patent

(54) TREATMENT METHOD TOWARDS IRON CONCENTRATION REDUCTION IN GROUNDWATER FOR IRRIGATION PURPOSES

Patent Period Started From 16/11/2015 and Will end on 15/11/2035

(57) The invention is related to method to reduce of groundwater concentrations of iron. A sustainable treatment for high iron concentration reduction in groundwater for irrigation purposes by using the atmospheric oxygen. In water treatment the aeration process brings water and air into close contact exposing drops or thin sheets of water to the air or by introducing small bubbles through a treatment structure which is steps or degrees that allow water to be exposed to air and letting them rise through the water. This treatment method depends on water flow rate, atmospheric temperature, water analysis and iron concentration in water. This method transforms the insoluble iron into the water to a dissolved phase that facilitates the melting of the insoluble iron through one of the means of filtrations.



PCT

- (22) 08/02/2016
- (21) 0203/2016
- (44) **January 2017**
- (45) 18/04/2018
- **(11)** | **28660**

(51)	Int. Cl. 8 A47J 47/12 & B65B 25/16
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) (EGYPT) 2. 3.
(72)	1. SALWA AHMED MOSTAFA ELSHEBINI 2. AHMED MOHAMED SAEID HUSSEIN 3. SUZANNE FOUAD MOHAMED SOLIMAN 4. SALWA HUSSEIN TAWFIQ TAPOZADA 5. MAHA IBRAHIM ABD EL MOATY IBRAHIM 6. NEHAD HASAN AHMED ABD EL MOHSEN 7. YUSR MOHAMED IBRAHIM KAZEM 8. LAILA HANNA MOSAAD
(73)	1. 2.
(30)	1. 2. 3.
(74)	MAGDA MOHASEB EL-SAID – MONA MOHAMED FARID – MOHAMED ZAKARIA FAHIM – NAGLAA ALY AHMED
(12)	Patent

(54) BREAD PRODUCT AND METHOD FOR PRODUCTION Patent Period Started From 08/02/2016 and Will end on 07/02/2036

(57) THE PATENT IS CONCERNING A METHOD FOR PRODUCTION A BREAD WHICH IS PREPARED BY MIXING (THE SOY BEAN FLOUR WITH PERCENTAGE 60%, WHEAT GERM 10%, SKIMMED MILK 10%, CORN OIL 5%, BAKING POWDER 2%, TOMATO SAUCE 5%, SALT 1% AND SUPPLEMENTED WITH 5% TURMERIC POWDER OR GINGER POWDER, 2 %BLACK SEED) AND BAKED AS SAFE SYRIAN BREAD IN AN OVEN AT 200 °C FOR ABOUT 10 MINUTES



PCT

- (22) 18/05/2015
- (21) 0767/2015
- (44) December 2017
- (45) 18/04/2018
- (11) 28661

(51)	Int. Cl. 8 A01K 61/00
(71)	1. ALAA EL-DIN HAMID SAYED (EGYPT) 2.
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(72)	1. ALAA EL-DIN HAMID SAYED
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(73)	1.
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(74)	
(12)	Patent

(54) EGG INCUBATOR WITH AIR PUMP AND CURRENT WATER SYSTEM

Patent Period Started From 18/05/2015 and Will end on 17/05/2035

(57) Egg incubator for aquatic organisms and fish. It is consists of a basin or Pyrex glass, which tolerate high temperatures provided with temperature regulator connected to two electric heater. In addition, there is temperature sensor connected to a source of electrical current. The glass box is installed on the base of iron for easy movement as well as to be high from the ground level. Oxygen was supplied with a pump for the production of dissolved oxygen and current water stream made using water pump.



PCT

- (22) 10/06/2013
- (21) 0987/2013
- (44) January 2017
- (45) 18/04/2018
- (11) 28662

(51)	Int. Cl. 8 G09B 25/02 & F16H 55/14
(71)	1. WALID ABD EL GHANY TAHA HANTIRA (EGYPT) 2.
	3.
(72)	1. WALID ABD EL GHANY TAHA HANTIRA
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(73)	1.
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(30)	1.
(/	2.
	3.
(74)	
(12)	Patent

(54) GEAR BOX FOR MERGING SPEED WITH TORQUE Patent Period Started From 10/06/2013 and Will end on 09/06/2033

(57) It is a gear box can give high torque with high speed at the same time or the opposite is correct with the adjusting of the gears diameters. The gears are touching each other when they are running in the opposite directions never done in the history they are three or two liver carrying three in each side but the model I have made with a disk carrying four gears in each side- the liver will be better for torque and reduce the fraction rate - they touch the speed gear while they are running in the opposite direction to give two motion from the torque group and helping one from the speed gear. The motion will be collected in the other side of gears which has gears motion in one direction and axis motion in the same direct ion .so we will get three motions at the same time one from the axis another from the small gears another from disk or the liver helping motion to the small gears motion.



PCT

- (22) 11/02/2015
- (21) 0233/2015
- (44) January 2017
- (45) 18/04/2018
- (11) 28663

(51)	Int. Cl. 8 A01k61/56 & A23L7/20
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	 GALAL ABDEL MOEIN MAHMOUD NAWWAR HAZEM HASSAN 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	NATIONAL RESEARCH CENTER
(12)	Patent

(54) RATION PRODUCT AND ITS PRODUCTION METHOD Patent Period Started From 11/02/2015 and Will end on 10/02/2035

(57) This invention afford method to produce animal ration from agricultural wastes especially water hyacinth and addition of biomasses as protein concentrate to produce natural livestock.



PCT

- (22) 04/06/2015
- (21) 0876/2015
- (44) November 2017
- (45) 17/04/2018
- (11) 28664

(51)	Int. Cl. 8 E21B 43/08, 43/10
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	1. ALLEN, Jason 2. O'BRIEN, Robert 3. ADAM, Mark
(73)	1. 2.
(30)	1. (US) 61/739,606 - 19-12-2012 2. (PCT/US2013/069154) - 08-11-2013 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) COMPLETION SYSTEM FOR ACCOMODATING LARGER SCREEN ASSEMBLIES

Patent Period Started From 08/11/2013 and Will end on 07/11/2033

(57) A completion system, including a tubular string initially having an substantially constant first dimension and configured to include at least one unexpanded portion having the first dimension and at least one expanded portion having a second dimension larger than the first dimension. The tubular string has at least one opening therein formed at the at least one expanded portion. At least one screen assembly is included having a third dimension and positioned radially adjacent the at least one expanded portion. A radial clearance is formed between the outer dimension of the at least one screen assembly and the second internal dimension of the at least one second portion of the outer tubular string. A method of completing a borehole is also included.



PCT

- (22) 29/03/2016
- (21) 0540/2016
- (44) January 2017
- (45) 22/04/2018
- **(11)** | **28665**

(51)	Int. Cl. ⁸ G21C 1/03
(71)	1. JOINT STOCK COMPANY "AKME-ENGINEERING (Russia) 2. 3.
(72)	 MARTYNOV Petr Nikiforovich ASKHADULLIN, Radomir Shamilievich IVANOV Konstantin Dmitrievich LEGKIK, Aleksandr Urievich STOROZHENKO Aleksey Nikolaevich 6. FILIN Aleksandr Ivanovich 8. SHARIKPULOV Said Mirfaisovich 9. BOROVITSKY Stepan Artemovich
(73)	1. 2.
(30)	1. (RU) 2013143712 - 30-09-2013 2. (PCT/RU2014/000171) - 19-03-2014 3.
(74)	AMR IBRAHIM ABDALLAH SALEM
(12)	Patent

(54) METHOD FOR THE IN SITU PASSIVATION OF THE STEEL SURFACES OF NUCLEAR REACTION Patent Period Started From 19/03/2014 and Will end on 18/03/2034

(57) The invention relates to the field of nuclear technology, and specifically to a method for the in situ passivation of steel surfaces. The method consists in installing, in a position intended for a regular core, a core simulator in the form of a model of the core, which models the shape thereof, the relative position of the core components, and also the mass characteristics thereof; next, the reactor is filled with a heavy liquid metal heat transfer medium, the heat transfer medium is heated to a temperature which provides for the conditions of passivation, and in situ passivation is carried out in two stages, the first of which includes an isothermal passivation mode in conformity with the conditions determined for this stage, and the second mode includes non-isothermal passivation, which is carried out under different conditions, after which the core simulator is removed and the regular core is installed in the place thereof. The method provides for the corrosion-resistance of steel elements in a heavy liquid metal heat transfer medium environment and permits a decrease in the maximum rate of oxygen consumption during the initial period of operation of a nuclear reactor.



PCT

- (22) 04/07/2010
- (21) 1138/2010
- (44) December 2017
- (45) 22/04/2018
- (11) 28666

(51)	Int. Cl. 8 A01N 25/26
(71)	1. UPL LIMITED (INDIA)
	2.
	3.
(72)	1. SHORFF, Vikram, Rajnikant
	2. KUMAR, Ajit
	3. SHORFF, YAIDEV rAJNIKANT
(73)	1.
(-)	2.
(30)	1. (IN) 153/MUM/2008 - 22-01-2008
(00)	2. (PCT/IN2009/000054)- 21-01-2009
	3.
(74)	SMAS INTELLECTUAL PROPERTY
(12)	Patent

(54) HERBICIDAL COMPOSITION-COMPOSITION HERBICIDE Patent Period Started From 21/01/2009 and Will end on 20/01/2029

(57) A herbicidal composition comprising a first active ingredient being clodinafop-propargy and a second active ingredient being metsulfuron methyl, wherein said metsulfuror methyl is provided in a particulate form having a substantially homogenous coating o hydrophobic inert material provided thereon and processes for the preparation thereof.



PCT

- (22) 11/03/2015
- (21) 0368/2015
- (44) December 2017
- (45) 22/04/2018
- (11) 28667

(51)	Int. Cl. 8 F23C 5/08, 13/00
(71)	 L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE (France) 3.
(72)	 CANCES, Julien CAMY-PEYRET, Frederic LABEGORRE, Bernard
(73)	1. 2.
(30)	1. (EP)12184303.1 - 13-09-2012 2. (PCT/EP2013/066998) - 14-08-2013 3.
(74)	SMAS INTELLECTUAL PROPERTY
(12)	Patent

(54) PROCESS AND APPARATUS FOR ENDOTHERMIC REACTIONS Patent Period Started From 14/08/2013 and Will end on 13/08/2033

(57) A furnace for performing an endothermic process comprises tubes containing a catalyst for converting a gaseous feed, said tubes positioned inside the furnace, inner burners mounted to a furnace roof between the tubes, and outer burners mounted to the furnace roof between the tubes and a furnace wall. The outer burners are positioned close to the furnace wall, and configured to operate with 45 - 60% of the power of the inner burners and with an inlet velocity between 90 to 110 % of the inlet velocity of the inner burners.



PCT

- (22) 06/08/2014
- (21) 1270/2014
- (44) November 2017
- (45) 22/04/2018
- (11) 28668

(51)	Int. Cl. 8 G01T 1/20 & G01V 5/00	
(71)	 AMERICAN SCIENCE AND ENGINE 3. 	EERING, INC (UNITED STATES OF AMERICA)
(72)	1. ARODZERO, Anatoli	5. GRODZINS, Lee
(, =)	2. CALLERAME, Joseph	6. ROMMEL, Martin
	3. DINCA, Dan-Cristian	7. ROTHSCHILD, Peter
	4. SUD, Rajen	8. SCHUBERT, Jeffrey
(73)	1. 2.	
(30)	1. (US) 61/598.521 - 14-02-2012	
	2. (US) 61/598.576 - 14-02-2012	
	3. (US) 61/607.066 - 06-03-2012	
	4. (PCT/US2013/024585) - 04-02-2013	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) X-RAY INSPECTION USING WAVELENGTH-SHIFTING FIBER-COUPLED SCINTILLATION DETECTORS

Patent Period Started From 04/02/2013 and Will end on 03/02/2033

(57) A detector and methods for inspecting material on the basis of scintillator coupled by wavelength-shifting optical fiber to one or more photodetectors, with a temporal integration of the photo-detector signal. An unpixelated volume of scintillation medium converts energy of incident penetrating radiation into scintillation light which is extracted from a scintillation light extraction region by a plurality of optical waveguides. This geometry provides for efficient and compact detectors, enabling hitherto unattainable geometries for backscatter detection and for energy discrimination of incident radiation. Additional energy-resolving transmission configurations are enabled as are skew- and misalignment compensation.



PCT

- (22) 20/02/2011
- (21) 0273/2011
- (44) January 2017
- (45) 23/04/2018
- (11) | 28669

(51)	Int. Cl. 8 A61G 1/02, 7/10
(71)	1. RAGAI MAHMOUD MADBOULY TURK. (EGYPT)
	2. 3.
(72)	 RAGAI MAHMOUD MADBOULY TURK. 2.
	3.
(73)	1.
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(30)	1.
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(74)	
(12)	Patent

(54) THE SAFE OVAL CHAIR FOR THE AIRPLANE WHICH TURNS TO A CLOSED CAPSULE THAT LANDING SAFELY WITH THE PASSENGER AT SEA OR LAND ON EXPLOSION OR CRASH

Patent Period Started From 20/02/2011 and Will end on 19/02/2031

(57) Safe oval chair for the airplane which turns to a capsule on explosion or crash It is made from several fiber materials which protect the passengers from explosion pressure, fire, sound, and cold. It move stightly inside groves , when the door open , capsules will slide outside by the effect of the air suction . On explosion capsules will spreading in the air and a parachute will open for safe landing , then the capsule will get rid of the parachute and during hitting the sea acircular air bag is open to maintain floating . The capsule is containing a first aid kit , survival kit , communication and sos devices , and a guide monitor .



PCT

(22)	10/07/2014

- (21) 1152/2014
- (44) November 2017
- (45) 24/04/2018
- (11) 28670

(51)	Int. Cl. 8 H01R 13/533, 13/625 & E21B 17/02, 17/046, 17/20
(71)	1. PEGASUS S.R.L. (ITALY) 2. 3.
(72)	 ALARIA, Alberto FALETTO, Luca Weight of the control of th
(73)	1. 2.
(30)	1. (IT) TO2012A000019 - 12-01-2012 2. (PCT/IB2013/050188) - 09-01-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A CONNECTOR FOR TUBULAR ELEMENTS Patent Period Started From 09/01/2013 and Will end on 08/01/2033

(57) Electric connector, including first and second connector parts which can be coupled together and which comprise respectively first and second contact elements and first and second supports which support respectively the first and second connector parts and can be assembled together by means of screwing engagement. The first and second connector parts comprise, respectively, first and second support ring structures which carry the first and second contact elements respectively. Pins and corresponding locating and drive means are designed to make the first and second support rings structures rotationally integral during relative engagement of first and second supports and cause first and second contact elements to align with one another. The first connector part also comprises a base structure on which the first support ring structure is movably mounted. Cam members are arranged between base structure and support ring structure.



PCT

- (22) 21/12/2015
- (21) | 2018/2015
- (44) **December 2017**
- (45) 24/04/2018
- (11) 28671

(51)	Int. Cl. 8 C01B 3/02, 3/58, 3/50
(71)	1. CASALE SA 2. 3.
(72)	 FILIPPI, Ermanno OSTUNI, Raffaele MARZARI CHIESA, Damiano
(73)	1. 2.
(30)	1. (EP) 13173741.3 - 26-06-2013 2. (PCT/EP2014/063332) - 25-06-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A PROCESS FOR PURIFICATION OF A SYNTHESIS GAS CONTAINING HYDROGEN AND IMPURITIES Patent Period Started From 25/06/2014 and Will end on 4/06/2034

(57) A process for purification of a current of hydrogen synthesis gas, particularly in the front-end of an ammonia plant, wherein said gas contains hydrogen and minor amounts of carbon monoxide, carbon dioxide, water and impurities, said process including steps of methanation of said current, converting residual amounts of carbon monoxide and carbon dioxide to methane and water, dehydration of the gas to remove water, and then a cryogenic purification such as liquid nitrogen wash, to remove methane and Argon; a corresponding plant and method for revamping an ammonia plant are also disclosed.



PCT

- (22) 03/11/2015
- (21) 1748/2015
- (44) December 2017
- (45) 24/04/2018
- (11) | 28672

(51)	Int. Cl. ⁸ C04F 11/14	
(71)	1. OMYA INTERNATIONAL AG	
	2. 3.	
(72)	1. GERARD, Daniel Edward	4. SKOVBY, Michael
()	2. POFFET, Martine	5. GANE, Patrick Arthur Charles
	3. SCHOELKOPF, Joachim	
(73)	1.	
(, 0)	2.	
(30)	1. (EP) 13166922.8 - 07-05-2013	
(00)	2. (US) 61/822,941 - 14-05-2013	
	3. (PCT/EP2014/057521) - 14-04-2014	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) SURFACE-TREATED CALCIUM CARBONATE AND PHYLLOSILICATE AND ITS USE IN WATER PURIFICATION Patent Period Started From 14/04/2014 and Will end on 13/04/2034

(57) The invention relates to a process for the purification of water and/or dewatering of sludges and/or sediments, to the use of a combination of a phyllosilicate and a surface-treated calcium carbonate for water purification and/or dewatering of sludges and/or sediments, as well as to the use of a combination of a phyllosilicate and a surface-treated calcium carbonate for reducing the amount of polymeric flocculation aids in water and/or sludges and/or sediments and to a composite material comprising at least one surface-treated calcium carbonate, at least one phyllosilicate and impurities originated from different sources obtainable by said process. At least 1 % of the accessible surface area of the calcium carbonate is covered by a coating comprising at least one cationic polymer.



PCT

- (22) 14/06/2015
- (21) | 0966/2015
- (44) December 2017
- (45) 24/04/2018
- (11) 28673

(51)	Int. Cl. 8 G06F 1/20	
(71)	1. MIDAS GREEN TECHNOLOGY, LLC (UNITED STATES OF AMERICA) 2. 3.	
(72)	1. BOYD, Christopher, L 2. KOEN, James, P 3. LAGUNA, David, Christopher 4. TURNER, Thomas, R 5. SWINDEN, Kenneth, D 6. GARCIA, Mario, Conti 7. TRIBOU, John, Charles	
(73)	3) 1. 2.	
(30)	1. (US) 61/737,200 - 14-12-2012 2. (US) 61/832,211 - 07-06-2013 3. (PCT/US2013/075126) - 13-12-2013	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent Patent	

(54) APPLIANCE IMMERSION COOLING SYSTEM Patent Period Started From 13/12/2013 and Will end on 12/12/2033

(57) A appliance immersion tank system comprising: a generally rectangular tank adapted to immerse in a dielectric fluid a plurality of appliances, each in a respective appliance slot distributed vertically along, and extending transverse to, the long axis of the tank; a primary circulation facility adapted to circulate the dielectric fluid through the tank; a secondary fluid circulation facility adapted to extract heat from the dielectric fluid circulating in the primary circulation facility, and to dissipate to the environment the heat so extracted; and a control facility adapted to coordinate the operation of the primary and secondary fluid circulation facilities as a function of the temperature of the dielectric fluid in the tank.

Arab Republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology
Egyptian Patent Office



(22) 07/07/2015

(21) 1106/2015

(44) **December 2017**

(45) 24/04/2018

(11) 28674

(51)	Int. Cl. 8 C01B 3/24, 3/38
(71)	1. MIDAS GREEN TECHNOLOGY, LLC (UNITED STATES OF AMERICA)
(11)	a substitution of the subs
	2.
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(72)	1. METIUS, Gary, E
	2. MCCLELLAND, James, M., Jr
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(13)	
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(30)	1. (US) 13/768,331 - 15-02-2013
(30)	
	2. (PCT/US2013/071559) - 25-11-2013
	3.
(74)	SAMAR AHMED EL LABBAD
(1.0)	D-44
(12)	Patent

(54) PATENT PERIOD STARTED FMETHOD AND APPARATUS FOR SEQUESTERING CARBON DIOXIDE FROM A SPENT GASROM AND WILL END ON

Patent Period Started From 25/11/2013 and Will end on 24/11/2033

(57) A method and apparatus for sequestering carbon dioxide from a waste gas and reusing it as a recycled gas without emissions concerns, including: given a gas source divided into a process gas and a waste gas: mixing the process gas with a hydrocarbon and feeding a resulting feed gas into a reformer for reforming the feed gas and forming a reducing gas; and feeding at least a portion of the waste gas into a carbon dioxide scrubber for removing at least some carbon dioxide from the waste gas and forming a carbon dioxide lean gas that is mixed with the reducing gas.



(22) 24/11/2014

(21) 1903/2014

(44) December 2017

(45) 24/04/2018

(11) 28675

(51)	Int. Cl. 8 C04B 14/36, C04B 26/28, C04B 28/02
(71)	1. SAINT-GOBAIN PLACO SAS 2. 3.
(72)	 TABOULOT, Elodie HOUGA, Clement
(73)	1. 2.
(30)	1. (EP) 12290175.4 - 25-05-2012 2. (PCT/EP2013/060677) - 23-05-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) GYPSUM-BASED BUILDING PRODUCTS AND METHOD FOR THE MANUFACTURE THEREOF

Patent Period Started From 23/05/2013 and Will end on 22/05/2033

(57) A building product comprises calcium sulphate dihydrate particles bound by an organic binder. The calcium sulphate dihydrate particles each have a longest dimension and a lateral dimension, wherein the lateral dimension corresponds to the maximum breadth of the particle about the axis defined by the longest dimension. The calcium sulphate dihydrate particles have a low aspect ratio such that for at least 75% of the calcium sulphate dihydrate particles, the value of the lateral dimension is at least 20% of the value of the longest dimension.



PCT

- (22) 01/06/2016
- (21) 0914/2016
- (44) December 2017
- (45) 24/04/2018
- (11) 28676

(51)	Int. Cl. 8 B01J 19/30 & C02F 3/10, 3/08 & C12N 11/08
(71)	1. VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT (France) 2. 3.
(72)	1. WELANDER, Thomas 2. PICULELL, Maria 3.
(73)	1. 2.
(30)	1. (SE) 1351432-8 - 02-12-2013 2. (PCT/EP2014/075958) - 28-11-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FREE-FLOWING CARRIER ELEMENTS Patent Period Started From 28/11/2014 and Will end on 27/11/2034

(57) A carrier element for growth of biofilm thereon is designed for free-flowing in liquid to be purified and has surfaces for biofilm growth which are protected from the abrasion from other carrier elements or surfaces in a container containing the liquid to be purified by ridges having a height corresponding to a desired thickness of a biofilm intended to grow on the protected surfaces. The ratio between the surfaces for biofilm growth and the area of the ridges ranges from 1:1 to 1:20.



PCT

- (22) 22/01/2014
- (21) 0097/2014
- (44) December 2017
- (45) 24/04/2018
- (11) | 28677

(51)	Int. Cl. ⁸ C02F 1/68
(31)	
(71)	1. OMYA INTERNATIONAL AG
(/1)	2
	2.
	3.
(72)	1. SKOVBY, Michael
(12)	
	2. POFFET, Martine
	3.
(=0)	
(73)	1.
	2.
(30)	1. (EP) 11175012.1 - 22-07-2011
(30)	
	2. (US) 61/513,035 - 29-07-2011
	3. (PCT/EP2012/063973) - 17-07-2012
(7.4)	SAMAR AHMED EL LABBAD
(74)	DAMAK AHMED EL LADDAD
(12)	Patent
(12)	2 4004

(54) MICRONIZED CaCo₃ SLURRY INJECTION SYSTEM FOR THE REMINERALIZATION OF DESALINATED AND FRESH WATER Patent Period Started From 17/07/2012 and Will end on 16/07/2032

(57) The present invention concerns a process for treating water and the use of calcium carbonate in such a process. In particular, the present invention is directed to a process for remineralization of water comprising the steps of (a) providing feed water having a concentration of carbon dioxide of at least 20 mg/1, preferably in a range of 25 to 100 mg/1, and more preferably in a range of 30 to 60 mg/1, (b) providing an aqueous slurry comprising micronized calcium carbonate, and (c) combining the feed water of step (a) and the aqueous slurry of step (b) in order to obtain remineralized water.



PCT

- (22) 15/04/2014
- (21) 0600/2014
- (44) January 2018
- (45) 29/04/2018
- (11) | 28678

(51)	Int. Cl. 8 F16L 15/04	
(71)	 JFE STEEL CORPORATION (JAPA 3. 	N)
(72)	1. YOSHIKAWA, Masaki	5. NAGAHAMA, Takuya
	2. KAWAI, Takamasa	6. UETA, Masateru
	3 CHIKATSUNE, Hiroshi	7. TAKAHASHI, Kazunari
	4. TAKANO, Jun	8. MORIOKA, Nobuhiko
(73)	1. 2.	
(30)	1. (JP) 227665-2011 - 17-10-2011	
(30)	2. (PCT/JP2012/006607) - 16-02-2012	
	3.	
(74)	SMAS	
(12)	Patent	

(54)	THREADED COUPLING FOR PIPE	
	Patent Period Started From 16/02/2012 and Will end on 15/02/2032	

Provided is a threaded coupling for a steel pipe having excellent galling resistance and seal performance as a radial-seal type connector. With this threaded coupling a plating having a Vickers hardness of not less than 310 is applied to the screw portion of the box and the inner surface of the box corresponding to the seal portion, and the seal interference amount ratio of the seal part in the pipe circumferential direction is not less than 0.002 as calculated with δ/D , where D is the seal diameter, defined by the pin outer diameter at the seal point, which is the region on the outer circumferential surface of the nose part on the pin-side that first makes contact with the inner circumferential surface of the nose part on the box-side when the threaded engagement is established, and δ is the amount of interference as defined by the amount by which the diameter of the seal point is reduced when the diameter of the seal point is reduced by the box, when the threaded engagement is established.



PCT

- (22) 25/06/2014
- (21) | 1066/2014
- (44) November 2017
- (45) 29/04/2018
- (11) 28679

(51)	Int. Cl. ⁸ C09K 8/524 & E21B 43/22
(71)	 BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 3.
(72)	 LEONARD, Geoffrey, C RIVERS, Gordon, T ASOMANING, Samuel BREEN, Patrick, J
(73)	1. 2.
(30)	1. (US) 61/590.170 - 24-01-2012 2. (US) 13/746.441 - 22-01-2013 3. (PCT/US2013/022629) - 23-01-2013
(74)	NAHED WADEA REZQ TARZI
(12)	Patent

(54) ASPHALTENE INHIBITORS FOR SQUEEZE APPLICATIONS Patent Period Started From 23/01/2013 and Will end on 22/01/2033

(57) Reaction products of polymeric alkyl phenol formaldehyde resins are useful as additives to inhibit or prevent the deposition or precipitation of asphaltenes in hydrocarbon fluids, particularly crude oil produced from a subterranean formation. These reaction products are formed by reacting a polymeric alkyl phenol formaldehyde resin with a co-reactant having functional groups including, but not necessarily limited to, amines, esters, silanes, ketones, epoxides, alkoxides, aryloxides, halogens, alkali metals, alkali earth metals, acetamides, non-metal oxides, metal oxides, where the co-reactant optionally has a carbon chain length between 1 and 22 and the reaction is conducted in the presence of at least one of various solvents. In one non-limiting embodiment, the co-reactant is a silicon derivative. The asphaltene inhibitors have utility when injected into a subterranean formation while oil production temporarily halts, a process called "squeezing," because they are retained to a degree in the formation as the crude oil is produced.



PCT

- (22) 13/05/2014
- (21) | 0765/2014
- (44) December 2017
- (45) 29/04/2018
- (11) 28680

(51)	Int. Cl. 8 H04W 8/06
(71)	1. TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (SWEDEN) 2.
	3.
(72)	1. RONNEKE, Hans
	2. KARLSSON, Magnus
	3. OLSSON, Magnus
	4. HEDMAN, Peter
(73)	1.
	2.
(30)	1. (US) 61/568,892 - 09-12-2011
(0 0)	2. (US) 13/706,979 - 06-12-2012
	3. (PCT/EP2012/074843) - 07-12-2012
(74)	NAHED WADEA REZQ TARZI
(12)	Patent

(54) METHODS AND APPARATUS FOR SHORT MESSAGE SERVICE OVER A PACKET-SWITCHED DOMAIN Patent Period Started From 07/12/2012 and Will end on 06/12/2032

(57) A wireless communication device can provide an indication that its registration in a circuit-switched domain of a network is intended only for a short message service that is included in or accompanies a registration request, such as a combined registration for both the CS domain and a packet-switched (PS) domain. The device can also change a conventional order of its domain registrations, e.g., by performing a PS- domain registration before a CS-domain registration, when it will send SMS messages over the PS domain. The device can indicate its intention to use or support for SMS over the PS domain and/or be informed about network support for SMS over the PS domain before the UE attempts a network registration.



PCT

- (22) 06/02/2014
- (21) 0173/2014
- (44) December 2017
- (45) 29/04/2018
- (11) | 28681

(51)	Int. Cl. 8 H04W 72/00
(71)	1. TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (SWEDEN) 2.
	3.
(72)	1. PHAN, Mai-Anh
	2. STATTIN, Magnus
	3. WIEMANN, Henning
(73)	1.
(-)	2.
(30)	1. (US) 61/524,107 - 16-08-2011
(00)	2. (PCT/EP2012/003489) - 16-08-2012
	3.
(74)	NAHED WADEA REZQ TARZI
(12)	Patent

(54) CAPABILITY EXTENSIONS FOR MULTIMEDIA BROADCAST MULTICAST SERVICES

Patent Period Started From 16/08/2012 and Will end on 15/08/2032

(57) The present invention relates to a method in a base station of a mobile communication network for supporting continuity of a Multimedia Broadcast Multicast Service, MBMS, for a terminal, is provided. The method comprising the steps: the base station receiving, from the terminal, an information element informing the base station of a combination of bands, which the terminal supports for carrier aggregation, wherein the terminal supports MBMS reception on any carrier configurable as a serving cell for the terminal according to the information element; the base station deriving, from the received information element, MBMS reception capabilities of the terminal; and the base station determining a number of carriers, which are configurable by the base station as serving cell of the terminal, such that the terminal is enabled to receive at least one MBMS.



PCT

- (22) 03/03/2014
- (21) 0327/2014
- (44) November 2017
- (45) 29/04/2018
- (11) 28682

(51)	Int. Cl. ⁸ B01D 47/00, 53/46, 53/75, 53/92 & F01N 3/04 & F23J 15/04
(71)	1. EMISSION LOGISTICS PTY LTD (AUSTRALIA) 2.
(72)	3. 1. SILIC, Florijan 2. SILIC GLIDING
	2. SILIC, Gabriel 3. SILIC, Ivan
(73)	4. SILIC, Mark 1. 2.
(30)	1. (AU) 2011903587 - 05-09-2011 2. (PCT/AU2012/001047) - 05-09-2012
	3.
(74)	NAHED WADEA REZQ TARZI
(12)	Patent

(54) EMISSION CONTROL SYSTEM Patent Period Started From 05/09/2012 and Will end on 04/09/2033

(57) A method and apparatus for treating an exhaust or waste gas stream using Silic Pollution Reduction System (SPRS) is provided to remove at least one unwanted material to clean the exhaust or waste gas stream by gas stabilisation to allow the cleaned gas stream to be discharged directly to atmosphere. The apparatus includes at least three treatment stations for treating the exhaust or waste gas stream in sequence, in which at least one treatment station is a wet reactor containing a nucleating or precipitating liquid for removing the unwanted material as a solid and for oxygenating the remaining gas stream from which the unwanted material has been removed, and at least one treatment station is or has a gas compressing stage or component for compressing the gas stream being treated. The advantage of the method and apparatus is that the treated gas stream can be discharged directly to atmosphere with reduced amounts of pollutants.



(22) 25/10/2011

(21) 1803/2011

(44) **January 2017**

(45) 29/04/2018

(11) | 28683

- (51) Int. Cl. 8 A01N 63/02, 37/02, 37/36 & A01P 1/00 & C12N 1/00
- (71) 1. JENEIL BIOSURFACTANT COMPANY, LLC (UNITED STATES OF AMERICA)
 - 3.
- (72) 1. STROBEL, Gary, A
 - 2. GANDHI, N.R
 - 3. SKEBBA, Victoria, Palmer
- (73)
- 2.
- (30) 1. (US) 61/214,752 27-04-2009
 - 2. (US) 61/257,319 02-11-2009
 - 3. (US) 61/315,611 19-03-2010
 - 4. (PCT/US2010/032587) 27-04-2010
- (74) SAMAR AHMED EL LABBAD
- (12) Patent

(54) ANTIMICROBIAL COMPOSITIONS

Patent Period Started From 27/04/2010 and Will end on 26/04/2030

(57) Antimicrobial compositions consisting of compound components generally recognized as safe for human consumption, and related methods of use, such compositions and methods as can be employed in a wide range of agricultural, industrial, building, pharmaceutical, personal care and animal care products and applications, such a composition consisting of C3-C5 ketone component, C2-C5 acid component; a C2-C5 acid ester component; and C2-C5 components selected from acetaldehyde; ethyl acetate; 2-butanone; propanoic acid, 2-methyl-, methyl ester; ethanol; 1-propanol, 2-methyl-; 2-butenal, 2-methyl, (E); 1-butanol, 3-methyl-; propanoic acid, 2-methyl-; propanoic acid and acetic acid, and, optionally, a rhamnolipid component, providing said composition is absent naphthalene and azulene derivative compounds, where (E) designates the geometric isomer of said 2-butenal component, whereby the aldehyde and methyl moieties of said component are on opposite sides of the C2-C3 double bond of said component.



PCT

- (22) 30/11/2014
- (21) 1933/2014
- (44) January 2017
- (45) 29/04/2018
- (11) 28684

(51)	Int. Cl. 8 E02F 3/24, 3/92, 9/28, 9/96	
(71)	1. COMBI WEAR PARTS AB (SWEDEN) 2. 3.	
(72)	 QUARFORDT, Per GABELA, Adnan BAGHRAMIAN, Paull 	4. WEMPE, Cornelis 5. WIJMA, Klaas
(73)	1. 2.	
(30)	1. (SE) 1230055-4 - 30-05-2012 2. (PCT/SE2013/000087) - 28-05-2013 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54)	TOOL AND TOOL HOLDER FOR A DREDGER
	Patent Period Started From 28/05/2013 and Will end on 27/05/2033

(57) The invention relates to a cutter head for a dredger, in which the cutter head is constructed with at least one blade and at least one adapter chamber is arranged in the blade for assembly of a tool holder in the blade, in which the adapter chamber is a cavity- configured in the blade and having an opening and an assembly recess. The invention is further constituted by a blade for a cutter head. The invention is further constituted by a tool holder for assembly on a cutter head for a dredger. The invention is further constituted by a method for assembly of a tool older in a cutter head for a dredger. The invention is further constituted by a production method for a blade for a cutter head for a dredger.



PCT

- (22) 08/11/2012
- (21) | 1882/2012
- (44) January 2017
- (45) 29/04/2018
- (11) 28685

(51)	Int. Cl. 8 C07C 11/21, 7/04 & A61K 9/107, 31/01, 39/39, 47/06 & A61P 31/16
(71)	1. NOVARTIS AG (SWIZERLAND) 2. 3.
(72)	 HORA, Maninder 3.
(73)	1. 2.
(30)	1. (US) 61/395,448 - 12-05-2010 2. (PCT/IB2011/001397) - 12-05-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) IMPROVED METHODS FOR PREPARING SQUALENE Patent Period Started From 12/05/2011 and Will end on 11/05/2031

(57) An improved method for preparing squalene from a squalene-containing composition, said method comprising the steps of (a) a purification distillation carried out at a temperature T_1 ; (b) a denaturing distillation carried out at a temperature T_2 ; wherein steps (a) and (b) may be performed in either order; T1 and T2 are sufficient to cause squalene to boil; $T_2 > T_1$; and $T_2 > 200^\circ$ C.



PCT

- (22) 20/06/2013
- (21) 1069/2013
- (44) January 2017
- (45) 29/04/2018
- (11) 28686

(51)	Int. Cl. 8 A61M 1/00, 1/36
(71)	1. FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH (GERMANY) 2. 3.
(72)	1. REITER, Reinhold 2. STABILINI, Paolo 3.
(73)	1. 2.
(30)	1. (EP) 10015895.5 - 21-12-2010 2. (US) 61/425,409 - 21-12-2010 3. (PCT/EP2011/006450) - 20-12-2011
(74) (12)	SAMAR AHMED EL LABBAD Patent

(54) CHAMBER FOR A BLOOD TREATMENT SYSTEM, USE OF THE CHAMBER, BLOOD TUBE SYSTEM AND BLOOD TREATMENT SYSTEM

Patent Period Started From 20/12/2011 and Will end on 19/12/2031

(57) The invention relates to a chamber for a blood treatment system comprising at least one compartment delimited by a chamber wall, as well as at least one blood inlet and at least one inlet for a further fluid, which are in communication with the compartment, wherein both the at least one blood inlet and the at least one inlet for the further fluid are formed on tube pieces which protrude into the compartment of the chamber, wherein in the operational state of the chamber the compartment of the chamber is filled at least partially with blood or with a mixture of blood and the further fluid or another fluid and wherein at least one, preferably both or a plurality of the tube pieces have a length such that the blood inlet and/or the inlet for the further fluid are located below the blood or fluid level in the chamber.



PCT

- (22) 09/07/2013
- (21) |1158/2013
- (44) January 2017
- (45) 29/04/2018
- (11) 28687

(51)	Int. Cl. 8 C12Q 1/68
(71)	1. THE AMERICAN UNIVERSITY IN CAIRO (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. EL-SAID AZZAZY EL-BADAWY, Hassan, Mohamed
, ,	2. SHAWKY ABDUO, Sherif, Mohamed
	3.
(73)	1.
(-)	2.
(30)	1. (PCT/US2011/020676)-10-01-2011
(/	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DIRECT DETECTION OF UNAMPLIFIED HEPATITIS C VIRUS RNA USING UNMODIFIED GOLD NANOPARTICLES

Patent Period Started From 10/01/2011 and Will end on 09/01/2031

(57) A gold nanoparticle-based colorimetric assay kit for hepatitis C virus RNA that detects unamplified HCV RNA in clinical specimens using unmodified AuNPs and oligotargeter polynucleotides that bind to HCV RNA. A method for detecting hepatitis C virus comprising contacting a sample suspected of containing hepatitis C virus with a polynucleotide that binds to hepatitis C virus RNA and with gold nanoparticles, detecting the aggregation of nanoparticles, and detecting hepatitis C virus in the sample when the nanoparticles aggregate (solution color becomes blue) in comparison with a control or a negative sample not containing the virus when nanoparticles do not aggregate (solution color remains red).



PCT

- (22) 19/10/2015
- (21) | 1681/2015
- (44) November 2017
- (45) 29/04/2018
- (11) | 28688

(51)	Int. Cl. 8 A47J 37/06
(71)	1. DE' LONGHI APPLIANCES S.R.L (ITALY) 2.
	3.
(72)	1. DE' LONGHI, Giuseppe
	2. 3.
(73)	1.
(30)	2. 1. (IT) MI2013A 000687 - 24-04-2013
(30)	2. (PCT/IB2014/060949)- 23-04-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	COOKING MACHINE
	Patent Period Started From 23/04/2014 and Will end on 22/04/2034

(57) Cooking machine of the type comprising an external casing, within which a container for food to be cooked is housed and a source of hot air that can be conveyed in the direction of said food, such casing being closed on the upper side by a lid. Means, associated with such lid are provided for generating a hot air flow in the direction of the food arranged in the container. Such generation means comprise an upper heating element, a fan adapted to generate a flow of air heated by said heating element. Outside the heating element and fan an air conveying duct is present, which is adapted to direct the hot air flow in a direction substantially perpendicular to the plane on which the food lies in the container.



PCT

- (22) 03/09/2012
- (21) | 1489/2012
- (44) November 2017
- (45) 29/04/2018
- (11) 28689

(51)	Int. Cl. 8 H02G 15/10 & H01R 4/70, 4/72
(71)	1. CHI, Yu-fen (CHINA) 2.
	3.
(72)	1. HSING, Chih-kuang
	2. 3.
(73)	1.
	2.
(30)	1. (PCT/ CN2010/070853)- 03-03-2010
	2. 3.
(74)	MAHMOUD ADEL ELWALELY
(12)	Patent

(54) WIRE CONNECTION AND DISTRIBUTION CASING WITH CONNECTING PART, HOLLOW PIPE COLUMNS AND CONNECTED PART FOR COMMUNICATION CABLES

Patent Period Started From 03/03/2010 and Will end on 02/03/2030

A wire connection and distribution casing with a connecting part, hollow pipe columns and a connected part for communication cables includes at least one cable inlet and outlet end face and at least one connected part. At least one connecting part and at least one hollow pipe column which is provided for the communication cables penetrating through the cable inlet and outlet end face and entering into the wire connection and distribution casing for the communication cables are formed on the cable inlet and outlet end face, and the communication cables which are to penetrate through the hollow pipe columns form waterproof structures by means of elastic shrinkable pipes, and the connected part and the communication cables which are to penetrate through the connecting part and enter into the wire connection and distribution casing for the communication cables form a waterproof structure by means of one of a first part, a second part and a combination thereof, the first part being waterproofed by way of mechanical means and the second part being waterproofed by way of elastic shrinkable pipes. The connected part may form a waterproof structure by combining with the connecting part. The invention involves many problems which result from the waterproof means of the wire connection and distribution casing for the communication cables in the prior art.



PCT

- (22) 11/09/2014
- (21) 1446/2014
- (44) January 2017
- (45) 29/04/2018
- (11) 28690

(51)	Int. Cl. ⁸ B01D 53/04
(71)	1. CASALE SA 2. 3.
(72)	 FILIPPI, Ermanno 3.
(73)	1. 2.
(30)	1. (EP) 12159286.9 - 13-03-2012 2. (PCT/EP2013/050453) - 11-01-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

PROCESS FOR REMOVING CARBON DIOXIDE FROM A GAS STREAM

Patent Period Started From 11/01/2013 and Will end on 10/01/2033

(57) A process and equipment for removing carbon dioxide from a process gas (G), with a solid adsorbent and temperature swing adsorption, where the carbon dioxide is removed from process gas in either a first bed (B1) or a second bed (B2) of adsorbent, while the other bed is regenerated with heat furnished by the incoming hot process gas; the beds are contained in vessels (V1, V2) with heat exchange tubes or plates (T1, T2), so that the removal of CO₂ takes place by contacting the process gas with the bed in the shell side, and regeneration of a bed takes place by passing the hot process gas inside the tubes.



PCT

- (22) 02/09/2012
- (21) 1487/2012
- (44) January 2017
- (45) 29/04/2018
- (11) 28691

(51)	Int. Cl. 8 A61M 15/06
(71)	1. LK INVESTMENT APS (DENMARK) 2. 3.
(72)	1. KNUDSEN, Carsten, Leonhard 2. 3.
(73)	1. 2.
(30)	1. (DK) PA 2010 70084 - 04-03-2010 2. (DK) PA 2010 70227 - 31-05-2010 3. (PCT/DK2011/050067) - 04-03-2011
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	AN INHALATOR
	Patent Period Started From 04/03/2011 and Will end on 03/03/2031

An inhalator comprising a housing with at least a first compartment and a second compartment, and including one or more substances, said second compartment including at least one air entry port, said inhalator having a first end proximal to said first compartment and a second end proximal to said second compartment, an inhalation part being at said second end, said first compartment being for storing at least one substance and including in an inoperative state of said inhalator a plurality of sealing bodies arranged in a neighboring relationship, each pair of neighboring bodies defining at least in part a sealed chamber for containing a substance, said bodies being movable together with said at least one substance from said first compartment into said second compartment to define an operative state of said inhalator wherein said one or more substances are contained in said second compartment, whereby air entering through said air entry port and taking up, such as by evaporation, said at least one substance when contained in said second compartment may be inhaled through said inhalation part, characterized in a release device in said first compartment, said release device being for moving said bodies into said second compartment and allowing said air to flow to said air entry port in said operative state



PCT

- (22) 19/08/2014
- (21) | 1321/2014
- (44) **January 2017**
- (45) 30/04/2018
- (11) 28692

(51)	Int. Cl. 8 A62C 31/02, B05B 1/00
(71)	1. KOATSU CO., LTD. (JAPAN) 2. 3.
(72)	 INOUE, Yasufumi YABUSHITA, Masahiro 3.
(73)	1. 2.
(30)	1. (JP) 2012-035095 - 21-02-2012 2. (JP) 2012-063472 - 21-03-2012 3. (PCT/JP2013/053194) - 12-02-2013
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SPRAY HEAD FOR GASEOUS FIRE EXTINGUISHING EQUIPMENT HAVING SILENCING FUNCTION Patent Period Started From 12/02/2013 and Will end on 11/02/2033

(57) The purpose of the invention is to provide a spray head for gaseous fire extinguishing equipment, which is configured so that the noise reduction rate can be increased and the spray reaction force of the fire extinguishing agent gas on the spray head when the fire extinguishing agent gas is released can be reduced using a small spray head. A spray head, which is installed in gaseous fire extinguishing equipment that uses a fire extinguishing agent gas to release the fire extinguishing agent gas on the area in which fire is to be extinguished and which is provided with a silencing means. The silencing means is configured from a block-shaped silencing member, which is disposed on the outlet section of an orifice and is obtained from a porous material through which gas can flow. The end face on one side of the silencing member is disposed in contact with the main body of the spray head, and the circumferential surface and the end face on the other side of the silencing means, excluding the portion in contact with a ring member that fixes the silencing member to the main body of the spray head via bolts, are open to the atmosphere.



PCT

- (22) 07/09/2014
- (21) | 1415/2014
- (44) January 2017
- (45) 30/04/2018
- (11) 28693

(51)	Int. Cl. 8 C04B 28/02 & C09K 8/42, 8/46, 8/473
(71)	1. HALLIBURTON ENERGY SERVICES, INC (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. BROTHERS, Lance E
	2. PISKLAK, Thomas J
	3.
(73)	1.
(-)	2.
(30)	1. (US) 13/417,001 - 09-03-2012
(00)	2. (PCT/US2013/029489) - 07-03-2013
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SET-DELAYED CEMENT COMPOSITIONS COMPRISING PUMICE AND ASSOCIATED METHODS Product Product Street of Francisco (1921/202)

Patent Period Started From 07/03/2013 and Will end on 06/03/2033

(57) A variety of methods and compositions are disclosed, including, in one embodiment, a method of cementing in a subterranean formation, comprising: providing a set-delayed cement composition comprising water, pumice, hydrated lime, and a set retarder; activating the set-delayed cement composition; introducing the set-delayed cement composition into a subterranean formation; and allowing the set-delayed cement composition to set in the subterranean formation.



PCT

- (22) 28/07/2016
- (21) 1253/2016
- (44) January 2017
- (45) 30/04/2018
- (11) 28694

(51)	Int. Cl. 8 B04C 5/14, 5/185, 5/181, 9/00	
(31)	B04C 5/14, 5/165, 5/161, 9/00	
(71)	1. PISCINES DESJOYAUX SA (FRANCE	
(71)	2.)
	3.	
(72)	1. DEJEY, Marc	4. SAGE, Céline
(12)	2. AROT, Florian	5. PARIN, Thibault
	3. DESJOYAUX, Jean-Louis	
(73)	1.	
,	2.	
(30)	1. (FR) 1450701 - 29-01-2014	
	2. PCT/FR2015/050206 (29-01-2015	
	3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) DEVICE FOR FILTERING A LIQUID BY CYCLONIC EFFECT Patent Period Started From 29/01/2015 and Will end on 28/01/2035

(57) The invention relates to a filtering device which comprises a tubular body with a cylindrical segment (la) extended at one of the ends thereof by a conical segment (lb) with a tapering section, the other end of said cylindrical segment being in lateral communication with a fitting for the entry of the liquid to be filtered tangentially to the circumference of said body next to said wall such that solid particles of the liquid, under the effect of the centrifugal force, tend to be pushed against the wall, the fluid following said wall until the apex and rising back up free of at least some of the particles via the centre of the body so as to be discharged via a coaxial fitting of the cylindrical segment (la). The end of the conical segment (lb) considered at the apex thereof, has means capable of allowing the extraction and discharge of solid particles captured at the wall of the body in order to guide same into a tank in communication with the coaxial fitting.



PCT

- (22) 03/04/2014
- (21) 0530/2014
- (44) January 2017
- (45) 30/04/2018
- (11) 28695

(51)	Int. Cl. ⁸ B65D 41/32
(71)	1. FRISHMAN, Abe (UNITED STATES OF AMERICA) 2. 3.
(72)	1. FRISHMAN, Abe 2. 3.
(73)	1. 2.
(30)	1. (US) 13/267,264 - 06-10-2011 2. (PCT/US2012/053131)- 30-08-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	EASY-PULL BOTTLE CAP
	Patent Period Started From 30/08/2012 and Will end on 29/08/2032

(57) Crown for a bottle or other container has a top portion and an annular skirt that descends contiguously from the top portion. An opener assembly and an arrangement of frangible scoring lines on the crown allow for ease of opening the bottle or container. Corrugated embodiments provide material strengthening for a reduced gauge crown

(54)



PCT

(22) 01/04/2012

(21) 0596/2012

(44) **January 2017**

(45) 30/04/2018

(11) 28696

(51)	Int. Cl. 8 H04W 52/34, 52/36, 72/12
(71)	1. TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) (SWEDEN) 2. 3.
(72)	 LARSSON, Daniel BALDEMAIR, Robert GERSTENBERGER, Dirk LINDBOM, Lars
(73)	1. 2.
(30)	1. (US) 61/248.092 - 02-10-2009 2. (PCT/EP2010/064405)- 29-09-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

	Patent Period Started From 29/09/2010 and Will end on 28/09/2030
(57)	The embodiments of the present invention relates to a method in a UE for
	distributing available transmit power to avoid violation of UE power
	limitations on the PUCCH and the PUSCH. Available power for
	transmission on at least the PUCCH is determined and at least one power

METHODS AND ARRANGEMENTS IN A MOBILE

TELECOMMUNICATIONS NETWORK

headroom report indicating the available power for transmission on at least the PUCCH is transmitted to a base station.

Egyptian Patent Office



PCT

(22) 24/08/2015

(21) | 1319/2015

(44) January 2017

(45) 30/04/2018

(11) 28697

(51)	Int. Cl. 8 A01G 25/09
(71)	1. LINDSAY CORPORATION (UNITED STATES OF AMERICA) 2. 3.
(72)	 KORUS, Thomas J FREDENBURG, Michael 3.
(73)	1. 2.
(30)	1. (US) 14/161,233 - 22-01-2014 2. (PCT/US2015/012466) - 22-01-2015 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) WHEEL ASSEMBLY FOR AN IRRIGATION SYSTEM Patent Period Started From 22/01/2015 and Will end on 21/01/2035

(57) A wheel assembly for traversing a path along a ground surface having a layer of soil, the wheel assembly comprising a central support and an airless flexible covering mounted on the central support and having a plurality of rigid sections and a plurality of flexible sections. The outwardly protruding spokes urge the rigid sections into the layer of soil when the rigid sections contact the ground surface. The flexible sections flex inwardly when the flexible sections contact the ground surface so that the rigid sections and the flexible sections cooperatively form a corrugated pattern in the ground surface without urging the soil to side margins of the airless flexible covering, the corrugated pattern having a plurality of valleys formed by the rigid sections and a plurality of peaks formed by the flexible sections.

Arab Republic of Egypt

Ministry of State for Scientific Research Academy of Scientific Research & Technology



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN MAY 2018"

Egyptian Patent Office

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(PATENT No. 28732)	(36)

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(PATENT No. 28749)	(53)
(PATENT No. 28750)	(54)
(PATENT No. 28751)	(55)
(PATENT No. 28752)	(56)
(PATENT No. 28753)	(57)
(PATENT No. 28754)	(58)

Preface

We are on the verge of a new era which is founded on the basis of technological development and hence, we have to follow it in all fields of national development. Technology has become the basis for the increase in national income and production and hence, scientific research has become our real hope as a way for advancement and as a necessity for life.

Emerging from the responsibility of the Academy of Scientific Research and Technology towards strengthening the pillars of science and technology, I have the pleasure to introduce the Granted Patent's Abstracts of the Publication of Patents monthly, Which includes bibliographical data. This periodical is directed to all those interested in the vital field of Intellectual property which encompasses patents, innovations and creative works.

I hope that this publication meets its targeted objective, namely increasing the welfare, prosperity and advancement for our beloved country, Egypt.

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

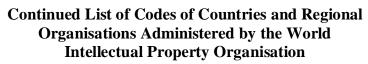
Bibliographic data

Bibliographic data	symbol
Patent Number	11
Patent Kind	12
Application Number	21
Filing Date	22
Priority Number	
Priority Date	30
Priority Country	
Issuance Date	45
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Applicant Name	71
Inventor Name	72
Patentee Name	73
Patent Attorney Name	74



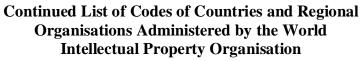
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IE	Ireland



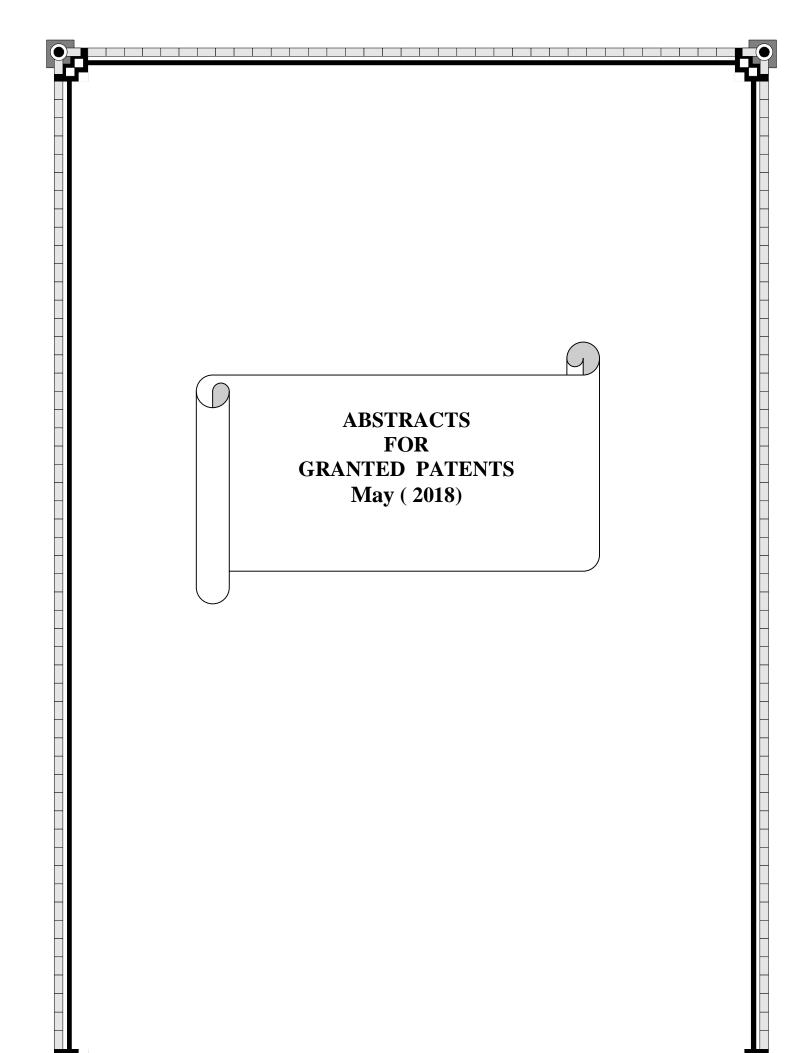
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TR	Turkey
TT	Trindad and Topago
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UG	Uganda
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

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YD	Yemen
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe





PCT

- (22) 02/06/2015
- (21) 0852/2015
- (44) January 2018
- (45) 02/05/2018
- (11) 28698

(51)	Int. Cl. 8 A01P 7/00 , A01N 43/40 , A01N 25/04	
(71)	1. ISHIHARA SANGYO KAISHA, LTD (JAPAN) 2. 3.	
(72)	1. SANO, Mitsuo	4. IWASA, Mitsugu
()	2. OKADA, Takashi	5. KOBAYASHI, Yusuke
	3. OKUMURA, Yasuhiro	
(73)	1.	
(-)	2.	
(30)	1. (JP) 2012-267685 - 06-12-2012	
	2. (PCT/JP2013/083276) - 05-12-2013	
	3.	
(74)	SALWA MEKHAEIL REZK	
(12)	Patent	

(54) OIL-BASED PESTICIDAL SUSPENSION Patent Period Started From 05/12/2013 and Will end on 04/12/2033

(57) To provide an oil-based pesticidal suspension which suppresses foaming at the time of preparation of a spray liquid by an organic silicone type surfactant, and which has excellent pesticidal activity with a small amount of an agricultural chemical. The present invention provides an oil-based pesticidal suspension comprising flonicamid or its salt, an organic silicone type surfactant and at least one oil-based diluting agent selected from the group consisting of a vegetable oil and its alkylated oil, and a method for controlling pests, which comprises applying the oil-based pesticidal suspension to the pests or to a place where they grow.



PCT

- (22) 18/04/2007
- (21) 0393/2007
- (44) January 2018
- (45) 02/05/2018
- (11) 28699

(51)	Int. Cl. 8 C07D 249/14, 249/12&C07C 31	7/36, 317/48, 323/34, 323/63 & A01N 43/653
(71)	1. KUMIAI CHEMICAL INDUSTRY CO (JAPAN) 2. 3.	
(72)	1. YANO, YHIROKI	5. KINPA, SHORI
(, =)	2. TAK HASHI, SATORU	6. ITO, YOUSHIRIO
	3. HAMAGAUĆWI, RUJI	7. YAMAGU CHI, MIKIO
	4. YOWEURA, NORIHISA	8. TORIYABE, KEIJI
(73)	1. 2.	
(30)	1. (JP) 305251- 2004 - 20-10-2004	
(50)	2. (PCT/JP2005/019315) - 20-10-2005	
	3.	
(74)	SOHAIR MIKHAEEL REZK	
(12)	Patent	

(54) T3- TRIAZOLYLPHENYL SULFIDE DERIVATIVE AND INSECTICIDE/ACARICIDE/ NEMATICIDE CONTAINING THE SAME AS ACTIVE INGREDIENT

Patent Period Started From 20/10/2005 and Will end on 19/10/2025

(57) A novel 3- Triazolylphenyl sulfide derivative which has excellent soil treatment activity when used as an insecticide/ acaricide/ nematicide for agricultural or horticultural plants. It is a 3- Triazolylphenyl sulfide derivative represented by the general formula [I]: (wherein R represents cyclopropylmethyl or trifluoroethel; B2 represents hydrogen, halogeno, or methyl; B4 represents halogeno, cyano, nitro, or C1-6 alkyl; and A1 and A3 each represents hydrogen, halogeno, optionally substituted C1-6 alkyl, or optionally substituted amino).



PCT

- (22) 19/06/2014
- (21) 1023/2014
- (44) November 2017
- (45) 02/05/2018
- (11) 28700

(51)	Int. Cl. 8 B21D 51/26	
(71)	1. ALCOA USA CORP (UNITED STATES OF AMERICA) 2. 3.	
(72)	 FEDUSA, Anthony J MYERS, Gary L HUNKER, Gary L 	4. DICK, Robert E
(73)	1. 2.	
(30)	1. (US) 61/579,196 - 22-12-2012 2. (PCT/US2012/070979) - 20-12-2012 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) METHOD FOR EXPANDING THE DIAMETER OF A METAL CONTAINER Patent Period Started From 20/12/2012 and Will end on 19/12/2032

(57) A method of forming a metal container comprises: curling outward a top edge of the metal container to form a curl and expanding a diameter of a first section of the metal container to form a first expanded section; wherein at least part of the first expanded section is below the curl. In some embodiments, the steps of curling outward a top edge of the metal container to form a curl and expanding a diameter of a first section of the metal container to form a first expanded section are performed in a single stroke of a single die. In some embodiments, the step of expanding a diameter of a first section of the metal container to form an expanded section is performed after the step of curling outward a top edge of the metal container to form a curl.



PCT

- (22) 10/05/2012
- (21) | 0853/2012
- (44) January 2018
- (45) 06/05/2018
- (11) 28701

(51)	Int. Cl. 8 A61G 1/056, 1/06
(71)	1. FERNO-WASHINGTON, INC. (UNITED STATES OF AMERICA) 2. 3.
(72)	 OZ, Kemal, Burc KARTH, Andrew MAGILL, Brian, M
(73)	1. 2.
(30)	1. (US) 61/261,074 - 13-11-2009 2. (PCT/US2010/056549) - 12-11-2010 3.
(74)	NAZEH AKHNOKH SADEK ELYAS
(12)	Patent

(54)	ROLL-IN PUSH COT
	Patent Period Started From 12/11/2010 and Will end on 11/11/2030

(57) Embodiments of a roll-in push cot may comprise a support frame comprising a pair of lateral sides extending between a front end and a rear end, and a pair of slidable tracks disposed in the lateral sides; a pair of leading legs and a pair of trail -ing legs pivotally connected to the support frame; a front carriage member slidingly disposed within the pair of slidable tracks at the front end of the support frame, and a mechanical loading system coupled to the support frame and connecting the pair of leading legs with the pair of trailing legs, wherein the mechanical loading system comprises a front actuator disposed on the support frame in the motion path defined by the front carriage member, such that movement of the front carriage member triggers the front actuator and thereby initiates the release of the trailing legs.

Arab Republic of Egypt



(22) 25/02/2014

(21) 0273/2014

(44) December 2017

(45) 06/05/2018

(11) 28702

Ministry of State for Scientific Research
Academy of Scientific Research & Technology
Egyptian Patent Office

(51)	Int. Cl. 8 H04W 48/18
(71)	1. TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (SWEDEN)
	2. 3.
(72)	1. BERGSTROM, Andreas
	2. MOLANDER, Anders 3. SCHLIWA-BERTLING, Paul
(73)	1. 2.
(30)	1. (US) 61/538,216 - 23-09-2011
	2. (PCT/SE2012/051000)- 21-09-2012
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) DEVICE AND METHOD FOR INFORMATION ABOUT PLMN ID Patent Period Started From 21/09/2012 and Will end on 20/09/2032

(57) A mobile station for use in a Radio Access Network, RAN, connected to a core network in which there is one or more Public Land Mobile Networks, PLMNs. The mobile station is arranged to select one of said PLMNs and is arranged to communicate with its RAN by means of Radio Link Control, RLC, data blocks. The mobile station is arranged to include the identity, I D, of its selected PLMN in an RLC data block, and to inform the RAN of the presence of the ID of the chosen PLMN in the RLC data block by means of including a reserved or pre-defined value in the length indication field of the RLC data block.



PCT

- (22) 28/12/2015
- (21) 2047/2015
- (44) December 2017
- (45) 06/05/2018
- (11) 28703

(51)	Int. Cl. 8 B10D 53/34, 53/64 & C10L 3/10	
(71)	 IFP Energies Nouvelles (FERCN) 3. 	
(72)	 GUILLOU, Florent PORCHERON, Fabien BARTHELET, Karin 	4. BAUDOT, Arnaud5. LEPINE, Yann6. JUBIN, Clotilde
(73)	1. 2.	
(30)	1. (FR) 13/57552 - 31-07-2013 2. (PCT/FR2014/051494) - 17-06-2014 3.	
(74)	MAGDA SHEHATA HAROUN	
(12)	Patent	

(54) PROCESS FOR CAPTURING A HEAVY METAL CONTAINED IN A WET GAS INCORPORATING A HEAT PUMP FOR HEATING THE GAS INTRODUCED INTO A CAPTURING BODY

Patent Period Started From 17/06/2014 and Will end on 16/06/2034

(57) The process for capturing at least one heavy metal, chosen from mercury and arsenic, contained in a wet gas comprising steam, comprises the following steps: a) the wet gas is heated by heat exchange with a compressed heat transfer fluid obtained in step e) so as to obtain a condensed heat transfer fluid and a gas heated to a temperature Tc, b) the heated gas obtained in step a) is brought into contact with a body for capturing said heavy metal in order to obtain a gas depleted in heavy metal, c) the cooled heat transfer fluid obtained in step a) is expanded, d) the gas depleted in heavy metal is cooled by heat exchange with the heat transfer fluid produced in step c) so as to obtain a gas cooled to a temperature Tf, the heat transfer fluid being vaporized during step d), e) the vaporized heat transfer fluid obtained in step d) is compressed so as to obtain a compressed heat transfer fluid, the compressed heat transfer fluid being recycled to step a).



PCT

- (22) 07/07/2015
- (21) 1101/2015
- (44) November 2017
- (45) 06/05/2018
- (11) 28704

(51)	Int. Cl. 8 B01J 31/14, 31/18 & C07F 9/00	
(71)	 SAUDI BASIC INDUSTRIES CORPOR. LINDE AG (GERMANY) 3. 	ATION (SAUDI ARABIA)
(72)	 WOHL, Anina MEISWINKEL, Andreas BOLT, Heinz MULLER, Bernd Mulier, wolfgane Peulecke, Normen 	7. Rosenthal, Uwe 8. Harfe, Marco 9. Al-Hazmi, mohammed h 10. Al qahtani, Abdullah 11. Azam, Shahid
(73)	1. 2.	
(30)	1. (EP) 13154780.4 - 11-02-2013 2. (PCT/IB2014/058921) - 11-02-2014 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) METHOD FOR PURIFYING A CRUDE PNPNH COMPOUND Patent Period Started From 11/02/2014 and Will end on 10/02/2034

(57) The present invention relates to a method for purifying a crude PNPNH compound by metalation and re-protonation.



PCT

- (22) 11/11/2012
- (21) 1889/2012
- (44) January 2018
- (45) 06/05/2018
- (11) 28705

(51)	Int. Cl. 8 G10L 19/02	
(71)	 FRAUNHOFER-GESELLSCHAFT ZUR FORSCHUNG E.V. (GERMANY) 	FORDERUNG DER ANGEWANDTEN
(72)	 SCHNELL, Markus GEIGER, Ralf RAVELLI, Emmanuel 	4. FOTOPOULOU, Eleni
(73)	1. 2.	
(30)	1. (US) 61/442,632 - 14-02-2011 2. (PCT/EP2012/052458) - 14-02-2012 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) INFORMATION SIGNAL REPRESENTATION USING LAPPED TRANSFORM

Patent Period Started From 14/02/2012 and Will end on 13/028/2032

An information signal reconstruct or is configured to reconstruct, using aliasing cancellation, an information signal from a lapped transform representation of the information signal comprising, for each of consecutive, overlapping regions of the information signal, a transform of a windowed version of the respective region, wherein the information signal reconstruct or is configured to reconstruct the information signal at a sample rate which changes at a border between a preceding region and a succeeding region of the information signal. The information signal reconstruct or comprises a retransformed configured to apply a retransformation on the transform of the windowed version of the preceding region so as to obtain a retransform for the preceding region, and apply a retransformation on the transform of the windowed version of the succeeding region so as to obtain a retransform for the succeeding region, wherein the retransform for the preceding region (and the retransform for the succeeding region overlap at an aliasing cancellation portion at the border between the preceding and succeeding regions; a resample configured to resample, by interpolation, the retransform for preceding region and/or the retransform for the succeeding region at the aliasing cancellation portion according to a sample rate change at the border; and a combiner configured to perform aliasing cancellation between the retransforms for the preceding and succeeding regions as obtained by the resampling at the aliasing cancellation portion.



PCT

- (22) 17/04/2012
- (21) 0665/2012
- (44) January 2018
- (45) 06/05/2018
- (11) 28706

(51)	Int. Cl. ⁸ G10L 19/00
(71)	1. FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN
, ,	2. FORSCHUNG E.V. (GERMANY)
	3.
(72)	1. TERENTIEV, Leon
, ,	2. HERRE, Jurgen
	3. FALCH, Cornelia
(73)	1.
` /	2.
(30)	1. (US) 09306017.6 - 16-10-2009
	2. (US) 10171459.0 - 30-07-2010
	3. (US) 61/369,256 - 30-07-2010
	4. (PCT/EP2010/065503) - 15-10-2010
(74)	NAHED WADIH RIZK
(12)	Patent

(54) APPARATUS AND METHOD FOR PROVIDING ONE OR MORE
ADJUSTED PARAMETERS FOR PROVISION OF AN UPMIX
SIGNAL REPRESENTATION ON THE BASK OF A DOWNMIX
SIGNAL REPRESENTATION AND A PARAMETRIC SIDE
INFORMATION ASSOCIATED WITH THE DOWNMIX SIGNAL
REPRESENTATION, USING AN AVERAGE VALUE

Patent Period Started From 15/10/2010 and Will end on 14/10/2030

(57) An apparatus for providing one or more adjusted parameters for a provision of an upmix signal representation on the basis of a downmix signal representation and a parametric side information associated with the downmix signal representation comprises a parameter adjuster. The parameter adjuster is configured to receive one or more parameters and to provide, on the basis thereof, one or more adjusted parameters. The parameter adjuster is configured to provide the one or more adjusted parameters in dependence on an average value of a plurality of parameter values, such that a distortion of the upmix signal representation caused by the use of non-optimal parameters is reduced at least for parameters deviating from optimal parameters by more than a predetermined deviation.



PCT

(22) 05/06/2016

(21) | 0938/2016

(44) January 2018

(45) 06/05/2018

(11) 28707

(51)	Int. Cl. 8 C08J 3/02, 3/09, 3/24 & C08K 5/00, 5/06, 5/14, 5/521
(71)	1. AKZO NOBEL CHEMICALS INTERNATIONAL B.V 2.
	3.
(72)	1. VAN DEN BERG, Michel
, ,	2. TALMA, Auke Gerardus
	3.
(73)	1.
	2.
(30)	1. (EP) 13196803.4 - 12-12-2013
(/	2. (PCT/EP2014/076949) - 09-12-2014
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) METHOD FOR CURING A RADICALLY CURABLE RESIN Patent Period Started From 09/12/2014 and Will end on 08/12/2034

(57) Method for curing a radically curable resin by adding to said resin an organic peroxide and a metal-bearing polymer, said metal-bearing polymer comprising functional groups that coordinate to a metal selected from the group consisting of Cu, Mn, Fe, and V and form a complex together with said metal and a complexing agent.



PCT

- (22) 20/03/2013
- (21) 0463/2013
- (44) January 2018
- (45) 06/05/2018
- (11) 28708

(51)	Int. Cl. ⁸ G21G 1/08, 1/00
(71)	 MALLINCKRODT nuclear medicine LLC. (UNITED STATES OF AMERICA) 3.
(72)	1. BARBOSA, Luis, A.M.M 2. 3.
(73)	1. 2.
(30)	1. (BG) 1016935.7 - 07-10-2010 2. (PCT/US2011/055041) - 06-10-2011 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) PROCESS FOR EXTRACTING CS-137 FROM AN ACIDIC SOLUTION Patent Period Started From 06/12/2011 and Will end on 05/12/2031

- (57) A process for extracting Cs-137 from
 - i) an acidic solution obtained by dissolving an irradiated solid target comprising uranium,
 - ii) an acidic solution comprising uranium which has previously been irradiated in a nuclear reactor, or
 - iii) an acidic solution comprising uranium which has been used as reactor fuel in a homogeneous reactor, the acidic solution i), ii) or iii) having been treated to harvest Mo-99, wherein the process comprises contacting the treated acidic solution with an adsorbent comprising ammonium molybdophosphate (AMP). In an embodiment, the AMP is combined with an organic or inorganic polymeric support, for example AMP synthesised within hollow aluminosilicate microspheres (AMP-C).



PCT

- (22) 23/01/2013
- (21) 0131/2013
- (44) November 2017
- (45) 06/05/2018
- (11) 28709

(51)	Int. Cl. 8 B60C 9/00, 9/20
(71)	1. PIRELLI TYRE S.P.A. (ITALY) 2. 3.
(72)	 ASCANELLI, Alessandro DAGHINI, Guido Luigi CEREDA, Giuseppe 4. BREGANTIM, Alexandre 4. BREGANTIM, Alexandre
(73)	1. 2.
(30)	1. (IT) MI2010A001524 - 06-08-2010 2. (US) 61/380,902 - 08-09-2010 3. (PCT/IB2011/053457) - 03-08-2011
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) TYRE FOR WHEELS OF HEAVY TRANSPORT VEHICLES Patent Period Started From 03/08/2011 and Will end on 29/08/2031

(57) A tyre comprising a carcass structure comprising at least one carcass ply, a belt structure applied in a radially outer position with respect to said carcass structure and a tread band applied in a radially outer position with respect to said belt structure is described. The belt structure comprises at least one reinforcing strip incorporating a plurality of reinforcing elements arranged substantially in the circumferential direction. The reinforcing elements comprise at least one high - elongation metal cord. The metal cord comprises a plurality (m) of intertwined strands and each strand comprises a plurality (n) of filaments. Advantageously all the filaments of each strand have a diameter not greater than 0.175 mm.



PCT

- (22) 22/01/2015
- (21) 0111/2015
- (44) November 2017
- (45) 06/05/2018
- (11) 28710

(51)	Int. Cl. 8 A01N 43/40
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	 YERKES, CARLA,N MANN, Richard, K 3.
(73)	1. 2.
(30)	1. (US) 675,056/61 - 24-07-2012 2. (US) 833,315/13 - 15-03-2013 3. (PCT/US2013/051307) - 19-07-2012
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID

Patent Period Started From 19/07/2012 and Will end on 18/07/2032

(57) Provided herein are synergistic herbicidal compositions containing (a) a compound of formula (I): 4-amino-3-chloro-5-fluoro-6-(4-chloro-2-fluoro-3-methoxyphenyl)pyridine-2-carboxylic acid or a derivative thereof, or an agriculturally acceptable salt or ester thereof and (b) clomazone. The compositions and methods provided herein control undesirable vegetation, e.g., in direct-seeded, water-seeded and transplanted rice, cereals, wheat, barley, oats, rye, sorghum, com/maize, sugarcane, sunflower, oilseed rape, canola, sugar beet, soybean, cotton, pineapple, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, aquatics, plantation crops, vegetables, industrial vegetation management (IVM) and rights of way (ROW).



PCT

- (22) 09/07/2014
- (21) 1142/2014
- (44) November 2017
- (45) 06/05/2018
- (11) 28711

(51)	Int. Cl. 8 A01N 43/88, 57/08 & A01P 15/00
(71)	 DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 3.
(72)	 MANN, Richard K NGUYEN, Lap HUANG, Yi-hsiou
(73)	1. 2.
(30)	1. (US) 61/585.844 - 12-01-2012 2. (PCTUS2013/020993) - 10-01-2013 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) HERBICIDAL COMPOSITIONS CONTAINING BENTAZON AND ALS INHIBITOR AND ACCASE INHIBITOR

Patent Period Started From 10/01/2013 and Will end on 09/01/2033

(57) Herbicidal compositions comprising (a) bentazon-sodium and (b) an ALS inhibitor and (c) an ACCase inhibitor controls susceptible and resistant weeds in crops, e.g., rice, wheat, barley, oats, rye, sorghum, corn/maize, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards and IVM, but also additionally in ALS and ACC'ase tolerant crops.



PCT

- (22) 14/06/2012
- (21) 1102/2012
- (44) November 2017
- (45) 06/05/2018
- (11) 28712

(51)	Int. Cl. 8 H01L 31/0224, 31/0236
(71)	1. VITRO , S. A. B . DE C. V. (Mexico) 2. 3.
(72)	1. LU, Songwei 2. 3.
(73)	1. 2.
(30)	1. (US) 12/643,299 - 21-12-2009 2. (PCT/US2010/059037) - 06-12-2010 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) SILICON THIN FILM SOLAR CELL HAVING IMPROVED HAZE AND METHODS OF MAKING THE SAME

Patent Period Started From 06/12/2010 and Will end on 05/12/2030

(57) A method of increasing the haze of a coating stack having a top layer and an undercoating layer using a chemical vapor deposition coating process includes at least one of: increasing a precursor flow rate; decreasing a carrier gas flow rate; increasing a substrate temperature; increasing a water flow rate; decreasing an exhaust flow rate; and increasing a thickness of at least one of the top layer or undercoating layer.



PCT

- (22) 31/03/2016
- (21) 0560/2016
- (44) November 2017
- (45) 06/05/2018
- (11) 28713

(51)	Int. Cl. 8 G06F 19/00 & G01V 1/28
(71)	1. BP CORPORATION NORTH AMERICA INC (UNITED STATES OF AMERICA) 2. 3.
(72)	 ETGEN, John, Theodore PEREZ, Gabriel ZHOU, Min
(73)	1. 2.
(30)	1. (US) 885,680 / 61 - 02-10-2013 2. (PCT/US2014/058336) - 30-09-2014 3.
(74)	Amr Mofed El Deeb
(12)	Patent

(54) SYSTEM AND METHOD FOR SEISMIC ADAPTIVE OPTICS Patent Period Started From 30/09/2014 and Will end on 29/09/2034

(57) The instant invention is designed to provide an adaptive approach to removing short-period time/phase distortions within a downward-continuation process that is a key component of seismic migration algorithms. Using techniques analogous to residual statics corrections that are used in standard seismic processing, one inventive approach estimates and removes the effects of short wavelength velocity disruptions, thereby creating clearer seismic images of the subsurface of the earth. Additionally, the instant method will provide an updated velocity model that can be used to obtain further image improvement.



PCT

- (22) 02/11/2014
- (21) 1747/2014
- (44) November 2017
- (45) 06/05/2018
- (11) 28714

(51)	Int. Cl. 8 F04B 35/04, 5/02, 39/00
(71)	1. NUOVO PIGNONE SRL (ITALY) 2. 3.
(72)	 TOGNARELLI, Leonardo BAGAGLI, Riccardo 3.
(73)	1. 2.
(30)	1. (IT) CO2012A000028 - 16-05-2012 2. (PCT/EP2013/059709) - 10-05-2013 3.
(74)	Amr Mofed El Deeb
(12)	Patent

(54) ELECTROMAGNETIC ACTUATOR FOR A RECIPROCATING COMPRESSOR

Patent Period Started From 10/05/2013 and Will end on 09/05/2033

(57) A compressor includes a pair of opposed pistons disposed in a housing and defining a compression chamber. An electromagnetic actuator reciprocatedly drives the pistons within the housing in cooperation with force accumulator. The force accumulators bank the force during a first reciprocation, decelerating the pistons, and apply the force in a subsequent reciprocation, thereby accelerating the pistons. In one embodiment, two electromagnetic actuators drive the compression pistons. In another embodiment, a single electromagnetic actuator drives the compression pistons. A system and method of operation are disclosed.



PCT

- (22) 08/06/2014
- (21) 0986/2014
- (44) November 2017
- (45) 06/05/2018
- (11) 28715

(51)	Int. Cl. 8 A61K 9/28, 9/16, 9/14, 47/30	
(71)	1. SCHLUMBERGER TECHNOLOGY B.V. (Netherland) 2. 3.	
(72)	1. ZHU, S. Sherry 2. MAHESHWARI, Sudeep 3. TASHIRO, Hitoshi	4. TU, Huilin
(73)	1. 2.	
(30)	1. (US) 61/631·184 - 28-12-2011 2. (PCT/US2012/071166) - 21-12-2012 3.	
(74)	OFFICE DIB LAWYERS	
(12)	Patent	

(54) DEGRADABLE COMPOSITE MATERIALS AND USES Patent Period Started From 21/12/2012 and Will end on 20/12/2032

(57) In general, the current application relates to degradable composite and blend materials that have accelerated degradation in water in low temperature conditions, and their various industrial, medical and consumer product uses. In some embodiments, the degradable composite composition comprises a degradable polymer mixed with discrete particles of a filler that acts to accelerate the degradation of the degradable polymer. Such materials degrade in 60C water in less than 30 days, <14 days, and even <7days. Various materials are provided that can degrade equally fast at lower temperatures, such as 50C, or even 40C.



PCT

- (22) 28/07/2016
- (21) 0254/2016
- (44) January 2018
- (45) 06/05/2018
- **(11)** | **28716**

(51)	Int. Cl. 8 C03C 13/00, 3/04	
(71)	 Jushi Group Co., Ltd (CHINA) 3. 	
(72)	1. CAO, Guorong 2. XING, Wenzhong 3. ZHANG, Lin	
(73)	1. 2.	
(30)	1. (PCT/CN2015/071153)-20-01-2015 2. 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) GLASS FIBER COMPOSITION AND GLASS FIBER AND COMPOSITE MATERIAL THEREOF Patent Period Started From 20/01/2015 and Will end on 19/01/2035

(57) A glass fiber composition, and glass fiber and composite material thereof are provided in the present invention. The content, given in weight percentage, of each component contained in the glass fiber composition is as follows: 58-64% SiO2, 14-19% Al2O3, at least 8.8% but less than 11.8% CaO, 7.5-11% MgO, 0.2-2.7% SrO, 0.1-2% Na2O+K2O, 0.05-0.9% Li2O, 0.05-1% Fe2O3, 0.05-1.1% TiO2, less than 0.5% F2; the weight percentage of the ratio C1 of (MgO+SrO)/CaO is 0.75%-1.1%; and the weight percentage of the ratio C2 of CaO/MgO is less than 1.4% The composition effectively controls the crystallization tendency of the glass, greatly reducing the liquidus temperature and the degree of crystallization thereof. The invention also has an outstanding glass refractive index and modulus.



PCT

- (22) 24/03/2014
- (21) 0458/2014
- (44) December 2017
- (45) 06/05/2018
- (11) 28717

(51)	Int. Cl. 8 E02D 29/02 & E04B 2/84
(71)	 GARZON, Maurice GARZON, Lavih
(72)	 GARZON, Maurice GARZON, Lavih Wanner of the control of th
(73)	1. 2.
(30)	1. (US) 61/539,547 - 27-09-2011 2. (US) 61/611,085 - 15-03-2012 3. (PCT/CA2012/050676) - 27-09-2012
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) RETAINING WALL CONSTRUCTION USING SITE COMPACTION AND EXCAVATION Patent Period Started From 27/09/2012 and Will end on 26/09/2032

(57) A method for forming a cementitious retaining wall is described. The method includes the step of defining on an earth surface an outline of the wall to be formed. The outline delimits an area of earth to be excavated. The method also includes the step of compacting the area. After compaction, the earth underneath and adjacent to the area is densified, which provides stability to the earth during excavation and after the wall is formed. The method also includes the step of excavating the earth from the area compacted to an initial depth, thereby creating a wall cavity. The method further includes the step of compacting the bottom surface of the wall cavity and subsequently excavating the earth from the compacted bottom surface. This step can be repeated as much as required, under a final depth of the wall cavity is reached. Once the final depth is reached, the wall cavity can be filled at least partially a cementitious material so as to form the retaining wall.



PCT

- (22) 30/01/2012
- (21) 0162/2012
- (44) May 2017
- (45) 06/05/2018
- (11) 28718

(51)	Int. Cl. 8 A37L 9/28
(71)	1. TOSHIBA HOME APPLIANCES CORPORATION
(, =)	2. TOSHIBA CONSUMER ELECTRONICS HOLDINGS CORPORATION
	3. KABUSHIKI KAISKA TOSHIBA (JAPAN)
(72)	1. HOSHINO Susumu
, ,	2.
	3.
(73)	1.
. ,	2.
(30)	1. (JP) 2009-180019 - 31-07-2009
()	2. (PCT/JP2010/062496) - 26-07-2010
	3.
(74)	SMAS
(12)	Patent

(54) ELECTRIC CLEANER AND METHOD FOR ADJUSTING SAME Patent Period Started From 26/07/2010 and Will end on 25/07/2030

(57) An electric cleaner comprises: a cleaner body for containing electric air blowers and provided with a dust collection bag located on the suction side of the electric air blowers; a display means; and a control means capable of selecting, according to predetermined conditions, an electric blower to be operated. When the volume of airflow when the electric air blower is being operated is less than or equal to a first predetermined volume of airflow, the control means causes the display means to display that the dust collection bag is clogged. When the volume of airflow when the electric air blower is being operated is less than or equal to a second predetermined volume of airflow, the control means reduces the power of the electric air blower.



PCT

- (22) 19/05/2015
- (21) 0779/2015
- (44) January 2018
- (45) 06/05/2018
- (11) 28719

(51)	Int. Cl. 8 C02F 1/46, 1/48, 1/42, 5/00
(71)	 AANENSEN, Ove T. (NORWAY) VALAND, Dag Arild (GERMANY) 3.
(72)	 AANENSEN, Ove T. VALAND, Dag Arild 3.
(73)	1. 2.
(30)	1. (US) 13/683,212 - 21-11-2012 2. (PCT/EP2013/003523) - 21-11-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) APPARATUS AND METHOD FOR WATER TREATMENT MAINLY BY SUBSTITUTION USING A DYNAMIC ELECTRIC FIELD

Patent Period Started From 21/11/2013 and Will end on 20/11/2033

(57) An apparatus, method, process, and system for the treatment of a water stream are provided. Such apparatus, method, process, and system characterized by applying a voltage to a pair of electrodes to generate an electric field with such electric field applied across a water stream passing there between the pair of electrodes. At least one of the pair of electrodes comprises a metal, and one or more of a plurality of positively charged ions in the water stream are substituted with one or more positively charged ions of the metal. Additionally, one or more of a plurality of negatively charged ions may react with the one or more positively charge ions of the metal to form an ionic compound. One or more of any remaining of the plurality of positively charged ions may reaction with another one or more of the plurality of negatively charged ions.



PCT

- (22) 14/07/2014
- (21) 1166/2014
- (44) November 2017
- (45) 06/05/2018
- **(11)** | **28720**

(51)	Int. Cl. ⁸ F24F 1/18, 1/16, 1/38
(71)	 Sharp Kabushiki Kaisha (JAPAN) 3.
(72)	1. TAKEDA, Yasukata 2. 3.
(73)	1. 2.
(30)	1. (JP) 2012-006940 - 17-01-2012 2. (PCT/JP2012/082034)- 11-12-2012 3.
(74)	SONYA FAEK FARAG
(12)	Patent

(54) OUTDOOR UNIT FOR AIR CONDITIONER Patent Period Started From 11/12/2012 and Will end on 10/12/2032

(57) An outdoor unit for an air conditioner is provided with a suction section through which air is introduced, a heat exchanger which has a flat plate-shaped heat exchange section and which allows the heat exchange section to exchange heat between a refrigerant and the air which has been introduced through the suction section, an air blower which has a propeller fan disposed so as to face the heat exchange section and which forms an air current flowing from the suction section toward the heat exchanger, and a blowing section which delivers the air having been subjected to the heat exchange by the heat exchanger. When the heat exchanger is viewed from the direction of the rotation axis of the propeller fan, the heat exchange section has a substantially square shape. As a result of this configuration, the outdoor unit for an air conditioner has excellent energy saving characteristics and resource saving characteristics.



PCT

- (22) 16/07/2014
- (21) 1177/2014
- (44) November 2017
- (45) 06/05/2018
- (11) 28721

(51)	Int. Cl. 8 H04W 16/18, 64/00, 24/10
(71)	1. NEC CORPORATION (JAPAN) 2. 3.
(72)	1. FUTAKI Hisashi 2. 3.
(73)	1. 2.
(30)	1. (JP) 2012-009486 - 19-01-2012 2. (PCT/JP2013/050760) - 17-01-2013 3.
(74)	RAGAII EL DEKKI & PARTNERS
(12)	Patent

(54) WIRELESS COMMUNICATION SYSTEM, WIRELESS STATION, WIRELESS TERMINAL, NETWORK OPERATION MANAGEMENT DEVICE, AND COMMUNICATION QUALITY CONFIRMATION METHOD

Patent Period Started From 17/01/2013 and Will end on 16/01/2033

(57) The present invention is a radio communication system having quality measurement means configured to execute quality measurement related to a service quality in communication between a radio terminal and a radio station, and information collection means configured to collect information related to a location of the radio terminal to be a target for the quality measurement, the radio communication system comprising: means configured to associate the information related to the location of the radio terminal when a predetermined condition is satisfied in an execution period of the quality measurement with results of the quality measurement

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PCT

- (22) 28/12/2014
- (21) 2088/2014
- (44) November 2017
- (45) 08/05/2018
- (11) 28722

(51)	Int. Cl. ⁸ A61B 10/02 & C12M 1/26
(71)	1. DNA RESEARCH CENTRE (M) SDN BHD. (Malaysia) 2. 3.
(72)	1. CHIN-LY, Cindy Lim 2. 3.
(73)	1. 2.
(30)	1. (PCT/MY2013/000181) - 14-10-2013 2. 3.
(74)	WAGDY N. AZIZ
(12)	Patent

(54) EXOCERVICAL AND ENDOCERVICAL CELL SAMPLING DEVICE

Patent Period Started From 14/10/2013 and Will end on 10/0/2033

(57) A cervical cells sampling device comprises a tubular sleeve with a first opening and an opposing second opening; an elongate rod having a retractable part with a mounting tip enclosed within the sleeve and a handle section extending out from the sleeve through the second opening; a cell collecting construct with a resilient sheath being stretched to cap onto the mounting tip of the rod and the stretched resilient sheath is in a constant contracting state that the cell collecting construct and portion of the retractable part are allowed to project out or retract into sleeve through the first opening by moving the handle section; and a stripping member fabricated within the sleeve being fashioned to detach the resilient sheath from the mounting tip upon retracting the retractable part into the sleeve up to a predetermined level, wherein the resilient sheath of the construct resumes original form once detached from the mounting tip and prodding the rod back into the sleeve pushes the construct out of the sleeve.



PCT

- (22) 26/06/2016
- (21) 1088/2016
- (44) December 2017
- (45) 08/05/2018
- (11) 28723

(51)	Int. Cl. 8 C08J 3/22 & F16L 9/12 & C08L 23/06 & C08K 3/04	
(71)	 Abu Dhabi Polymers Company Limited (Borouge) (UNITED ARAB EMAIRATES) DBorealis AG (AUSTRIA) 3. 	
(72)	 DEVECHI, Suleyman BURYAK, Andrey MOTHA, Kshama KUMAR, Ashish 	5. AARILA, Jari 6. HRISTOV, Velichko 7. MARTIN, Sanna 8. BERGMAN, Nicke
(73)	1. 2.	
(30)	1. (EP) 13199824.7 - 30-12-2013 2. (PCT/EP2014/079442) - 30-12-2014 3.	
(74)	NAHID WADI RIZK TARAZI	
(12)	Patent	

(54) POLYMER COMPOSITION COMPRISING CARBON BLACK AND A CARRIER POLYMER FOR THE CARBON BLACK Patent Period Started From 30/12/2014 and Will end on 29/12/2034

(57) A masterbatch (MB) comprising, preferably consisting of, (I) 20-50 wt% pigment based on the total amount of the masterbatch (100 wt%); (II) at least 40 wt% of at least one carrier polymer which is a multimodal high density polyethylene (HDPE) polymer having an MFR2 of 1 to 20 g/ min, a density of 940 to 965 kg/m 3 (pref 950 to 960) and a Mw/Mn of 5.5 to 20; and (IV) optionally further additives.



PCT

- (22) 22/12/2013
- (21) 1952/2013
- (44) January 2018
- (45) 08/05/2018
- (11) 28724

(51)	Int. Cl. 8 H04N 7/26
(71)	1. SONY CORPORATION (JAPAN)
	2.3.
(72)	1. IKEDA Masaru
	2.
	3.
(73)	1.
` ′	2.
(30)	1. (JP) 2011-143461 - 28-06-2011
	2. (JP) 2011-240550 - 01-11-2011
	3. (JP) 2011-243839 - 07-11-2011
	4. (JP) 2012-009326 - 19-01-2012
	5. (PCT/JP2012/063606) - 28-05-2012
(74)	NAHED WADIH RIZK
(12)	Patent

(54) IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD

Patent Period Started From 28/05/2012 and Will end on 27/05/2032

(57) The present technology relates to an image processing device and an image processing method by which filtering can be appropriately performed in a deblocking filtering process. The value of a pixel (p0i) which is 255 (solid line) prior to a deblocking process changes greatly after a conventional deblocking process, becoming 159 (dotted line). Therefore, a clipping process with a clipping value of 10 is performed in strong filtering, and thereby, the value of the pixel (p0i) which is 255 (solid line) prior to the deblocking process becomes 245 (thick line), and the conventional large change in pixel values can be reduced to a minimum. The disclosure can be applied to, for example, an image processing device.



PCT

- (22) 27/02/2013
- (21) 0343/2013
- (44) January 2018
- (45) 08/05/2018
- (11) 28725

(51)	Int. Cl. 8 E21B 47/09
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. O'BRIEN, Robert S.
	2.
	3.
(73)	1.
	2.
(30)	1. (US) 12/554,303 - 04-09-2011
(30)	2. (PCT/US2010/046634) - 25-08-2010
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) REDUCED WEAR POSITION INDICATING SUBTERRANEAN TOOL

Patent Period Started From 25/08/2010 and Will end on 24/08/2030

(57) A positioning tool engages a profile with retaining members such as dogs so that a pulling force can be applied for a predetermined time as a signal that the tool is at the proper location. The time delay is a fluid system that drives fluid through a narrow restriction. The restriction is variable to allow unloading of the resistance from the fluid system while the dogs are still adequately supported. As a result the dogs are released from the profile without regional overstressing. A lock can prevent the tool from resetting to limit its use to locating at a single location. The lock holds the hydraulic system in a defeated position so that even if the dogs engage another profile when locked they will immediately exit that profile.



PCT

(22) 09/07/2012

(21) 1237/2012

(44) **January 2018**

(45) 08/05/2018

(11) 28726

(51)	Int. Cl. ⁸ G10L 19/00	
(71)	 FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. (GERMANY) 3. 	
(72)	 FUCHS, Guillaume MULTRUS, Markus RETTELBACH, Nikolaus SUBBARAMAN, Vignesh 	5. WEISS, Oliver6. GAYER, Marc7. WARMBOLD, Patrick9. GRIEBEL, Christian
(73)	1. 2.	
(30)	1. (US) 61/294,357 - 12-01-2010 2. (PCT/EP2011/050273)- 11-01-2011 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54)	AUDIO ENCODER, AUDIO DECODER, METHOD FOR ENCODING AND AUDIO
,	INFORMATION, METHOD FOR DECODING AN AUDIO INFORMATION AND COMPUTER
	PROGRAM USING A MODIFICATION OF A NUMBER REPRESENTATION OF A
	NUMERIC PREVIOUS CONTEXT VALUE

Patent Period Started From 11/01/2011 and Will end on 10/01/2031

(57) An audio decoder for providing a decoded audio information on the basis of an encoded audio information comprises an arithmetic decoder for providing a plurality of decoded spectral values on the basis of an arithmetically-encoded representation of the spectral values and a frequency-domain-to-time-domain converter for providing a timedomain audio representation using the decoded spectral values, in order to obtain the decoded audio information. The arithmetic decoder is configured to select a mapping rule describing a mapping of a code value onto a symbol code in dependence on a context state described by a numeric current context value. The arithmetic decoder is configured to determine the numeric current context value in dependence on a plurality of previously-decoded spectral values. The arithmetic decoder is also configured to modify a number representation of a numeric previous context value, describing a context state associated with one or more previously decoded spectral values, in dependence on a context subregion value, to obtain a number representation of a numeric current context value describing a context state associated with one or more spectral values to be decoded. An audio encoder uses a similar concept.



PCT

- (22) 12/04/2012
- (21) 0688/2012
- (44) January 2018
- (45) 08/05/2018
- **(11)** | **28727**

(51)	Int. Cl. ⁸ G10L 19/00	
(71)	 FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. (GERMANY) 3. 	
(72)	 FUCHS, Guillaume GEIGER, RALE GRILL,BERNHARD 	4. MULTRUS, Markus
(73)	1. 2.	
(30)	1. (US) 61/253.459 - 20-10-2009 2. (PCT/EP2010/065725) - 19-10-2010 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) AUDIO ENCODER, AUDIO DECODER, METHOD FOR ENCODING AN AUDIO INFORMATION, METHOD FOR DECODING AN AUDIO INFORMATION AND COMPUTER PROGRAM USING A DETECTION OF A GROUP OF PREVIOUSLY-DECODED SPECTRAL VALUES

Patent Period Started From 19/10/2010 and Will end on 18/10/2030 (57) An audio decoder for providing a decoded audio information on the basis of an encoded audio information comprises a arithmetic decoder for providing a plurality of decoded spectral values on the basis of an arithmetically-encoded representation of the spectral values and a frequency-domain-to-time-domain converter for providing a time-domain audio representation using the decoded spectral values, in order to obtain the decoded audio information. The arithmetic decoder is configured to select a mapping rule describing a mapping of a code value onto a symbol code in dependence on a context state. The arithmetic decoder is configured to determine or modify the current context state in dependence on a plurality of previously-decoded spectral values. The arithmetic decoder is configured to detect a group of a plurality of previouslydecoded spectral values, which fulfill, individually or taken together, a predetermined condition regarding their magnitudes, and to determine the current context state in dependence on a result of the detection. An audio encoder uses similar principles.



PCT

- (22) 03/04/2013
- (21) 0544/2013D1
- (44) November 2017
- (45) 08/05/2018
- (11) | 28728

(51)	Int. Cl. 8 E21B 17/01,33/038, 36/00, 43,0	013 & E02D 27/04
(71)	 BP CORPORATION NORTH AMERICA INC (UNITED STATES OF AMERICA) BP EXPLORATION OBERATING COMPANY LIMITED 	
(72)	 SHILLING, Roy GULGOWSKI, Paul, W MAULE, Philip, D. KENNELLEY, Kevin GREENE, Walter THETHI, Ricky FRANKLIN, Robert, W. 	8. CORSO, Vicki 9. OLDFIELD, Tony 10. BALLARD, Adam, L. 11. STEELE, Graeme 12. WILKINSON, David 13. NGUYEN, Chau 14. HATTON, Steve
(73)	1. 2.	
(30)	1. (US) 61/392,443 - 12-10-2010 2. (US) 61/392,899 - 13-10-2010 3. (US) 13/156,224 - 08-06-2011 4. (PCT/US2011/055695) - 11-10-2011	
(74)	ABD ELHADI OFFICE	
(12)	Patent	

(54) MARINE SUBSEA FREE-STANDING RISER SYSTEMS AND METHODS Patent Period Started From 11/10/2011 and Will end on 10/10/2031

(57) A free-standing riser system connects a subsea source to a surface structure. The system includes a concentric free-standing riser comprising inner and outer risers defining an annulus there between. A lower end of the riser is fiuidly coupled to the subsea source through a lower riser assembly (LRA) and one or more subsea flexible conduits. An upper end of the riser is connected to a buoyancy assembly and the surface structure through an upper riser assembly (URA) and one or more upper flexible conduits, the riser also mechanically connected to a buoyancy assembly that applies upward tension to the riser. The riser may be insulated for flow assurance, either by a flow assurance fluid in the annulus, insulation of the outside of the outer riser, or both. The system may include a hydrate inhibition system and/or a subsea dispersant system. The surface structure may be dynamically positioned.



PCT

- (22) 11/12/2012
- (21) 2047/2012
- (44) January 2018
- (45) 09/05/2018
- (11) 28729

(51)	Int. Cl. 8 H04L 1/00, 5/00 & H04W 48/16
(71)	1. TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (SWEDEN) 2. 3.
(72)	 BALDEMAIR, Robert S?GFORS, Mats
(73)	1. 2.
(30)	1. (US) 61/356,726 - 21-06-2010 2. (PCT/SE2010/051055) - 01-10-2010 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) METHOD AND ARRANGEMENT FOR SIGNALING OF PARAMETERS IN A WIRELESS NETWORK Patent Period Started From 01/10/2010 and Will end on 30/19/2030

(57) According to some embodiments, a method in a user equipment is provided. According to the method, the user equipment receives, over a first cell configured on a carrier frequency, at least one parameter associated with a second cell configured on a carrier frequency. The at least one parameter comprises a cell identity. The user equipment then derives at least one physical layer characteristic for the second cell based on the received at least one parameter. Thereby, the user equipment is able to receive transmissions over the second cell, even if it could not initially detect the presence of the cell.



PCT

- (22) 06/08/2013
- (21) | 1281/2013
- (44) November 2017
- (45) 13/05/2018
- (11) 28730

(51)	Int. Cl. 8 A01N 47/28 & A61K 31/17	
(71)	1. DOW AGROSCIENCES LLC (UNIT 2. 3.	TED STATES OF AMERICA)
(72)	1. CROUSE, Gary D 2. LAMBERT, William Thomas 3. SPARKS, Thomas C	4. HEGDE, Vidyadhar B
(73)	1. 2.	
(30)	1. (US) 61/440,910 - 09-02-2011 2. (PCT/US2012/024217) - 08-02-2012 3.	
(74)	ABD ELHADI OFFICE	
(12)	Patent	

(54) PESTICIDAL COMPOSITIONS AND PROCESSES RELATED THERETO

Patent Period Started From 08/02/2012 and Will end on 07/02/2032

(57) This document discloses pesticidal compostions comprising molecules having the following formulas, One, Two, Three or Formula Four and processes related thereto.

Ar₁ Het
$$Ar_2$$
 R_1 R_3 R_4 R_5 R_6 R_7 R_7 R_7 R_8 R_9 R_9



PCT

- (22) 22/10/2006
- (21) 1013/2006
- (44) December 2017
- (45) 13/05/2018
- (11) 28731

(51)	Int. Cl. 8 C12N 5/10, 9/68, 15/57
(71)	1. GRIFOLS THERAPAPEUTICS INC (UNITED STATES OF AMERICA)
(, -)	2.
	3.
(72)	1. HUNT, Jennifer, Audrey NOVOKHATNY, Valery
()	2.
	3.
(73)	1.
(-)	2.
(30)	1. (US) 60/564,472 - 22-04-2004
(0 0)	2. (PCT/US2005/013562) - 21-04-2005
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	RECOMBINANT DELTA PLASMIN
	Patent Period Started From 21/04/2005 and Will end on 20/04/2025

(57) Polypeptides relating to a recombinantly-modified plasmin(ogen) molecule are provided. The plasmin(ogen) molecule has a single kringle domain nterminal to the activation site present in the native human plasminogen molecule, and exhibits lysine-binding and significant enzymatic characteristics associated with the native enzyme.



PCT

- (22) 06/08/2013
- (21) 1280/2013
- (44) November 2017
- (45) | 13/05/2018
- (11) 28732

(51)	Int. Cl. 8 A01N 25/34	
(71)	1. DOW AGROSCIENCES LLC (UNIT 2. 3.	TED STATES OF AMERICA)
(72)	 CROUSE, Gary D SPARKS, Thomas C 	4. MCLEOD, CaSandra Lee 5. CREEMER, Lawrence C
	3. DENT, William Hunter	5. CREEVIER, Lawrence C
(73)	1. 2.	
(30)	1. (US) 61/440,003 - 07-02-2011	
	2. (PCT/US2012/023932)- 06-02-2012 3.	
(74)	ABD ELHADI OFFICE	
(12)	Patent	

PESTICIDAL COMPOSITIONS AND PROCESSES RELATED THERETO

Patent Period Started From 06/02/2012 and Will end on 05/02/2032

(57) This document discloses molecules having the following formulas ("Formula One" &"Formula Two" and "Formula Three") The Ar1, Het, Ar2, R1, R2, R3, R4, and R5 are further described herein.



PCT

- (22) 04/10/2012
- (21) 1705/2012
- (44) January 2018
- (45) 31/05/2018
- (11) 28733

(51)	Int. Cl. 8 G10L 19/00
(71)	1. DOLBY INTERNATIONAL AB
	2. 3.
(72)	1. PURNHAGEN, Heiko
	2. CARLSSON, Pontus
	3. VILLEMOES, Lars
(73)	1.
(10)	2.
(30)	1. (US) 61/322,458 - 09-04-2011
(00)	2. (PCT/EP2011/055369) - 06-04-2011
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) MDCT-BASED COMPLEX PREDICTION STEREO CODING Patent Period Started From 06/04/2011 and Will end on 05/04/2031

- (57) The invention provides methods and devices for stereo encoding and decoding using complex prediction in the frequency domain. In one embodiment, a decoding method, for obtaining an output stereo signal from an input stereo signal encoded by complex prediction coding and comprising first frequency- domain representations of two input channels, comprises the upmixing steps of:
 - (i) computing a second frequency-domain representation of a first input channel; and
 - (ii) (ii) computing an output channel on the basis of the first and second frequency-domain representations of the first input channel, the first frequency domain representation of the second input channel and a complex prediction coefficient. The method comprises performing frequency-domain modifications selectively before or after upmixing.



PCT

- (22) 21/10/2012
- (21) 1793/2012
- (44) January 2018
- (45) 20/05/2018
- (11) 28734

(51)	Int. Cl. 8 C08G 73/04 & C09D 179/02 & D06M 13/48 & C08J 7/04, 7/18
(71)	1. UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC. (United State of America)
	2.
	3.
(72)	1. DHENDE, Vikram
	2. LOCKLIN, Jason, J.
	3.
(73)	1.
, ,	2.
(30)	1. (US) 61/328,879 - 28-04-2010
	2. (US) 61/370,919 - 05-08-2010
	3. (PCT/US2011/034268) - 28-04-2011
(74)	MAHMOUD RAGAEY ELDEKY
(12)	Patent

(54) PHOTOCHEMICAL CROSS-LINKABLE POLYMERS, METHODS OF MARKING MARKING SAME AND USE OF SAME IN DECREASING MICROORGANISM ON STRUCTURE AND THE LIKE

Patent Period Started From 28/04/2011 and Will end on 07/04/2031

(57) Polymer compositions, methods of making same, structures having the polymer composition covalently bonded to the surface of the structure, methods of attaching the polymer to the surface of the structure, methods of decreasing the amount of microorganisms formed on a structure, and the like, are disclosed.



PCT

- (22) 26/05/2013
- (21) 0896/2013
- (44) February 2018
- (45) 21/05/2018
- (11) 28735

(51)	Int. Cl. 8 E20B 3/00, 7/00
(71)	1. ESMAIIL HAMAD ABD EL ALL SAAD (EGYPT) 2.
	3.
(72)	1. ESMAIL HAMAD ABD EL ALL SAAD
	2.
	3.
(73)	1.
	2.
(30)	1.
(/	2.
	3.
(74)	
(12)	Patent

(54) Rotary gate for saving the Nile water which waste in the Mediterranean sea. Patent Period Started From 26/05/2013 and Will end on 25/05/2033

(57) This invention relates to the designation, and as in the attached drawing sheets:

A rotary gate trilateral arms each arm connected with the rotating tower by 2 trunion pins for the flexible movement with waves.

Each arm consists of an iron chassis and its body made of wood. In its middle there is a sliding door for the emergency.

The rotating tower will be beared on a concrete column and consists of a rotary part rotates by electrical motor and manual with a planetary gearbox above a cylindrical iron fixed block.

The rotation of such gate will allow the freedom of the navigation of the ships with achieving a permanent separation between the Nile water and the Mediterranean sea water to be never mix.

The gate arms can be fully open by lifting bout the axis of the connected hinges



PCT

- (22) 01/09/2014
- (21) | 1393/2014
- (44) | February 2018
- (45) 21/05/2018
- (11) | 28736

(51)	Int. Cl. 8 A61G 7/10
(71)	1. TAHA ABD ELHADY SAYED AHMED SHOEIR (EGYPT) 2. 3.
(72)	1. TAHA ABD ELHADY SAYED AHMED SHOEIR 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	Patent

(54) A MEDICAL BED USED FOR PATIENTS WHO ARE UNABLE TO MOVE IN ORDER TO

Patent Period Started From 01/09/2014 and Will end on 13/08/2034

(57) The present invention relates to a metal bed used for patients who are unable to move. It is composed of 26 parts, each 13 parts thereof are moving all together upwards and downwards. When it is in the upper direction, it is carrying the patient, and when it is in the lower direction, the other parts are in the upper direction carrying the patient. The movement of these parts is repeated in order to renew the air under the patient. Therefore, the formation of bedsores is prevented. The moving parts are consisting of two groups, one of them is connected to the right horizontal bar of the bed, the other one is connected to the left bar thereof. These bars are connected to electric engine and decelerator in order to perform the movement of the previous parts. The movement of the parts is performed according to the desire of the bed users and the physician instructions. The maintenance of the parts and the required cleaning process are carried out with no need for the patient to leave the bed. The maintenance of the parts in the right moving group is carried out in case the left group is carrying the patient and when it is in the upper horizontal position of the bed. The maintenance of the left group is performed in the same manner and mutually between the two groups.



PCT

- (22) 18/02/2013
- (21) 0273/2013
- (44) February 2018
- (45) 21/05/2018
- (11) 28737

(51)	Int. Cl. 8 B65F 1/12, 1/14, 1/16
(71)	1. ASAAD IBRAHEM GAAFAR (EGYPT)
	2.
	3.
(72)	1. ASAAD IBRAHEM GAAFAR
	2.
	3.
(73)	1.
. ,	2.
(30)	1.
(/	2.
	3.
(74)	
(12)	Patent

(54)	SMART BASKET
	Patent Period Started From 18/02/2013 and Will end on 07/02/2033

(57) Which is a shared channel extending from the building top to bottom is divided inside into several section for the role that is affordable apartment owner puts the garbage and finishing and renovation then collector garbage open basket from the bottom without entering the building originally, as well as case in the remnants of finishing and renovation, and the basket private buildings vertical no matter how many floors and this is the new and innovative to resolve this problem.



PCT

- (22) 19/07/2012
- (21) 1287/2012
- (44) | February 2018
- (45) 21/05/2018
- (11) 28738

(51)	Int. Cl. 8 G01V 7/00
(71)	1. AHMED HAMDI ABDO ABDO (EGYPT) 2. 3.
(72)	1. AHMED HAMDI ABDO ABDO 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	Patent

(54) OBSERVATORY FOR DETECTING GRAVITATIONAL WAVES Patent Period Started From 19/07/2012 and Will end on 18/07/2032

(57) The invention relates to a space observatory for detecting gravitational waves in vacuum. In other words, it is a device for detecting changes in electromagnetic waves in vacuum originating as a result of the motion of celestial objects by two magnetic poles having the same mass and volume. The device detected gravitational waves originating as a result of the orbit of the moon around the earth, passage of meteoroids near the earth, and solar storms, whereby it confirmed a change in the magnetic gravitational energy of the two poles with the change in the energy of gravitational waves in vacuum.



PCT

- (22) 31/12/2015
- (21) 2077/2015
- (44) February 2018
- (45) 22/05/2018
- (11) 28739

(51)	Int. Cl. 8 A01D82/02 & A01F11/00 & A61K9/68
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	 ZAKARIA FOUAD FAWZY HASSAN SHAYMAA ISMAIEL SHEDEED 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	MAGDA MOHASEB EL-SAID
(12)	Patent

(54) AN AGRICULTURAL FORMULA TO INCREASE PRODUCTIVITY AND IMMUNITY OF HORTICULTURAL AND FIELD CROPS

Patent Period Started From 31/12/2015 and Will end on 30/12/2035

(57) The present invention is concerned with a natural agricultural composition to increase the productivity and immunity of horticultural and field crops. The agricultural compound is composed of bee gum, " propylase" humic.acid, salicylic acid, amino acids, neem extract and garlic extract.



PCT

- (22) 31/03/2013
- (21) 0532/2013
- (44) February 2018
- (45) 22/05/2018
- (11) 28740

(51)	Int. Cl. 8 B65D 39/00
(71)	1. YEHYA AHMED ABD ELHALIM ABOU ELKASSEM (EGYPT) 2. 3.
(72)	1. YEHYA AHMED ABD ELHALIM ABOU ELKASSEM 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	Potent.
(12)	Patent

(54)	SPARE TABH TO FINISHING
	Patent Period Started From 31/03/2013 and Will end on30/03/2033

(57) Tabh with vacuum for finishing and used in homes and architectural structures when finishing internal in bathrooms and kitchens and connecting pipes to the presence cavity or void, which is inside the container, which contains Tabh is shaped Cup reasoned vacuum around water outlets in the walls when removed and installed the same way Tabh existing.



PCT

- (22) 25/05/2015
- (21) 0817/2015
- (44) | February 2018
- (45) 21/05/2018
- **(11)** | **28741**

(51)	Int. Cl. 8 B01J 23/10, 35/02 & C01F 17/00
(71)	1. EGYPTIAN PETROLEUM RESEARCH INSTITUTE (EPRI) (EGYPT) 2. 3.
(72)	 HEBA MAHMOUD ABDEL RAZIK GOBARA KARAM MOHAMED HASHEM MOHAMED SALAH ABDOU HASSAN WAEL AHMED ABOUTALEB SAYED SOHAIR AYAD HENIEN
(73)	1. 2.
(30)	1. 2. 3.
(74)	KHALID ALI ABDEL-ZAHER
(12)	Patent

(54) A METHOD FOR PREPARING α-Fe₂O₃-CeO₂ NANOCOMPOSITES AS CATALYTIC AGENTS Patent Period Started From 25/05/2015 and Will end on04/05/2035

The present patent deals with a method for preparing of α -Fe₂o₃-Ceo₂ nanocomposites as catalytic agents by a novel route of auto-combustion method at temperatures lower than those previously reported. Dried ceria is prepared at first, where a proper amount of which, relevant to the required weight percentage, is added to the citric acid solution with an efficient stirring at 50-70° c. Ferric nitrate solution of the assigned weight percent is then added drop wise, while stirring is continued at the same temperature till a low density powder is formed which can be dried at 200-250° c for 3 hours. A series of this nanocomposite containing 5, 15, 30, and 50 % Fe₂O₃ was prepared which revealed a pronounced thermal stability in a wide range of applied temperatures, exhibiting highly crystalline nature. The characterization results assured the solidsolution formation for all the Fe-substituted Ceo₂ samples without affecting the fluorite structure of ceria. The adopted auto-combustion method allowed a good control of the chemical composition of the composites with the proper structural and textural characteristics. The as-synthesized nanocomposites were tested in the dehydration of ethanol for production of ethylene. The samples containing 30 wt % fe2o3 and 70 % CeO₂ (Fe₃₀ Ce₇₀) were the most active ones, producing ethylene in a 98 % yield at 450°



PCT

- (22) 15/02/2015
- (21) 0266/2015
- (44) | February 2018
- (45) 21/05/2018
- (11) 28742

(51)	Int. Cl. 8 B01D 29/00
(71)	1. MOHAMED ESSAM ELDIN ADEL MONEM ABDEL RAHMAN (EGYPT)
	2.
	3.
(72)	1. MOHAMED ESSAM ELDIN ADEL MONEM ABDEL RAHMAN
(-)	2.
	3.
(73)	1,
(, 0)	2.
(30)	1,
(50)	2.
	3.
(74)	
(12)	Patent

(54)	WATER TAP FILTER
	Patent Period Started From 15/02/2015 and Will end on 14/02/2035

(57) This invention relates to a drinking water filter that is used to purify water and make it drinkable from all water taps directly to the body of the filter (without hose or pipes), it is a plastic water filter that drops water directly for use and does not become stagnant within and without the interaction of its components with each other or with water and is replaced within two to three months or after the passage of a cubic meter of water within it. Water passes through the filter on several chemical stages that remove lingering impurities in the water such as solids, sand, dust and rust in the water and then removal of chlorides and fluorides from water and the killing of live bacteria, microorganisms, viruses and small insects, and adjust the PH of water then dispose of heavy metals so that water retains food and prevents it from absorbing C02 and allows calcium and magnesium, sodium and prevention of harmful heavy salts such as oxidizing iron, copper, zinc, cadmium and other Minerals and toxic compounds. The removal of harmful dissolved compounds in water such as nitrates, nitrite, ammonia and caustic alkaloids, which adversely affect the human body



PCT

- (22) 08/12/2014
- (21) 1978/2014
- (44) February 2018
- (45) 21/05/2018
- (11) 28743

(51)	Int. Cl. 8 C08B8 & 15/04 B32B5/02
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	 Dr. Ayman Taha Abdelaziem EL-Gendi HEBA ABDALLAH MOHAMED Dr. Heba Abdallah Mohamed Abdullah Dr.EIham Elzanati
(73)	1. 2.
(30)	1. 2. 3.
(74)	MAGDA MHASSEB ELSAYED
(12)	Patent

(54) Method for Preparation of hydrophobic membranes from polyethersulfone for Water Desalination by Membrane Distillation Patent Period Started From 08/12/2014 and Will end on 07/12/2034

(57) The current invention relates to method for preparation of hydrophobic membranes from polyethersulfone for water desalination by membrane distillation. The preparation is carried out by dissolving polyethersulfone, polyvinyl pyrrolidone and tetra ethyl orthosilicate in methyl pyrrolidone, then the polymeric solution is cast, washed, dried and stored, that to get membranes has salt rejection percentage reached to 99.7% at temperature 65°C and under vacuum pressure 200 mbar with feed flow rate 14 ml/s at feed concentration 7000 mg/1 and the permeate flux for produced water is 86 Kg/m².h.



PCT

- (22) 25/02/2014
- (21) 0281/2014
- (44) December 2017
- (45) 23/05/2018
- (11) 28744

(51)	Int. Cl. 8 D04H 11/04 & D05C 15/08
(71)	1. CTTEC BVBA () 2.
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(72)	1. ROELENS, Geert
	2. 3.
(73)	1.
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(30)	1. (BG) 2011/0510 - 26-08-2011
	2. (PCT/BE2012/000012) - 08-03-2012
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A METHOD AND DEVICE FOR MANUFACTURING A PILE CARPET

Patent Period Started From 08/03/2012 and Will end on 07/03/2032

(57) The invention relates to a method for manufacturing pile carpet or pile carpet tiles, wherein a pile yarn is connected via a pile thread holder to at least a primary backing, wherein the pile thread holder comprises a plurality of pile thread guide channels which perforate the pile thread holder through two opposite sides, wherein the pile thread holder is provided between a pile thread gripping station on a first perforated side and a primary backing on a second perforated side such that the pile yarn is arranged via the first perforated side through a pile thread guide channel to the second perforated side onto, into or through the backing.



PCT

- (22) 23/10/2014
- (21) 1706/2014
- (44) December 2017
- (45) 23/05/2018
- (11) 28745

(51)	Int. Cl. 8 A61F 13/15, 13/494
(71)	1. UNICHARM CORPORATION (JAPAN)
(71)	2. 3.
(72)	1. SAKAGUCHI Satoru
	2.3.
(73)	1. 2.
(30)	1. (JP) 2012-104156 - 27-04-2012 2. (PCT/JP2013/062240)- 25-04-2013
(74)	3. SAMAR AHMED EL LABBAD
(12)	Patent

(54) DISPOSABLE DIAPER Patent Period Started From 25/04/2013 and Will end on 24/04/2033

(57) In this disposable diaper (10), the length (W1) between the ends of a first leg-encircling opening region (R1) in the product widthwise direction (W) at an intersection point (G) is configured in a manner so as to be shorter than the length between the ends of the first leg-encircling opening region (R1) in the product widthwise direction (W) at a region at the rear torso-encircling region (30) side of the intersection point (G), the length (W2) between the ends of a second leg-encircling opening region (R2) in the product widthwise direction (W) is configured in a manner so as to be the shortest in a predetermined region (R), and the length (W1) of the first region (R1) in the product widthwise direction (W) at the intersection point (G) is configured in a manner so as to be longer than the length (W2) of the second region (R2) in the product widthwise direction (W) in the predetermined region (R).



PCT

- (22) 28/09/2014
- (21) 1542/2014
- (44) December 2017
- (45) 23/05/2018
- (11) | 28746

(51)	Int. Cl. 8 A61F 13/15, 13/49, 13/53
(71)	1. UNICHARM CORPORATION (JAPAN) 2. 3.
(72)	 SAKAGUCHI, Satoru SAWA, Kana Mana
(73)	1. 2.
(30)	1. (JP) 2012-082909 - 30-03-2012 2. (PCT/JP2013/059257) - 28-03-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DISPOSABLE DIAPER Patent Period Started From 28/03/2013 and Will end on 27/03/2033

(57) An absorber of a disposable diaper includes a first region extending from an end 40R at the side of the rear waistline region of the absorber towards a side of the crotch region, and a second region 42 arranged adjacent to the first region at the side of the crotch region from the first region, and having a lower bending rigidity than the first region. The end 75R at the side of the rear waistline region of the leg stretch unit and the end 84R at the side of the rear waistline region of the contracted unit in the leg side stretch unit are arranged at the side of the crotch region from the end 41R at the side of the rear waistline region of the first region, and are also arranged at the side of the rear waistline region from the end 41F at the side of the crotch region of the first region.



PCT

- (22) 11/07/2010
- (21) 1167/2010
- (44) December 2017
- (45) 23/05/2018
- (11) 28747

(51)	Int. Cl. 8 B01D 1/26, 3/06, 3/14& C02F 1/06, 1/04
(71)	1. BABCOCK BORSIG SERVICE GMBH (GERMANY) 2.
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(72)	1. MASSARANI, Aldo
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(73)	1.
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(30)	1. (DE) 10 2008 004 107.6 - 11-01-2008
(/	2. (PCT/EP2009/050257) - 12-01-2009
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD AND DESALINATION OF A SALT WATER UNIT USING MULTI-STAGE FLASH DISTILLATION UNITS BY A STAGE UP-STREAM SYSTEM Patent Period Started From 12/01/2009 and Will end on 11/01/2029

(57) Method and desalination of a salt water unit using multi-stage flash distillation units by a stage up stream system, the method and desalination of salt water unit comprises a brine heater a distillation zone consists of multi-stage flash distillation units and an optional deaerator, wherein the a desalination zone comprises a heat recovery section and a heat rejection section for condensing the brine and winning the distillate, characterized by providing at least one steam recirculation line from at least one stage of the rejection section and/or the heat recovery section for the steam produced to a section or stage up-stream with regard to the flashing brine flow.



PCT

- (22) 20/03/2013
- (21) 0456/2013
- (44) December 2017
- (45) 23/05/2018
- (11) 28748

(51)	Int. Cl. 8 A61M 25/06, 5/32
(71)	1. POLY MEDICURE LIMITED (INDIA)
	2. 3.
(72)	1. BAID, Rishi
	2. 3.
(73)	1.
(30)	2. 1. (IN) 2253/DEL/2010 - 21-09-2010
(30)	2. (PCT/IB2011/054137) - 21-09-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CATHETER ASSEMBLY WITH IMPROVED SAFETY MEANS Patent Period Started From 21/09/2011 and Will end on 20/09/2031

(57) The invention relates to a catheter assembly comprising: a catheter; a catheter hub having a distal section and a proximal section, wherein the distal section is joined to the catheter and the proximal section defines a chamber; a needle extending through the catheter hub and the catheter and defining an axial direction, wherein the needle has opposite proximal and distal ends, the distal end forming a needle tip; a needle hub attached to the proximal end of the needle; and a needle guard slidably arranged on the needle, wherein the needle guard is retained in the chamber of the catheter hub when the needle extends through the catheter hub and the catheter, and wherein the needle guard is removable from the catheter hub once the needle tip is received in the needle guard upon withdrawal of the needle from the catheter.



PCT

- (22) 24/07/2014
- (21) 1224/2014
- (44) December 2017
- (45) 23/05/2018
- (11) 28749

(51)	Int. Cl. ⁸ F16L 1/225	
(71)	1. SAIPEM S.P.A (ITALY) 2. 3.	
(72)	1. BIANCHI, Stefano	4. BRUSCHI, Roberto
	2. LAZZARIN, Diego	5. FORMENTINI, Federico
	3. GAGGIOTTI, Federico	6. SOVILLA, Stefano
(73)	1. 2.	
(30)	1. (IT) MI2012A000101 - 27-01-2012	
(30)	2. (PCT/IB2013/050727) - 28-01-2013	
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(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) ELECTRONIC SYSTEM, METHOD, AND PROGRAM FOR CONTROLLING A ARIABLECONFIGURATION LAY RAMP OF A PIPELINE LAYING VESSEL, TO LAY A PIPELINE ON THE BED OF A BODY OFWATER

Patent Period Started From 28/01/2013 and Will end on 27/01/2033

(57) An electronic control system for controlling a variable- configuration lay ramp of a pipeline laying vessel, to lay a pipeline on the bed of a body of water, is configured to: acquire data including data related to the configuration of the lay ramp, data related to the laying vessel, and data related to the forces transmitted by the lay ramp and the laying vessel to the pipeline; generate a plurality of step sequences to change the configuration of the lay ramp from a first to a second work configuration; and select a best step sequence as a function of the plurality of step sequences and the acquired data, so as to minimize the stress induced in the pipeline at each intermediate configuration between the first and second work configuration



PCT

- (22) 17/11/2014
- (21) 1843/2014
- (44) December 2017
- (45) 27/05/2018
- (11) 28750

(51)	Int. Cl. 8 G06K 19/04, 19/077
(71)	1. CARD PACK B.V
	2. 3.
(72)	1. WILL EMSEN ,LOUIS RINZE HENRICUS
(12)	2.
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(73)	1.
, ,	2.
(30)	1. (NL)2008844 - 18-05-2012
	2. (NL)1039642 - 01-06-2012
	3. (PCT/NL2013/050370) - 21-05-2013
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CHIP CARD DEVICE AND METHOD FOR MANUFACTURE THEREOF

Patent Period Started From 21/05/2013 and Will end on 21/05/2033

(57) The invention relates to a chip card device. This comprises a card-like carrier having received therein a semiconductor substrate in the form of a chip. The semiconductor substrate comprises at least a memory element and is provided with contact surfaces which are accessible on the surface of the card-like carrier to enable reading of the memory element therewith. The card-like carrier comprises a linear fold line configured for placing, on or close to a card part comprising the contact surfaces, a further card part situated on the side of the fold line remote from the card part.



PCT

- (22) 22/10/2014
- (21) 1671/2014
- (44) December 2017
- (45) 27/05/2018
- (11) 28751

(51)	Int. Cl. 8 C22C 38/00, 38/46 & C21D 9/34	
(71)	1. NIPPON STEEL & SUMITOMO METAL 2. 3.	CORPORATION (JAPAN)
(72)	 TAKESHITA, Yukiteru YAMAMOTO, Yuichiro KIRIYAMA, Kentaro 	4. KATO, Takanori
(73)	1. 2.	
(30)	1. (JP) 2012-102821 - 27-04-2012 2. (PCT/JP2013/060588) - 08-04-2013 3.	
(74)	SMAS CO	
(12)	Patent	

(54) STEEL FOR VEHICLE WHEEL Patent Period Started From 08/04/2013 and Will end on 07/04/2033

(57) Steel for a vehicle wheel containing C in an amount of 0.65 to 0.84%, Si in an amount of 0.4 to 1.0%, Mn in an amount of 0.50 to 1.40%, Cr in an amount of 0.02 to 0.13%, S in an amount of 0.04% or less, and V in an amount of 0.02 to 0.12%; Fn1 in the formula

Fn1=2.7+29.5xC+2.9xSi+6.9xMn+10.8?Cr+30.3xMo+44.3xV being 32 to 43; Fn2 in the formula

Fn2=exp(0.76)xexp(0.05xC)xexp(1.35xSi)?exp(0.38xMn)?exp(0.77xCr)x exp(3.0xMo)xexp(4.6xV) being 25 or less; the remainder comprising Fe and impurities; and the amounts of P, Cu, and Ni contained in the impurities being 0.05% or less, 0.20% or less, and 0.20% or less, respectively. This steel has an exceptional balance between wear resistance, rolling fatigue resistance, and spalling resistance, while also having exceptional high-temperature yield strength and high ductility.



PCT

- (22) 16/05/2012
- (21) 0884/2012
- (44) January 2018
- (45) 27/05/2018
- (11) 28752

(51)	Int. Cl. 8 A01N 37/42, 43/828, 43/653 & A01P 21/00
(71)	 Syngenta Participations AG (Switzerland) 3.
(72)	 HAAS, Ulrich Johannes HARP, Tyler L 3.
(73)	1. 2.
(30)	1. (GB) 0920892.7 - 27-11-2009 2. (PCT/EP2010/007129) - 24-11-2010 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) PLANT GROWTH REGULATION Patent Period Started From 24/11/2010 and Will end on 23/11/2030

(57) The present invention relates to a plant growth regulating composition comprising trinexapac-ethyl and acibenzolar-s-methyl in a weight ratio from 10:1 to 1:1, and to a method for regulating the growth of regulating the growth of crop plants, comprising applying said composition.



PCT

- (22) 29/04/2013
- (21) 0731/2013
- (44) January 2018
- (45) 28 /0 5/ 2018
- (11) 28753

(51)	Int. Cl. 8 C08F 210/06, 210/200 & C08L 23/14 & C08J 5/18
(71)	1. UNILEVER NV (United Kingdom)
	2. 3.
(72)	1. RAJANARAYANA, Venkataraghavan
	2. DAVID CHANDRA, Franklin
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(73)	1.
(-)	2.
(30)	1. (IN) 3022/MUM/2010 – 01-11-2010
(00)	2. (EP) 10195535.9 - 17-12-2010
	3. (PCT/EP2011/067737) - 11-10-2011
(74)	NAHED WADE REZK
(12)	Patent

(54) A RESIDENCE TIME CHAMBER Patent Period Started From 11/10/2011 and Will end on 10/10/2031

(57) The present invention relates to a residence time chamber. In particular the invention relates to a residence time chamber for improving the action of the biocide in water purification. It is another aspect of the present invention to incorporate the residence time chamber in water purification devices, particularly to gravity-fed water purification devices that operate without electricity and pressurised water, but the invention may also be applicable to devices using electricity and pressurized water. It has been found that a residence time chamber having a simple actuator device consisting of a fill cup connected to a plunger and a resilience mechanism provides a mechanical technique to automatically operate the controlled flow of fluid to give sufficient residence time for the action of biocide.



PCT

- (22) 10/03/2015
- (21) 0362/2015
- (44) January 2018
- (45) 30/05/2018
- (11) 28754

(51)	Int. Cl. ⁸ C10M 173/02, 147/00, 149/18, 145/20 & C09D 7/12, 163/00, 179/08, 201/00, 201/04 & F16L 15/04 & C10N 30/00, 30/12, 40/00
(71)	1. NIPPON STEEL & SUMITOMO METAL CORPORATION (JAPAN)
(, -)	2. VALLOUREC OIL AND GAS FRANCE (JAPAN)
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(72)	1. GOTO Kunio
(,=)	2.
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(73)	1.
(10)	2.
(30)	1. (JP) 2012-200118 - 12-09-2012
(00)	2. (PCT/JP2013/074356) - 10-09-2013
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) COMPOSITION FOR USE IN FORMING SOLID COATING FILM, AND TUBULAR THREADED JOINT

Patent Period Started From 10/09/2013 and Will end on 09/09/2033

(57) This composition for use in forming a solid coating film comprises a pulverous organic resin at least partial soluble in dipolar aprotic solvents which is contained in a mixed solvent containing water and a dipolar aprotic solvent, wherein the pulverous organic resin is in a dissolved state or a dispersed state in the mixed solvent.

Arab Republic of Egypt

Ministry of State for Scientific Research Academy of Scientific Research & Technology



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN JUNE 2018"

Egyptian Patent Office

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(PATENT No. 28805)	 (52)

(PATENT No. 28806)	(53)

Preface

We are on the verge of a new era which is founded on the basis of technological development and hence, we have to follow it in all fields of national development. Technology has become the basis for the increase in national income and production and hence, scientific research has become our real hope as a way for advancement and as a necessity for life.

Emerging from the responsibility of the Academy of Scientific Research and Technology towards strengthening the pillars of science and technology, I have the pleasure to introduce the Granted Patent's Abstracts of the Publication of Patents monthly, Which includes bibliographical data. This periodical is directed to all those interested in the vital field of Intellectual property which encompasses patents, innovations and creative works.

I hope that this publication meets its targeted objective, namely increasing the welfare, prosperity and advancement for our beloved country, Egypt.

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

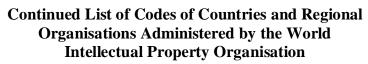
Bibliographic data

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Patent Number	11
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Application Number	21
Filing Date	22
Priority Number	
Priority Date	30
Priority Country	
Issuance Date	45
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Patentee Name	73
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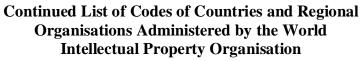
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HR	Croatia
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ID	Indonisia
IE	Ireland



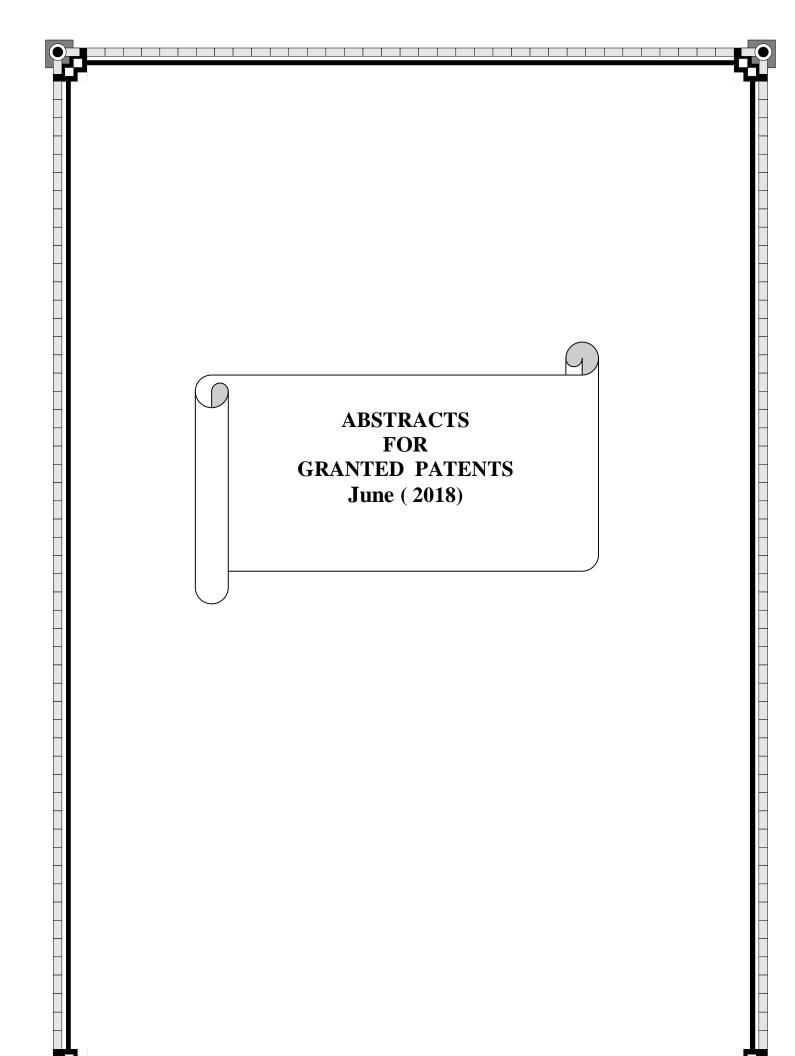
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ME	Montenegro
MG	Madagascar

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NZ	New Zealand
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PY	Paraguay
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RO	Romania
RS	Serbia
RU	Russian Federation
RW	Rwanda
SA	Saudi Arabia



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ST	Saotome and Principe
SV	El Salvador
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UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

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VE	Venezuela
VN	Viet Nam
YD	Yemen
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe





PCT

- (22) 29/05/2012
- (21) 0961/2012
- (44) December 2017
- (45) 03/06/2018
- (11) 28755

(51)	Int. Cl. 8 B60W 10/20, 10/06, 30/18
(71)	1. CHONGQING LIFAN EFI SOFTWARE CO., LTD (CHINA)
	2.
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(72)	1. LUO, Yongguo
, ,	2.
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(73)	1.
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(30)	1. (CN) 201110007224.1 - 14-01-2011
()	2. (PCT/CN2011/075944) - 20-06-2011
	3.
(74)	Eman Youssef mohamed hafez
(12)	Patent

(54) METHOD FOR PROCESSING HYDRAULIC POWER STEERING SWITCH SIGNAL OF VEHICLE

Patent Period Started From 20/06/2011 and Will end on 19/06/2031

(57) A method for processing a hydraulic power steering switch signal of a vehicle is disclosed. In this method, a nominal time Tmin is set, and an active time Tout of a logic processing signal is set according to a relationship between the active time of a power steering switch signal and the nominal time Tmin. This method prevents the engine power from being increased and decreased frequently, so that the electronic fuel injecting management system in the engine can control the idle speed of the engine more easily, thereby improving the maneuverability of the vehicle.



PCT

- (22) 25/08/2013
- (21) | 1347/2013
- (44) December 2017
- (45) 03/06/2018
- (11) 28756

(51)	Int. Cl. 8 F16L 1/16, 1/20
(71)	1. SAIPEM S.P.A. (ITALY) 2.
	3.
(72)	1. HUOT, Emmanuel
	2. CHIODINI, Carlo 3.
(72)	1.
(73)	2.
(30)	1. (IT) MI2011A000282 - 24-02-2011
(00)	2. (PCT/IB2012/050872) - 24-02-2012
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) LAYING VESSEL FOR LAYING PIPELINES ON THE BED OF A BODY OF WATER, AND LAYING VESSEL OPERATING METHOD

Patent Period Started From 24/02/2012 and Will end on 23/02/2032

(57) A laying vessel for laying pipelines on the bed of a body of water has a floating structure; a laying tower hinged to the floating structure and designed to assemble and lay a pipeline on the bed of the body of water; and an A&R system for abandoning and recovering the pipeline; and wherein the A&R system has a haul line; and a sheave assembly for guiding the haul line, and which is fitted to the floating structure to move between a work position at the laying tower, and a position away from the laying tower.



PCT

- (22) 2/07/2015
- (21) 1118/2015
- (44) December 2017
- (45) 03/06/2018
- (11) 28757

(51)	Int. Cl. 8 D04H 3/007, 3/147, 3/16 & D01D	5/22 & D01F 8/06
(71)	1. PEGAS NONWOVENS S.R.O (Czech Republic) 2. 3.	
(72)	 KOHUT, Jaroslav MECL, Zdenek KLASKA, Frantisek 	4. KASPARKOVA, Pavlina
(73)	1. 2.	
(30)	1. (CV)PV 2013-24 - 14-01-2013 2. (PCT/CZ2014/000005)- 14-01-2014 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) BATT COMPRISING CRIMPED BI- OR MULTI-COMPONENT FIBR

Patent Period Started From 14/01/2014 and Will end on 13/01/2034

(57) A batt comprising crimped bi- or multicomponent fibres consisting of at least two sections, which comprise a polymer or polymer blend as a predominant component and which are arranged across the cross-section of the fiber to promote crimping of the fibre during the setting process and which predominant components differ in the crystallisation heat (dHc). The difference in the crystallisation heat (dHc) is in the range from 30 J/g to 5 J/g and the predominant components differ in at least one of the other parameters selected from the group of melt flow index, degree of polydispersion and flexural modulus, while the relative difference of the predominant components is: for the flow index in the range from 100g/min to 5g/10min and/or for the degree of polydispersion less than 1, but above 0.3, and/or for the flexural modulus in the range from 300 MPa to 50 MPa; where the relative difference in the melt flow index is not greater than 100g/min, the degree of polydispersity is less than 1, the crystallisation heat is not greater than 300 MPa. The fibres have the degree of crimping at least 5 crimps per 20 mm of fibre.



PCT

- (22) 14/03/2013
- (21) 0405/2013
- (44) January 2018
- (45) 05/06/2018
- (11) 28758

(51)	Int. Cl. 8 C07D 207/08 207/12, 4	01/04, 403/04, 417/04, A01N 43/34,	43/54
(71)	1. BAYER INTELLECTUAL F 2. 3.	PROPERTY GMBH (GERMANY)	
(72)	 WATANABE, Hidekazu BRUCHNER, Peter VOERSTE, Arnd MAECHLING, Simon YAMAZAKI, Daiei KISHIKAWA, Hidetoshi FISCHER, Reiner 	8. KAPFERER, Tobias 9. SASAKI, Norio 10. MURATA, Tetsuya 11. SHIBUYA, Katsuhiko 12. JANSEN, Johannes-Rudolf 13. ARAKI, Koichi 14. SHIMOJO, Eiichi	15. ICHIHARA, Teruyuki 16. ISHIKAWA, Tadashi 17. MAUE, Michael 18. HATAZAWA, Mamoru 19. DOMON, Kei 20. GORGENS, Ulrich 21. MIHARA, Jun
(73)	1. 2.		
(30)	1. (JP) 2010-206992 - 15-09-2010 2. (JP) 2010-291998 - 28-12-2010 3. (PCT/EP2011/065849)- 13-09-2011		
(74)	SMAS INTELLECTUAL PROPERTY		
(12)	Patent		

(54) PESTICIDAL ARYLPYRROLIDINES Patent Period Started From 13/09/2011 and Will end on 12/09/2031

(57) Arylpyrrolidines of Formula (I): wherein each substituent is as defined in the specification, and use thereof as pesticides and animal paracite-controlling agents.



PCT

(22)	21/12/2014	1
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- (21) 2057/2014
- (44) January 2018
- (45) 06/06/2018
- (11) 28759

(51)	Int. Cl. 8 B01J 31/16, 31/18 & C	C08F 4/02 & C07C 2/08, 1/08	
(71)	 Saudi Basic Industries Corporation (SABIC) (SAUDI ARABIA) Linde AG (GERMANY) 3. 		
(72)	 WOHL, Anina MULLER, Wolfgang BOLT, Heinz MEISWINKEL, Andreas 	5. HARFF, Marco6. WELLENHOFER, Anton7. HOFMANN, Karl-Heinz8. ZANDER, Hans-JOrg	9. ILIYAS, Abduljelil 10. KHURRAM, Shahid 11. AZAM, Shahid 12. AL-QAHTANI, Abdullah
(73)	1. 2.		
(30)	1. (EP) 12175732.2 - 10-07-2012 2. (PCT/EP2013/001658) - 05-06-2013 3.		
(74)	NAHED WADE REZK		
(12)	Patent		

(54) METHOD FOR OLIGOMERIZATION OF ETHYLENE Patent Period Started From 05/06/2013 and Will end on 04/06/2033

- (57) The present invention relates to a method for oligomerization of ethylene, comprising the steps:
 - a) feeding ethylene, solvent and a catalyst composition comprising catalyst and cocatalyst into a reactor,
 - b) oligomerizing ethylene in the reactor,
 - c) discharging a reactor effluent comprising linear alpha-olefins including 1-butene, solvent, unconsumed ethylene dissolved in the reactor effluent, and catalyst composition from the reactor,
 - d) separating ethylene and 1-butene collectively from the remaining reactor effluent, and
 - e) recycling at least a part of the ethylene and the 1-butene separated in step
 - d) Into the reactor.



PCT

- (22) 09/04/2015
- (21) 0541/2015
- (44) **January 2018**
- (45) 10/06/2018
- **(11)** | **28760**

(51)	Int. Cl. 8 A47J43/04 & G01N33/02 & F26B11/14,11/16
(71)	1. JIANGMEN KINGFAI ELECTRICAL APPLIANCE IND. CO. LTD
	2.
	3.
(72)	1. HUANG Zhijian
	2.
	3.
(73)	1.
	2.
(30)	1. (CH) 201420521431.8 - 11-09-2014
	2.
	3.
(74)	SAMAS CO
(12)	Patent

(54) FOOD PROCESSING MACHINE CAPABLE OF OMNIBEARING STIRRING

Patent Period Started From 09/04/2015 and Will end on 08/04/2035

breaking machine and the like, typically comprise an L-shaped machine body as well as a machine head and a cup mounted on the L-shaped machine body, wherein a rotating member driven by a motor for stirring food within the cup is arranged on the machine head. In order to effect omnibearing stirring of the rotating member in the cup, a food processing machine with a machine head capable of oscillating has been developed. However, the food processing machine is provided with a plurality of power sources for driving the rotation of the rotating member and the cup as well as the oscillation of the machine head, respectively, leading to a large size and a complicated control. Meanwhile, an unreasonable arrangement of a transmission device of the food processing machine causes problems of heavy machine head but light L-shaped machine body leading to poor stability.



PCT

- (22) 12/08/2014
- (21) | 1297D1/2014
- (44) December 2017
- (45) 11/06/2018
- (11) 28761

(51)	Int. Cl. 8 C07D 213/34. 285/02. 277/26 & A01N 43/10
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	1. ADAWAY, Timothy J 2. 3.
(73)	1. 2.
(30)	1. (US) 61/599,489- 16-02-2012 2. (PCT/US2013/026377) - 15-02-2013 3.
(74)	ABD ELHADDI CO.
(12)	Patent

(54) METHODS OF PRODUCING SULFILIMINE COMPOUNDS Patent Period Started From 15/02/2013 and Will end on 14/02/2033

(57) Methods of producing a sulfilimine compound, such as N-cyano-S-methyl-S-[1-(6-trifluoromethyl-3-pyridinyl)ethyl]sulfilimine or other substituted sulfilimine compound. The method includes combining a sulfide compound, cyanamide, a hypochlorite compound, and a base, and oxidizing the sulfide compound to form the sulfilimine compound. The sulfide compound may include a 2-trifluoromethyl-5-(1-substituted)alkyl-thiopyridine compound. The base may include sodium hydroxide. A buffer, such as a phosphate buffer, may, optionally, be used in the reaction



PCT

- (22) 12/08/2014
- (21) 1297/2014
- (44) December 2017
- (45) 11/06/2018
- (11) 28762

(51)	Int. Cl. 8 C07D 213/34. 285/02. 277/26 & A01N 43/10
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	1. ADAWAY, Timothy J 2. 3.
(73)	1. 2.
(30)	1. (US) 61/599,489 - 16-02-2012 2. (PCT/US2013/026377) - 15-02-2013 3.
(74)	Abdul Hadi Intellectual Property
(12)	Patent

(54) METHODS OF PRODUCING SULFILIMINE COMPOUNDS Patent Period Started From 15/02/2013 and Will end on 14/02/2033

(57) Methods of producing a sulfilimine compound, such as N-cyano-S-methyl-S-[1-(6-trifluoromethyl-3-pyridinyl)ethyl]sulfilimine or other substituted sulfilimine compound. The method includes combining a sulfide compound, cyanamide, a hypochlorite compound, and a base, and oxidizing the sulfide compound to form the sulfilimine compound. The sulfide compound may include a 2-trifluoromethyl-5-(1-substituted)alkyl-thiopyridine compound. The base may include sodium hydroxide. A buffer, such as a phosphate buffer, may, optionally, be used in the reaction.



PCT

- (22) 08/06/2014
- (21) 0989/2014
- (44) December 2017
- (45) 11/06/2018
- (11) 28763

(51)	Int. Cl. ⁸ F04B 7/00, 39/10 & F16K 3/02, 3/08
-	
(71)	1. NUOVO PIGNONE S.P.A (ITALY)
, ,	2.
	3.
(- 0)	
(72)	1. TOGNARELLI, Leonardo
	2. BAGAGLI, Riccardo
	3.
(73)	1.
(13)	
	2.
(30)	1. (IT) MI2011A002396 - 27-12-2011
(00)	2. (PCT/EP2012/075435) - 13-12-2012
	3.
-	
(74)	Amr Mofed El Deeb
(12)	Patent
(12)	2 WOLL

(54) ROTARY VALVES HAVING SEALING PROFILES BETWEEN STATOR AND ROTOR AND RELATED METHODS

Patent Period Started From 13/12/2012 and Will end on 30/12/2032

(57) Reciprocating compressors used in oil and gas industry having actuated rotary valves with sealing profiles between a rotor and a stator thereof and related methods are provided. An actuated rotary valve 500 includes a stator having a stator opening, and a rotor having a rotor opening. At least one of the rotor and the stator has a sealing profile extruding from a surface of the rotor or of the stator towards an interface there -between, the sealing profile surrounding a respective one of the rotor opening or the stator opening.



PCT

- (22) 03/02/2015
- (21) | 0328/2015
- (44) | February 2018
- (45) 12/06/2018
- (11) 28764

(51)	Int. Cl. 8 A47J19/06, 19/02, 43/07
(71)	1. NUC ELECTRONICS CO., LTD. ()
. /	2. Kim Ji Tae
	3.
(72)	1. Kim Jong Boo
` ´	2.
	3.
(73)	1.
, ,	2.
(30)	1. (KR) 0126516 - 09-11-2012
	2. (KR) 0148417 – 18-12-2012
	3. (KR) 0034337 - 29-03-2013
	4. (KR) 0034357 - 29-05-2013
	5. (PCT/KR2013/009696) - 30-10-2013
(74)	MORAD MOHMED NASR
(12)	Patent

(54) JUICE EXTRACTION MODULE FOR JUICER Patent Period Started From 30/10/2013 and Will end on 29/10/2033

(57) Disclosed is a juice extraction module for a juicer, which includes a container formed with a juice discharge port, a sieve positioned inside of the container, a screw positioned inside of the sieve to extract juice from a material, and a lid coupled to a top end of the container and formed with a input port through which the material is input. The juice extraction module includes a crushing portion formed on a top end of the screw to be narrowed upward, the crushing portion having a crushing blade formed thereon; and a crushing processing portion connected to the input port and formed in a bottom of the lid to be concave for accommodating the crushing portion.



PCT

(22) 25/07/2011

(21) 1227/2011

(44) | February 2018

(45) 12/06/2018

(11) 28765

(51)	Int. Cl. 8 G10L 19/00 & H04B 1/66
(71)	1. FRAUNHOFER-GESELLSCHAT ZUR FORDERUNG DER ANGEWANDTEN FOR
	2. SCHUNG E.V (GERMANY) 3.
(72)	1. ROBILLIARD, Julien
	2. NEUSINGER, Matthias
	3. HILPERT, Johannes
(73)	1.
	2.
(30)	1. (US) 61/147,815 - 28-01-2009
(/	2. (EP) 09007086.3 - 27-05-2009
	3. (PCT/EP2010/050279) - 12-01-2010
(74)	NAHED WADE REZK
(12)	Patent

(54) APPARATUS, METHOD AND COMPUTER PROGRAM FOR UPMIXING A DOWNMIX AUDIO SIGNAL

Patent Period Started From 12/01/2010 and Will end on 11/01/2030

(57) An apparatus for upmixing a downmix audio signal describing one or more downmix audio channels into an upmixed audio signal describing a plurality of upmixed audio channels comprises an upmixer configured to apply temporally variable upmixing parameters to upmix the downmix audio signal in order to obtain the upmixed audio signal. The apparatus also comprises a parameter interpolator, wherein the parameter interpolator is configured to obtain one or more temporally interpolated upmix parameters to be used by the upmixer on the basis of a first complex-valued upmix parameter and a subsequent second complexvalued upmix parameter. The parameter interpolator is configured to separately interpolate between a magnitude value of the first complexvalued upmix parameter and a magnitude value of the second complexvalued upmix parameter, and between a phase value of the first complexvalued upmix parameter and a phase value of the second complex-valued upmix parameter, to obtain the one or more temporally interpolated upmix parameters. A respective method can be implemented, for example, as a computer program.



PCT

- (22) 16/04/2015
- (21) 0583/2015
- (44) | February 2018
- (45) 12/06/2018
- (11) 28766

(51)	Int. Cl. 8 H04N 21/443, 5/63	
(71)	 Proteus Digital Health Inc (UNITED S 3. 	STATES OF AMERICA)
(72)	 JANI, Nilay WEBB, Douglas WITHRINGTON, Jonathan 	4. BERKMAN, Jeffrey 5. LI, Haifeng
(73)	1. 2.	
(30)	1. (US) 61/715.610 - 18-10-2012 2. (PCT/US2013/065041) - 15-10-2013 3.	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) APPARATUS, SYSTEM, AND METHOD TO ADAPTIVELY OPTIMIZE POWER DISSIPATION AND BROADCAST POWER IN A POWER SOURCE FOR A COMMUNICATION DEVICE Patent Period Started From 15/10/2013 and Will end on 14/10/2033

(57) Provided is an apparatus, system, and method for stabilizing battery voltage of a battery device while optimizing power delivered to a receiver during communication of a broadcast packet. A logic circuit is configured to receive a broadcast packet having a predetermined number of bits for communication by a controller to a receiver located remotely from the controller, determine a number of cycles in which a sampled battery voltage is either greater than or less than or equal to a nominal battery voltage over a first subset of the predetermined number of bits of the broadcast packet and performs either a tune-up or a tune-down procedure based on the number of cycles counted in which the sampled battery voltage is not equal to the nominal battery voltage for more than one half of a total number of cycles counted.



PCT

- (22) 09/10/2014
- (21) 1604/2014
- (44) February 2018
- (45) 12/06/2018
- (11) 28767

(51)	Int. Cl. 8 C09B 62/44	
(71)	1. HUNTSMAN ADVANCED MATERIALS GMBH (SWITZERLAND) 2. 3.	
(72)	 ROENTGEN, Georg GRACIET, Jean-Christophe HILDEBRAND, Rainer 	4. FEKETE, Laszlo 5. SCHMIDLIN, Marie 6. HILDEBRAND, Rainer
(73)	1. 2.	
(30)	1. (EP) 12172247.4 - 15-06-2012 2. (PCT/EP2013/060759) - 24-05-2013 3.	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) FIBRE-REACTIVE DYES, AND THEIR PREPARATION Patent Period Started From 24/05/2013 and Will end on 23/05/2033

(57) Reactive dyes of formula (1) wherein Q1 and Q2 are each independently of the other hydrogen or unsubstituted or substituted C1-C4alkyl, A is the radical of a monoazo, polyazo, metal complex azo, anthraquinone, phthalocyanine, formazan or dioxazine chromophore, X is halogen, 3- or 4-carboxypyridin-1-yl, or 3- or 4-carbamoylpyridin-1-yl, Y is vinyl or a radical -CH2-CH2-U and U is a group removable under alkaline conditions, and q is the number 1 or 2, are suitable for dyeing and printing cellulosic or amide-group-containing fibre materials.

$$A = \begin{bmatrix} Q_1 & Q_2 & OH \\ N & N & N \end{bmatrix}_q$$

$$X \qquad SO_2-Y \qquad (1)$$



PCT

- (22) 30/10/2011
- (21) 2017/2011
- (44) | February 2018
- (45) 12/06/2018
- (11) 28768

(51)	Int. Cl. ⁸ F25J 3/00	
(71)	 ORTLOFF ENGINEERS, LTD (UNIT S.M.E PRODUCTS LP (UNITED STATE) 	,
(72)	 JOHNKE, Andrew, F LEWIS, W., Larry WILKINSON, John, D. 	 LYNCH, Joe, T. HUDSON, Hank, M. CUELLAR, Kyle, T.
(73)	1. 2.	
(30)	1. (US) 12/689,616 - 19-01-2010 2. (US) 12/717,394 - 04-03-2010 3. (US) 12/750,862 - 31-03-2010 4. (US) 12/772,472 - 03-05-2010 5. (US) 12/781,259 - 17-05-2010 6. (US) 61/186,361 - 11-06-2009 7. (PCT/US2010/035121) - 17-05-2010	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) HYDROCARBON GAS PROCESSING Patent Period Started From 17/05/2010 and Will end on 16/05/2030

(57) A process and an apparatus are disclosed for the recovery of heavier hydrocarbon components from a hydrocarbon gas stream in a compact processing assembly. The gas stream is cooled, condensed and expanded to lower pressure and supplied as a feed to an absorbing means inside the processing assembly. A distillation liquid stream is collected from the absorbing means and directed into a heat and mass transfer means inside the processing assembly strip out its volatile components while cooling the gas stream. Distillation streams are collected from heat and mass transfer means and cooled sufficiently to at least partially condense it, forming a residual vapor stream and a condensed stream. The quantities and temperatures of the feeds are at a temperature whereby the major portions of the desired components are recovered in the stripped distillation liquid stream.



PCT

- (22) 02/04/2012
- (21) 0605/2012
- (44) | February 2018
- (45) 12/06/2018
- **(11)** | **28769**

(51)	Int. Cl. ⁸ G10L 19/02	
(71)	 FRAUNHOFER-GESELLSCHAFT ZU FORSCHUNG E.V. (GERMANY) 3. 	JR FORDERUNG DER ANGEWANDTEN
(72)	 NEUENDORF, Max FUCHS, Guillaume RETTELBACH, Nikolaus 	4. BAECKSTROEM, Tom5. LECOMTE, Jeremie6. HERRE, Jergen
(73)	1. 2.	
(30)	1. (US) 61/249,774 08-10-2009 2. (PCT/EP2010/064917) - 06-10-2010 3.	
(74)	NAHED WADE REZK	
(12)	Patent	

MULTI-MODE AUDIO SIGNAL DECODER, MULTI-MODE AUDIO SIGNAL ENCODER, METHODS AND COMPUTER PROGRAM USING A LINEAR-PREDICTION-CODING BASED NOISE SHAPING

Patent Period Started From 06/10/2010 and Will end on 05/10/2030

A multi-mode audio signal decoder for providing a decoded representation of an audio content on the basis of an encoded representation of the audio content comprises a spectral value determinator configured to obtain sets of decoded spectral coefficients for a plurality of portions of the audio content. The audio signal decoder also comprises a spectrum processor configured to apply a spectral shaping to a set of spectral coefficients, or to a pre-processed version thereof, in dependence on a set of linearprediction-domain parameters for a portion of the audio content encoded in a linearprediction mode, and to apply a spectral shaping to a set of decoded spectral coefficients, or a pre-processed version thereof, in dependence on a set of scale factor parameters for a portion of the audio content encoded in a frequency-domain mode. The audio signal decoder comprises a frequency-domain-to-time-domain converter configured to obtain a time-domain representation of the audio content on the basis of a spectrally-shaped set of decoded spectral coefficients for a portion of the audio content encoded in the linear-prediction mode, and to obtain a time domain representation of the audio content on the basis of a spectrally shaped set of decoded spectral coefficients for a portion of the audio content encoded in the frequency domain mode. An audio signal encoder is also described.



PCT

- (22) 29/06/2014
- (21) 1096/2014
- (44) December 2017
- (45) 12/06/2018
- **(11)** | **28770**

(51)	Int. Cl. ⁸ F16L 27/04, 27/06, 27/053
(01)	
	A THO DAIN AND AND AND AND AND AND AND AND AND AN
(71)	1. LEO DYNAMISCHE INVESTERINGEN B.V
. ,	2.
	3,
(72)	1. MENHEERE, Marco Daniel
	2.
	3.
(73)	1.
	2.
(30)	1. (EP) 11195891.4 - 28-12-2011
(30)	2. (PCT/NL2012/050902) - 18-12-2012
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent
(14)	

(54) BALL JOINT PIPE CONNECTION Patent Period Started From 18/12/2012 and Will end on 17/12/2032

A pipe connection comprises a ball joint having shell parts and pipe connection means at the ends of the shell parts which face away from each other and which are to be connected to a respective pipe section. The shell parts surround one another in a contacting manner and define a respective longitudinal centre line; they are rotatable in relation to one another between an aligned position, in which the longitudinal centre lines coincide, and a rotated position, in which the longitudinal centre lines form an angle with one another which differs from zero. The shell parts together enclose an axial passage which extends between the ends of the shell parts. A sealing element is provided between the outermost shell part and the innermost shell part. A lining extends between the outermost shell part and the corresponding pipe connection means. The inner lining surface of the lining has a curvature corresponding to the curvature of the outer surface of the innermost shell part; furthermore, said inner lining surface and said outer surface lie entirely free in relation to one another so as to avoid turbulence and to ensure an unobstructed passage.



PCT

- (22) 22/04/2015
- (21) 0626/2015
- (44) March 2018
- (45) 20/06/2018
- (11) 28771

(51)	Int. Cl. 8 A01B 69/00, A01N 25/12, C02F 103/26& A61K 47/30, 31/045	
(71)	 NATIONAL RESEARCH CENTER (EG' AL-Azhar Univ, Faculty of Science 	YPT)
(72)	1. ALTAF HALIM BASTA MAKKAR 2. HOUSSNI EL-SAIED MOHAMED ALI 3. MOHAMED SAIED HASANIN	4. HUSSIN HOUSSNY EL-SHEIKH 5. AHMED ABDELMONIEM EL-HENAWY 6. ESSAM HUSSIN ABDEL SHAKOUR
(73)	1. 2.	
(30)	1. 2. 3.	
(74)	MAGDA MOHASEB ALSAYED, AMAL YO	USEFF AHMED, MONA MOHAMED FAREED
(12)	Patent	

(54) NOVEL NANO FORMULATIONS BASED ON CELLULOSE DERIVATIVES FROM LIGNOCELLULOSES IN BIOLOGICAL ACTIVITY APPLICATIONS (ANTI-FUNGI AND ANTI-TUMOR).

Patent Period Started From 22/04/2015 and Will end on 21/04/2035

(57) This invention is intended to prepare new safety compounds for breast cancer, and also provided biological activity. These formulations from bagasse- or viscose pulp-based cellulose derivatives together with amino acid, in the form of nano-particles. This compounds avoid the side of the patient and the adverse effects processor of skin rash, renal failure, or the spleen and lymph diseases, as well as the problems of blood red balls as a result of nanometric metal used, and prolonged use of antibiotics for inhibition or treating of cancer. This approach identified that, compound prepared from using sugare-cane bagasse pulp with particle size 50-100 nm, led to inhibit the growth of cancer cell by ~ 30%, together with providing biological activity. Therefore and according to Center for Cancer Research, National Institutes of Health, USA, it possible to apply as anti-cancer drug. While, the formulation of nanometric (30-60 nm size) prepared from a substrate of viscose pulp led to the killing of 50% of the tumor cells (IC50), and can be used in the treatment of breast cancer.



PCT

- (22) 27/04/2014
- (21) 0642/2014
- (44) March 2018
- (45) 20/06/2018
- (11) 28772

	-
(51)	Int. Cl. 8 C03C 3/155, 3/19, 3/247 & A61L 27/10
(31)	
(71)	1. GOMAA EL-DAMRAWI (EGYPT)
(/1)	2. HAMDY DOWEIDAR
	3. EMAN YOUSSIF MOHAMED AZZAM
(72)	1. GOMAA EL-DAMRAWI
(, -)	2. HAMDY DOWEIDAR
	3. EMAN YOUSSIF MOHAMED AZZAM
(73)	1.
(10)	2.
	-
(30)	1.
()	2.
	3.
(74)	POINT OF CONTACT AT MANSOURA UNIVERSITY
(12)	Patent
(14)	1 titlit

(54) PREPARATION OF BIOACTIVE GLASS IONOMER CEMENT AS DENTAL FILLER

Patent Period Started From 27/04/2014 and Will end on 26/04/2034

The purpose of the present study was the synthesis of bioactive glass

ionomer cement as dental filler in the system:

25NaF-21 CaO-40B2O3-12P205-1 Ti02-1 Cr203 mol%

Development of the studied glass in terms of enhancing their bioactivity and mechanical strength is based upon controlled precipitation of crystalline phases containing QO4, PO4, and. BO4. Presence of such types of crystal phases are showed to cause a remarkable improvement of chemical durability, consequently high corrosion resistance and hardness number of the prepared glass (#v=447 kg/mm). The prepared glass satisfies the bioactivity requirements, through presence of bioactive and compatible crystalline apatite and flourapatite phases in the network. These phases can 'nteract with simulated body fluid (SBF) and precipitate of hydroxyapatite and fluorhydroxyapatite phases. These phases are. the major components of teeth and bones.



PCT

- (22) 20/12/2013
- (21) 2000/2013
- (44) March 2018
- (45) 20/06/2018
- (11) | 28773

(51)	Int. Cl. 8 C08L 91/06
(71)	EL-SAYED MOHAMED EL-SAYED IBRAHIM (EGYPT) TARK MAHMED ABAS FAHMY(EGYPT) Institute of Graduate Studies, ALEXANDRIA UNIVERSITY(EGYPT)
(72)	1. EL-SAYED MOHAMED EL-SAYED IBRAHIM 2. TARK MAHMED ABAS FAHMY 3. WAGEH ABDEL ALIM SAYED AHMED 4. MOHAMED ESSAM ELDIN EL-RAFEY 5. ADEL WILLIAM NASHED
(73)	1. 2.
(30)	1. 2. 3.
(74)	ALEXANDRIA UNIVERSITY FOCAL POINT
(12)	Patent

(54)	PREPARATION OF COMPOUNDED WAXES
	Patent Period Started From and Will end on

(57) Thirty one formulas of compounded waxes were prepared from Egyptian petroleum waxes which are paraffin wax, microcrystalline wax; beside to ethylene vinyl acetate copolymer, hydrogenated dicylo pentadiene resin and poly alpha methyl styrene resin as additives. Compounded waxes were prepared by technical modern method. Physical and mechanical properties of compounded waxes were measured. These properties depended on the components weight percentage of these compounded waxes. Physical and mechanical properties of compounded waxes can be calculated through equations by knowing the percentage weight components of compounded waxes. These compounded waxes have many industrial applications.



PCT

- (22) 08/10/2015
- (21) 1636/2015
- (44) March 2018
- (45) 20/06/2018
- (11) 28774

(51)	Int. Cl. 8 C11D 13/16, 13/22, 3/60, 3/382, 13/26
(71)	1. AMINA MOHAMED AHMED MEAAD (EGYPT)
	2.
	3.
(72)	1. AMINA MOHAMED AHMED MEAAD
	2.
	3.
(73)	1.
	2.
(30)	1.
	2.
	3.
(74)	
(12)	Patent

(54)	SOAP FROM RICE STRAW
	Patent Period Started From 08/10/2015 and Will end on 07/10/2035

(57) Soap from rice straw contains natural antibiotics eliminate bacteria and fungi, Straw pellets cleans the skin and removes dead cells, Chemical-free (no Caustic Soda,...) Natural oils and herbs help to stimulate blood circulation.



PCT

- (22) 17/12/2015
- (21) 2005/2015
- (44) March 2018
- (45) 20/06/2018
- (11) 28775

(51)	Int. Cl. 8 A63B 21/00
(31)	
(71)	1. AYMAN TAHA AHMED MOHAMED (EGYPT)
(, =)	2. MOHAMED AYMAN TAHA AHMED
	3.
(72)	1. AYMAN TAHA AHMED MOHAMED
(, _)	2. MOHAMED AYMAN TAHA AHMED
	3.
(73)	1.
()	2.
(2.0)	
(30)	1.
. ,	2.
	3.
(74)	
(12)	Patent
(12)	1

(54) ELECTRONIC BALLOT BOX FOR PEOPLE BLIND AND VISUALLY IMPAIRED AND THOSE WITH ILLITERACY Patent Period Started From 17/12/2015 and Will end on 16/12/2035

This application works by output audible sounds of candidates to enable the blind to identify the candidates, then it does make a sound without the intervention of any human agent assistant with the person blind, where you can download the paper election (ballot) inside the ballot box can change its shape and measured to fit electoral paper form and measured. Since the voter - the electorate who are visually impaired go to the e-electoral template, and then pressing the buttons to hear the voices of candidates and upon completion of the selection of the candidate who wishes to chosen based grabbed a pen next to the button and moving the pen to the mark on the ballot paper within the Fund If you choose direct printing method to the printer twice pressed the button on the center button to the fund that will print another candidate was chosen And it depends on the store audio files and operate it so it depends on the electronic circuit and application - device Android Tablet - other elements help idea - innovation by putting specific shape which have many holes as simulation election Box design in order to increase speed of processing time of election and doing the same in examination for education field also in shopping use the same method throw the application connected to circuit to operation and hearing sound file describing every item or product or anything else and all process above could be confirmed after disabilities people do or did what he or she need to know in addition there shape have many holes putting above the tablet or Mobile Device to select the items after hearing by press inside the each hole the shape made of wood, plastic, hard paper or aclerk material.



PCT

- (22) 30/12/2015
- (21) 2065/2015
- (44) March 2018
- (45) 20/06/2018
- (11) 28776

(51)	Int. Cl. ⁸ G01N 27/27 & F28F 27/00
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2.
(72)	3. 1. MOHAMED MAHER MOHAMED ELNASHARTY
(72)	2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	MAGDA MOHASEB EL-SAID – MONA MOHAMED FARID – MOHAMED ZAKARIA FAHIM – NAGLAA ALY AHMED
(12)	Patent

(54) ELECTRICAL TEMPERATURE CHARACTERISTIC MEASUREMENT CELL Patent Period Started From 30/12/2015 and Will end on 29/12/2035

(57) This cell provides the measurement of dielectric and electric properties of different samples in a wide temperature range that is not available for the original instrument except through an option that is more complex and more expensive. The cell is composed of an internal room in which samples are placed. The internal compartment is surrounded by another closed domain which controls temperature by a continuous fluid flow. Additionally, there is a last compartment, encloses the fluid compartment, this one contain an insulator to maintain the measuring temperature.



PCT

- (22) 14/04/2016
- (21) 0658/2016
- (44) March 2018
- (45) 20/06/2018
- (11) 28777

(51)	Int. Cl. 8 A23C 9/16
(71)	1. AHMED OSAMA ABD EL-SAMIEA EMAM (EGYPT) 2. 3.
(72)	1. AHMED OSAMA ABD EL-SAMIEA EMAM 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	Patent

(54)	THOSE OF THE THE THOSE STREET CHESS TO THE SERVE
	AND A METHOD FOR ITS PRODUCTION
	Patent Period Started From 14/04/2016 and Will end on 13/04/2036
(57)	The current invention is about product of instant mozzarella cheese



PCT

- (22) 14/04/2016
- (21) 0657/2016
- (44) March 2018
- (45) 20/06/2018
- (11) 28778

(51)	Int. Cl. 8 A23G 9/04, 26/14
(71)	1. AHMED OSAMA ABD EL-SAMIEA EMAM (EGYPT)
	2. 3.
(72)	1. AHMED OSAMA ABD EL-SAMIEA EMAM
	2. 3.
(73)	1. 2.
(30)	1.
	2. 3.
(74)	
(12)	Patent

(54) NOVEL MOZZARELLA-LIKE SWEET PRODUCT, FLAVOURED WITH DIFFERENT FRUITS AND A METHOD FOR ITS PRODUCTION

Patent Period Started From 14/04/2016 and Will end on 13/04/2036

(57) The current invention is about novel mozzarella-like sweet product, flavoured with different fruits or vegetables. It consists of hydrogenated palm oil, rennet casein, sodium caseinate, milk protein concentrate, modified potato starch, tri-sodium citrate, sucrose, citric acid, water and different natural fruits and vegetables extracts or synthetic flavours, and a method for its production.



PCT

- (22) 30/05/2016
- (21) 0879/2016
- (44) March 2018
- (45) |20/06/2018
- (11) 28779

(51)	Int. Cl. 8 A23D 7/05 & C11C 1/02 & C11B 1/00
(71)	1. NADIA ABED EL MEGEID ABOU ZEID (EGYPT)
	2. 3.
(72)	1. NADIA ABED EL MEGEID ABOU ZEID
	2. 3.
(73)	1.
(30)	2. 1.
(30)	2.
	3.
(74)	Patent
(12)	1

(54) FAT REPLACER AND STABILIZER PRODUCT FROM TARO AND ITS METHOD OF PRODUCTION Patent Period Started From 30/05/2016 and Will end on 29/05/2036

(57) This patent is about a fat replacer and a stabilizer product extracted from taro and its method of production. It was used in ice milk production such as ice cream.



PCT

- (22) 15/06/2014
- (21) 0970/2014
- (44) March 2018
- (45) 20/06/2018
- **(11)** | **28780**

(51)	Int. Cl. 8 C02F 103/08, 1/44
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	1. HEBA ABDALLAH MOHAMED ABDALLAH 2. ELHAM ELZANATI 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	MAGDA MAHSAB , AMAL YOUSEF , MONA MOHMAD FARED
(12)	Patent

(54) PRODUCTION OF RO COMPOSITE MEMBRANE OF POLYETHERSULFONE AND POLYAMIDE Patent Period Started From 15/06/2014 and Will end on 14/06/2034

(57) The process of reverse osmosis is the most important methods used in desalination. Polysulfone and poly ether sulfone membranes used in this process but after coating with polyamide layer. The development of coating method by two treatment steps are applied using firstly a mixture of mono and di amines with sodium hydroxide and sodium dodecyl sulphate and secondly, by soaking of membrane in a mixture of trimesoyl chroride and cyclo hexane under nitrogen and at 60?C this method doesn?t need heat treatment and can provide thick, smooth and antifouling layer, also the percentage of salt rejection Up to 99%.



PCT

- (22) 26/02/2014
- (21) 0296/2014
- (44) March 2018
- (45) 20/06/2018
- (11) | 28781

(51)	Int. Cl. 8 A01G 25/00
(71)	1. MAHMOUD MOHAMED ABU-ZEID KHALIL (EGYPT) 2. 3.
(72)	1. MAHMOUD MOHAMED ABU-ZEID KHALIL 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	Apparatus for Soil Parameters Measurement
	Patent Period Started From 26/02/2014 and Will end on 25/02/2034

(57)

This invention relates to a device for measuring soil parameters, Which determines soil parameters using rapid economic roads rather than complex or traditional ways, which depends on the health or wrong use, and also the experience carried out. A long time ago there is a huge demand and many attempts towards using private technology to measure some soil parameters for the site in the way in which the use of innovative uses some technological aspects. The way modern innovative device such research is one of these ways to help in the rapid and accurate measurement to determine the soil transactions and directly from the earth's surface. We found linking sandy soil transactions by using the large manual penetration and use of penetration device after its development in order to function electro mechanic. It has been using a computer program (MIDAS) to the work of theoretical analysis and linking the results to each other. The developer is a needle penetration device (a device for measuring soil transactions) and one of these ways to help in the rapid and accurate measurement to measure soil parameters.



PCT

- (22) 26/11/2013
- (21) | 1810/2013
- (44) March 2018
- (45) 20/06/2018
- (11) 28782

(51)	Int. Cl. 8 B01J 23/02, 23/74, 23/75, 23/745 & C01B 3/04
(84)	1 ECVETIAN DETECT ELIM DECEADOU INCTITUTE (EDDI) (ECVET)
(71)	1. EGYPTIAN PETROLEUM RESEARCH INSTITUTE (EPRI) (EGYPT) 2.
	3.
(72)	1. AHMED METWALLY ALI EL NAGGAR
	2. IBRAHIM MOHAMED NASSAR
	3. HEBA MAHMOUD GOBARA
(73)	1.
(-)	2.
(30)	1.
()	2.
	3.
(74)	KHALID ABDUL ZAHIR
(12)	Patent

(54) PHOTOCATALYSTS FOR THE PRODUCTION OF PURE HYDROGEN WITH IN-SITU CARBON SPECIES FORMATION VIA WATER SPLITTING PROCESS AND A METHODOLOGY FOR THEIR PREPARATION

Patent Period Started From 26/11/2013 and Will end on 25/11/2033

The current patent introduces photocatalysts for the production of pure hydrogen with in-situ carbon species formation via water splitting process and a methodology for their preparation. Three inorganic compounds were prepared namely: cadmium sulfide, zinc oxide and a mixed oxides structure of iron, cobalt, strontium and lanthanum which is known as perovskite that has the formula [la0.6, sr0.4, fe0.8, co0.2]. Water splitting process was then done under the effect of sunlight in order to obtain the hydrogen gas using the perovskite structure individually, combined with either zinc oxide or cadmium sulfide and a ternary mixture made of all the three photocatalysts together via physical mixing and without the assist of additional agents or other catalysts. High concentration of hydrogen was detected in the obtained gas, as determined by a gaschromatography instrument. Particularly, an amount equal to 6350 umole h-1g-1 of pure hydrogen (99.7%) was acquired from the splitting process. The amount of the produced hydrogen was then increased by 4 or 5 folds when the perovskite was mixed either with cadmium sulfide or zinc oxide to reach 24680 and 28680 umole h-1g-1 with a gas purity of 96.8 and 98% respectively; in addition, the formation of carbon species. The presence of carbon species has been confirmed via different tools of analysis; specifically raman spectroscopy, scanning electron microscopy (sem) and transmission electron microscopy.



PCT

- (22) 26/11/2013
- (21) | 1809/2013
- (44) March 2018
- (45) 20/06/2018
- (11) 28783

(51)	Int. Cl. 8 C07C 69/60
(71)	1. EGYPTIAN PETROLEUM RESEARCH INSTITUTE (EPRI) (EGYPT) 2.
	3.
(72)	1. AHMED MOHAMED AL-SABAGH
	2. TAISIR TAHA ALI KHIDR
	3. ABOU BAKR AHMED MOHAMED SOLIMAN DARWESH
(73)	1.
(-)	2.
(30)	1.
()	2.
	3.
(74)	KHALID ABDUL ZAHIR
(12)	Patent

(54) METHOD FOR PREPARING DIALKYLFUMARATE BY ISOMERIZING A LONG CHAIN DIALKYLMALEATE USING BENZOYL CHLORIDE AS A CATALYST

Patent Period Started From 26/11/2013 and Will end on 25/11/2033

(57) The present invention relates to a method for the preparation of dialkylfumarate by isomerizing a long chain dialkylmaleate. The number of carbon atoms in the alkyl group ranges between (C_{16} - C_{36}). This reaction was performed by reacting 1 mole of maleic anhydride with 2 mole of NAFOL alcohol mixture in the presence of xylene as a solvent and para toluene sulfonic acid as a catalyst for water removal, then 9-12 mole of benzoyl chloride compound was added to 1 mole of dialkylmaleate compound. The prepared dialkylfumarate compound can be polymerized with vinyl acetate or other alpha-olefin compounds to obtain large molecular weight copolymers containing a mixture of different alkyl groups with a high carbon chain that are used as compounds to reduce the pour point of petroleum products .



PCT

(22) 05/09/2012

(21) 1648/2012

(44) March 2018

(45) |20/06/2018

(11) 28784

(51)	Int. Cl. 8 A01G 9/00
(71)	 HASSAN ABDEL-RAZEK ABDEL-MAWLA (EGYPT) NABIL SHABAN MAHMOUD ALI 3.
(72)	1. HASSAN ABDEL-RAZEK ABDEL-MAWLA 2. NABIL SHABAN MAHMOUD ALI 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	AN INTER FURROW CROP CULTIVATOR FOR CROPS
	PLANTED ON FURROW
	Patent Period Started From 05/09/2012 and Will end on 04/09/2032

(57)

The invention relates to an inter furrow crop cultivator for crops planted on furrow. The hand steering cultivator assembled to trapezoidal frame. A single wheel powered by a small engine for easy maneuverability. The cultivator contains on cultivation unit that are the soil agitation tools: The soil cultivation tines represented in a pair of rotors with steel strip tines mounted to a horizontal shaft to be one on the right side and the other on the left side. Two ribbon tines are bolted to each rotor. The two ribbon tines are mutually mounted and are formed according to the angle of the furrow side. A small ridger is mounted behind the auger cultivation tines to maintain optimum shaping of the furrow bottom for uniform irrigation.



PCT

(22) 27/06/2011

(21) 1112/2011

(44) March 2018

(45) 20/06/2018

(11) 28785

(51)	Int. Cl. 8 C04B 14/06 & E04F 15/12
(71)	1. ABD-ELHADY MOHAMED TAWFIK DERGHAM (EGYPT) 2. 3.
(72)	1. ABD-ELHADY MOHAMED TAWFIK DERGHAM 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	FAST DRYING POWDER (2525)
	Patent Period Started From 27/06/2011 and Will end on 26/06/2031

- (57) The present invention is related to a composition for iron & flooring isolation, comprises of the following:
 - 1- styrene acrylic (10%)
 - 2- 2- titanium dioxide (25%)
 - 3- 3- lithopone (concentration of 50%) (25%)
 - 4- 4- calcium sulfate (5%)
 - 5- 5- portland limestone (15%)
 - 6- 6- limestone (20%)
 - 7- moreover, 50% of the composition is mixed with water after being granulated, mixed & screened. In addition, the composition can be in the form of external & internal cement wall paste as it is erosion resistant.



PCT

- (22) 22/10/2015
- (21) 1704/2015
- (44) February 2018
- (45) 19/06/2018
- (11) 28786

(51)	Int. Cl. ⁸ B66D 1/74
(71)	1. KITE GEN RESEARCH S.R.L (ITALY) 2. 3.
(72)	1. IPPOLITO, Massimo 2. 3.
(73)	1. 2.
(30)	1. (IT) TO2013A000323 - 22-04-2013 2. (PCT/IT2014/000082)- 26-03-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) IMPROVED PULLEY FOR HIGH-EFFICIENCY WINCH Patent Period Started From 26/03/2014 and Will end on 25/03/2034

(57) An improved pulley for winch, whereby the pulley is in contact with at least one section of rope included between an inlet section, connected to a working load, and an outlet section, with minimum or null tension, such pulley comprising a kinematic chain composed of peripheral supports.



PCT

- (22) 22/01/2015
- (21) 0118/2015
- (44) | February 2018
- (45) 20/06/2018
- (11) 28787

(51)	Int. Cl. 8 C09K 8/035, E21B 43/34
(71)	 Shell Internationale Research Maatschappij B.V. (Netherland) 3.
(72)	 JANSSEN, Albert Joseph Hendrik SUIJKERBUIJK, Bartholomeus Marinus Josephus Maria 3.
(73)	1. 2.
(30)	1. (US) 61/681,232 - 09-08-2012 2. (PCT/US2013/053896) -07-08-2013 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) PROCESS FOR PRODUCING AND SEPARATING OIL Patent Period Started From 07/08/2013 and Will end on 06/08/2033

(57) The present invention is directed to a process for producing and separating oil. An aqueous fluid having an ionic content of at most 0.15M and a total dissolved solids content of from 200 ppm to 10,000 ppm is introduced into an oil-bearing formation. Oil and water are produced from the formation subsequent to the introduction of the aqueous fluid into the formation. A demulsifier and a brine solution having a total dissolved solids content of greater than 10,000 ppm are mixed with the oil and water produced from the formation. Oil is then separated from the mixture of oil, water, demulsifier, and brine solution.



PCT

- (22) 10/11/2014
- (21) 1808/2014
- (44) December 2017
- (45) 19/06/2018
- (11) 28788

(51)	Int. Cl. ⁸ H04B 7/02 & H04L 5/00
(71)	1. TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) (SWEDEN) 2. 3.
(72)	1. HAMMARWALL, David 2. BERGMAN, Svante 3.
(73)	1. 2.
(30)	1. (US) 13/469,843 - 11-05-2012 2. (PCT/SE2013/050514-) 07-05-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHODS AND ARRANGEMENTS FOR CSI REPORTING Patent Period Started From 07/05/2013 and Will end on 06/05/2033

(57) Some embodiments provide a method in a wireless device for reporting channel state information, CSI, for a CSI process. The CSI process corresponds to a reference signal resource and an interference measurement resource. According to the method, the wireless device obtains an adjustment value associated with the CSI process. The wireless device estimates an effective channel based on one or more reference signals received in the reference signal resource, and applies the adjustment value to the estimated effective channel, thereby obtaining an adjusted effective channel. Furthermore, the wireless device determines channel state information based on the adjusted effective channel, and on interference estimated based on the interference measurement resource. Finally, the channel state information is transmitted to a network node.



PCT

- (22) 22/12/2014
- (21) 2065/2014
- (44) December 2017
- (45) 19/06/2018
- (11) 28789

(51)	Int. Cl. 8 A47J 19/06, 43/07, 19/02
(71)	1. KIM, Young Ki 2. 3.
(72)	1. KIM, Young Ki 2. 3.
(73)	1. 2.
(30)	1. (KR) 10-2012-0071162 - 29-06-2012 2. (KR) 10-2013-0065189 - 07-06-2013 3. (PCT/KR2013/005675) - 27-06-2013
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

JUICER Patent Period Started From 27/06/2013 and Will end on 26/06/2033

(57) The present invention relates to a juicer in which: a driving shaft hole having a driving shaft inserted therein is formed on the lower part of a rotary brush, which is mounted between an inner wall of a housing and an outer wall of a net drum and has opened upper and lower surfaces and has a net brush for brushing the outer wall of the net drum, so that the driving shaft hole is rotationally mounted on a body; and a screw is arranged inside the net drum and has a screw spiral formed on the outer surface thereof, wherein a screw coupling protrusion or a screw coupling groove is formed on the upper part of the screw and a rotary brush coupling groove or a rotary brush coupling protrusion is formed on the upper part of the rotary brush such that the screw coupling protrusion and the rotary brush coupling groove are coupled or the screw coupling groove and the rotary brush coupling protrusion are coupled in such a manner that the rotary brush is directly rotated by the screw during the rotation of the screw, thereby reducing a failure rate caused by damage to or wearing down of components such as gears and the like and providing a simple and easy assembling operation.



PCT

- (22) 10/03/2015
- (21) 0364/2015
- (44) | February 2018
- (45) 190/06/2018
- **(11)** | **28790**

(51)	Int. Cl. ⁸ B04B 1/20
(71)	1. ALFA LAVAL CORPORATE AB (SWEDEN) 2.
	3.
(72)	1. MADSEN, Bent
	2. 3.
(73)	1.
(5.0)	2.
(30)	1. (DK) PA 2012 70567 - 14-09-2012
	2. (PCT/EP2013/068891) - 12-09-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A SCREW CONVEYOR FOR A CENTRIFUGAL SEPARATOR, ESPECIALLY A DECANTER CENTRIFUGE, AND A CENTRIFUGAL SEPARATOR Patent Period Started From 12/09/2013 and Will end on 11/09/2033

(57) A screw conveyor for a centrifugal separator comprises a conveyor hub carrying a helical conveyor flight and providing a helical channel between adjacent turns of helical conveyor flight. The screw conveyor has an upstream end and a down-stream end. At least two partition walls are arranged in a side-by-side relation to divide at least a radial part of a length of the helical channel into three sub-channels arranged in a side-by-side relation to cause a liquid flowing in the helical channel to flow in an upstream direction towards the up-stream end in an intermediate sub-channel and in an opposite down-stream direction towards the down-stream end in two adjacent sub-channels on either side of the intermediate sub-channel.



PCT

- (22) 20/06/2017
- (21) 1076/2017
- (44) January 2018
- (45) 19/06/2018
- **(11)** | **28791**

(51)	Int. Cl. 8 A61F 13/15, 13/496
(71)	1. UNICHARM CORPORATION (JAPAN) 2. 3.
(72)	 YOSHIOKA, Toshiyasu FUKASAWA, Jun NAGASE, Noriko
(73)	1. 2.
(30)	1. (JP) 2014-262708 - 25-12-2014 2. (JP) 2015-131815 - 30-06-2015 3. (JP) 2015-220183 - 10-11-2015 4. (JP) 2015-220184 - 10-11-2015 5. (JP) 2015-252866 - 25-12-2015 6. (US) 2015-131816 - 30-06-2015 7. (PCT/JP2015/086266) - 25-12-2015
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	DISPOSABLE DIAPER
	Patent Period Started From 25/12/2015 and Will end on 24/12/2035

(57) A disposable diaper of the present invention includes an absorbent main body, a back waist portion located on one end side of the absorbent main body, and a abdomen waist part located on another end side of the absorbent main body, wherein a horizontal center portion of the abdomen waist portion, a cut portion is provided at an upper vertical end of the abdomen waist portion, A plurality of elastic members that extend along the horizontal direction are provided in the abdomen waist portion, a first region that extends along the horizontal direction and a second region that extends along the horizontal direction and is located lower in the vertical direction with respect to the first region are provided between a lower end of the cut portion and an upper end of the absorbent core in the vertical direction, Wrinkles are formed in the first region and the second region by contraction of the elastic members. And in a range includes at least a location where the cut portion is provided in the horizontal direction, a number of wrinkles formed in the first region is less than the number of wrinkles formed in the second region.



PCT

- (22) 10/09/2015
- (21) | 1473/2015
- (44) February 2018
- (45) 19/06/2018
- (11) 28792

(51)	Int. Cl. 8 E05B 27/10, 27/00, 19/06
(71)	1. WINLOC AG (Switzerland) 2. 3.
(72)	1. WIDEN, Bo 2. 3.
(73)	1. 2.
(30)	1. (SE) 1350346-1 - 20-03-2013 2. (PCT/SE2014/050337) - 20-03-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CYLINDER LOCK AND KEY COMBINATION WITH A DUAL TUMBLER ASSEMBLY AND A KEY THEREFORE Patent Period Started From 20/03/2014 and Will end on 19/03/2034

(57) A cylinder lock and key combination is disclosed, comprising a key with an elongate key blade, and a lock having a rotatable key plug with a key slot and at least one dual tumbler assembly for locking the key plug against rotation. The dual tumbler assembly includes an outer pin which is movable elevationally in a chamber in the key plug, and an inner pin which is movable telescopically in a cylindrical bore in said outer pin. The outer pin is provided with at least one key contacting end portion for engagement with a first code portion of said key blade upon insertion thereof in the key slot of the lock, and the inner pin is also provided with at least one key contacting end portion, for engagement with a second code portion of the key blade. The key contacting end portions of the outer and inner pins of the tumbler assembly are located adjacent to each other at axially and radially welldefined code positions relative to a centre-line (C) of the tumbler assembly, and the code position of the key contacting end portion situated at a circumferentially coded position at a radial distance from the centre-line (C) of the tumbler assembly.



PCT

- (22) 21/04/2013
- (21) 0666/2013
- (44) | February 2018
- (45) 20/06/2018
- (11) 28793

(51)	Int. Cl. 8 C23C 14/56, 16/54 & C03C 17/00
(71)	1. AGC GLASS EUROPE (Belgium)
	2. 3.
(72)	1. YONEMICHI, Tomohiro
	2. WIAME, Hugues
	3. LECOMTE, Benoit
(73)	1.
	2.
(30)	1. (EP) 10188560.6 - 22-10-2010
(0 0)	2. (PCT/EP2011/068176) - 18-10-2011
	3.
(74)	SAMAS CO
(12)	Patent

PROCESS AND MODULAR COATER FOR DEPOSITING A MULTILAYERS COATING STACK

Patent Period Started From 18/10/2011 and Will end on 17/10/2031

(57) The present invention relates to a process and modular coater for depositing a multilayers coating stack on a flat glass substrate. The process comprising depositing in an uninterrupted way by means of cathodic sputtering under a pressure at least a first layer in a first depositing zone and at least a second layer in a second depositing zone. Said modular coater comprising gas separation zone disposed between two depositing zones of the modular coater comprises at least one gas injector in the vicinity of the convoying path for the glass substrate which passes through apertures from a depositing zone towards the other depositing zone via the separation zone.



PCT

- $(22) | 29/05/201\overline{4}$
- (21) 0871/2014
- (44) | February 2018
- (45) 20/06/2018
- (11) 28794

(51)	Int. Cl. ⁸ C08K 5/17, 5/23
(71)	1. DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED (INDIA) 2. 3.
(72)	 SUBRAMANIYAM, Mahesh 3.
(73)	1. 2.
(30)	1. (IN) 3383/MUM/2011 - 02-12-2011 2. (PCT/IN2012/000758) - 21-11-2012 3.
(74)	SMAS CO
(12)	Patent

- (54) AMINE AND NITROXIDE BASED ADDITIVE COMPOSITION FOR CONTROL AND INHIBITION OF POLYMERIZATION OF STYRENE, AND METHOD OF USE THEREOF
 - Patent Period Started From 21/11/2012 and Will end on 20/11/2032
- (57) The present invention relates to additive composition for controlling and inhibition of polymerization of aromatic vinyl monomers including styrene comprising:
 - (a) one or more of nitroxide (i.e. nitroxyl) compounds; and characterized in that the said composition further comprises one or more of
 - (b) aliphatic amines selected from a group comprising tertiary amines, secondary amines and primary amines.

In one embodiment, the present invention also relates to method of use of presently provided composition. In another embodiment, the present invention also relates to method of controlling and inhibiting polymerization of aromatic vinyl monomers including styrene by employing presently provided composition. In still another embodiment, the present invention also relates to method of preparation of presently provided composition.



PCT

- (22) 09/09/2015
- (21) 1458/2015
- (44) February 2018
- (45) 24/06/2018
- (11) 28795

(51)	Int. Cl. 8 B25B 13/50, 13/02
(71)	1. HUWE INC (Canada) 2. 3.
(72)	 Dumaine, Marc Matthewson, Larry Matthewson, Larry
(73)	1. 2.
(30)	1. (US) 13/801,606 - 13-03-2013 2. (PCT/CA2013/000237) - 14-03-2013 3.
(74)	SHADY FAROUK MOBARK
(12)	Patent

(54) HAMMER UNION WRENCH Patent Period Started From 14/03/2013 and Will end on 13/03/2033

(57) A tool for actuating hammer unions. The tool provides for an arcuate tool head having an aperture which receives the lug or tab of the union. Extending outwardly from the arcuate tool head is a lever member which is designed to receive a handle [selected by the user for appropriate length and torque] for the user to hold and apply the necessary amount of torque to tighten or loosen the hammer union. By receiving the tab in the arcuate head, the user is precluded from damaging the tabs or lugs since no impact is received by the latter and a maximum amount of work can be done safely by the user.



PCT

- (22) 10/09/2015
- (21) 1475/2015
- (44) | February 2018
- (45) 24/06/2018
- **(11)** | **28796**

(51)	Int. Cl. 8 B01J 8/04, 8/02, 23/26
(71)	1. CLARIANT CORPORATION (UNITED STATES OF AMERICA) 2. 3.
(72)	 FRIDMAN, Vladimir PANDITRAO, Sunil S 3.
(73)	1. 2.
(30)	1. (US) 61/781,531 - 14-03-2013 2. (PCT/US2014/024075)- 12-03-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD OF SHUTTING DOWN A REACTOR Patent Period Started From 12/03/2014 and Will end on 11/03/2034

(57) A procedure for shutting down a dehydrogenation reactor having a catalyst bed with a chromium-containing catalyst operating at a first elevated temperature comprises cooling the catalyst bed with a first cooling gas to a second elevated temperature lower than the first elevated temperature, removing the first cooling gas, introducing a reducing gas to the catalyst bed, cooling the catalyst bed with a second cooling gas from the second elevated temperature to a third elevated temperature, removing the reducing gas, cooling the catalyst bed to a fourth elevated temperature, and introducing air to cool the catalyst to ambient temperature, whereby the dehydrogenation reactor is shut down. The second cooling gas may be the same as, or different from, the reducing gas. Moreover, the reducing gas may be purged from the reactor by a third cooling gas.



PCT

- (22) 10/06/2015
- (21) 0945/2015
- (44) February 2018
- (45) 24/06/2018
- (11) 28797

(51)	Int. Cl. 8 B65D 85/804
(71)	1. K-fee System GmbH (GERMANY) 2. 3.
(72)	1. EMPL, Günter 2. 3.
(73)	1. 2.
(30)	1. (DE) 10 2012 223 291.5 - 14-12-2012 2. (PCT/EP2013/074716) - 26-11-2013 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) PORTION CAPSULE AND METHOD FOR PRODUCING A BEVERAGE BY MEANS OF A PORTION CAPSULE Patent Period Started From 26/11/2013 and Will end on 25/11/2033

(57) The invention relates to a portion capsule for producing a beverage, comprising a capsule body, which has a capsule bottom and a filling side, wherein a cavity for accommodating a powdery or liquid beverage substrate is formed between the capsule bottom and the filling side, wherein a filter element is arranged between the beverage substrate and the capsule bottom.



PCT

- (22) 27/05/2015
- (21) 830/2015
- (44) | February 2018
- (45) 24/06/2018
- (11) 28798

(51)	Int. Cl. 8 B65D 85/804 & A23F 3/14
(71)	 K-fee System GmbH (GERMANY) 3.
(72)	 EMPL, Günter EPPLER, Wolfgang THROM, Andre
(73)	1. 2.
(30)	1. (DE) 10 2012 111 684.9 - 30-11-2012 2. (PCT/EP2013/074651) - 25-11-2013 3.
(74)	NAHED WADIH RIZK
(12)	Patent

SINGLE SERVE CAPSULE FOR PRODUCING A COFFEE BEVERAGE WITHOUT CREMA

Patent Period Started From 25/11/2013 and Will end on 24/11/203

(57) The invention relates to a single serve capsule for producing a coffee beverage. The single serve capsule has a capsule base body, in which a textile fabric and a beverage substance are arranged, said beverage substance being provided in the single serve capsule in order to be stored and to be extracted from said capsule through the textile fabric by means of pressurised hot water. The beverage substance is substantially in powder form and comprises roasted, ground coffee, and the textile fabric has a mass per unit area of at least 100 g/m2.



PCT

- (22) 02/12/2012
- (21) | 1987/2012
- (44) January 2018
- (45) 24/06/2018
- (11) 28799

(51)	Int. Cl. 8 A01N 27/00 & A61K 9/14
(71)	1. SYNGENTA PARTICIPATIONS AG
	2. 3.
(72)	1. FOWLER, Jeffrey David
	2. KIM, Sejong
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(73)	1.
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(30)	1. (US) 61/352,252 - 07-06-2010
()	2. (PCT/US2011/039461) - 07-06-2011
	3.
(74)	NAHED WADIH RIZK
(-)	
(12)	Patent

(54)	CYCLOPROPENE COMPOSITIONS	
	Patent Period Started From 07/06/2011 and Will end on 06/06/2031	

- (57) Stabilized liquid cyclopropene compositions are provided which comprise flowable, non-aqueous dispersion concentrates comprising
 - a) a continuous substantially water- immiscible liquid phase and,
 - b) a dispersed solid phase comprising cured polymer particles prepared from a polymerizable thermoset resin which particles contain at least one cyclopropene complex, optionally a non-porous particulate mineral, and optionally a non-cross-linkable mobile chemical distributed therein, and wherein the outside surfaces of the particles comprise a colloidal solid material. The compositions of the invention can be used directly or with dilution to combat pests or as plant growth regulators.



PCT

- (22) 12/01/2015
- (21) 0046/2015
- (44) | February 2018
- (45) 24/06/2018
- **(11)** | **28800**

(51)	Int. Cl. 8 C10G 9/36
(71)	1. LINDE AKTIENGESELLSCHAFT (GERMANY)
	2.
	3.
(72)	1. SCHMIDT, Gunther
, ,	2. FRITZ, Helmut
	3. WALTER, Stefanie
(73)	1.
	2.
(30)	1. (EP) 12005783.1 - 09-08-2012
(00)	2. (PCT/EP2013/002348) - 06-08-2013
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) METHOD FOR PRODUCING OLEFINS BY THERMAL STEAM-CRACKING

Patent Period Started From 06/08/2013 and Will end on 05/08/2033

(57) The invention relates to a method for reacting hydrocarbon feedstocks by thermal steam-cracking to form at least one olefin-containing product stream that contains at least ethylene and propylene, wherein a hydrocarbon feedstock is reacted at least partially in at least one cracking furnace (2), wherein the hydrocarbon feedstock is reacted in the cracking furnace (2) under mild cracking conditions, mild cracking conditions meaning that propylene is present in a ratio of 0.81 to 1.6 kg/kg of ethylene at the cracking furnace outlet and wherein the hydrocarbon feedstock contains primarily hydrocarbons with a carbon number of at most 6, preferably at most 5.



PCT

- (22) 08/12/2014
- (21) 1983/2014
- (44) January 2018
- (45) 24/06/2018
- **(11)** | **28801**

(51)	Int. Cl. ⁸ H02B 7/08 & E02D 29/12
(71)	 Berthold Sichert GmbH (GERMANY) 3.
(72)	 IRMER, Günter PERSCHON, Helmut
(73)	1. 2.
(30)	1. (DE)10 2012 105 274.3 - 18-06-2012 2. (PCT/EP2013/061829) -07-06-2013 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) UNDERGROUND SWITCH CABINET FOR ELECTRIC INSTALLATION Patent Period Started From 07/06/2013 and Will end on 06/06/2033

(57) In order to house electric components for telecommunications networks, photovoltaic systems, radio masts, or the like in a theft-proof manner and at a constant temperature to the extent possible, an underground switch cabinet is provided. According to the invention, an underground container, which is made of plastic and generally produced from a main container and a container tower placed on the main container, is lowered into the ground and firmly anchored. The required electric switch cabinet components can be installed and wired in the underground switch cabinet in corresponding racks. The length of the container tower is variable, and the fixtures are preferably or exclusively secured inside the underground container, which is generally made of plastic, by way of positive engagement and without threaded connection.



PCT

- (22) 26/10/2008
- (21) 1754/2008
- (44) December 2017
- (45) 24/06/2018
- (11) 28802

(51)	Int. Cl. 8 F03D 5/00, 3/00, 7/00, 7/06
(71)	1. KITE GEN RESEARCH S.R.L. (ITALY) 2. 3.
(72)	1. MASSIMO, Ippolito 2. 3.
(73)	1. 2.
(30)	1. (PCT/IT2006/000343)-10-05-2006 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SYSTEM AND PROCESS FOR AUTOMATICALLY CONTROLLING THE FLIGHT OF POWER WING AIRFOILS Patent Period Started From 10/05/2006 and Will end on 09/05/2026

(57) A system is described for automatically controlling the flight of at least one power wing airfoil , comprising first detecting means on board of such power wing airfoil adapted to detect first pieces of information dealing with at least one position and one orientation in space of the power wing airfoil and accelerations to which the power wing airfoil is subjected; second detecting means on the ground adapted to detect tension on the driving cables of the power wing airfoil and a position of a driving unit counterweight; processing and controlling means adapted to transform the contents of such information into a mechanical drive operating on the winches of the driving unit to drive the power wing airfoil along a flight trajectory TVI, TV2, TV3, ..., TVn maximising a 'lift' effect generated on the power wing airfoil. A process is further described for automatically controlling the flight of at least one power wing airfoil through the system.



PCT

- (22) 18/07/2016
- (21) 0075/2016
- (44) December 2017
- (45) 24/06/2018
- (11) 28803

(51)	Int. Cl. 8 A23C 9/137 & C08B 31/00, 31/06	& A23L 29/219
(71)	1. CORN PRODUCTS DEVELOPMENT, 2. 3.	INC (BRAZIL)
(72)	1. SISTRUNK,CALLEN 2. JEZEQUEL, VALERIE 3. VAZ, JUDITH 4. YILDIZ, ERHAN	5. MUCH, FLORIAN 6. CLUNE, HANNA 7. HANCHETT, DOUGLAS
(73)	1. 2.	
(30)	1. (US) 62/196,381 - 24-07-2015 2. (US) 15/194,123 - 27-06-2016 3.	
(74)	Amr Mofed El Deeb	
(12)	Patent	

(54) LOW PROTEIN YOGURTS CONTAINING MODIFIED STARCHES Patent Period Started From 18/07/2016 and Will end on 17/07/2036

(57) A low protein yogurt composition is provided comprising water, at least one dairy ingredient and a crosslinked waxy starch, wherein the crosslinked waxy starch is crosslinked with phosphate groups and has a peak Brabender viscosity of from about 600 to about 1500 Brabender units, and the cross-linked waxy starch is present in an amount sufficient to add viscosity to the yogurt. The crosslinked waxy starch can also be stabilized by acetylation to obtain longer shelf life.



PCT

- (22) 03/09/2013
- (21) | 1388/2013
- (44) December 2017
- (45) 24/06/2018
- (11) 28804

(51)	Int. Cl. 8 H02K 5/128, 9/197
()	
(71)	1. NUOVO PIGNONE S.P.A (ITALY)
	2.
	3.
(72)	1. MEI, Luciano
, ,	2. PINZAUTI, Massimo
	3.
(73)	1.
, ,	2.
(30)	1. (PCT/EP2011/054498) - 23-03-2011
(0 0)	2.
	3.
(74)	Abdul Hadi Intellectual Propert
(12)	Patent

(54) ELASTIC CONE FOR HERMETICALLY SEALED STATOR, CORRESPONDING MOTOR AND MANUFACTURING METHOD Patent Period Started From 23/03/2011 and Will end on 22/03/2031

(57) A motor includes a casing having a cavity, a stator configured to be attached to an inside of the cavity, an elastic cone configured to be attached to a first end of the casing, a rigid cone configured to be attached to a second end of the casing that is opposite to the first end, a non-metallic part configured to be attached to the elastic cone and the rigid cone, and a rotor provided inside the cavity and configured to rotate inside the stator. The casing, the elastic cone, the rigid cone, and the non-metallic part form a hermetic enclosure in which the entire stator is enclosed and the hermetic enclosure is configured to hold a cooling fluid that cools the stator and also to prevent the cooling fluid to reach the rotor.



PCT

- (22) 04/04/2014
- (21) 1632/2014
- (44) December 2017
- (45) 26/06/2018
- (11) | 28805

(51)	Int. Cl. ⁸ C07D 403/12 A01N 43/713
(71)	1. SUMITOMO CHEMICAL COMPANY (JAPAN) 2. 3.
(72)	 ARIMORI, Sadayuki MATSUZAKI, Yuichi YOSHIMOTO, Yuya
(73)	1. 2.
(30)	1. (JP) 2012 -102452 - 27-04-2012 2. (PCT/JP2013/062875) - 26-04-2013 3.
(74)	ABDELHADI
(12)	Patent

(54) TETRAZOLINONE COMPOUNDS AND ITS USE AS PESTICIDES Patent Period Started From 26/04/2013 and Will end on 05/04/2033

for controlling pests. A tetrazolinone compound of a formula (1): [wherein R1 represents an C6-C16 aryl group, an C1-C12 alkyl group, or a C3-C12 cycloalkyl group, etc., which each optionally be substituted; R2, R3, R4 and R5 represent independently of each other a hydrogen atom, a halogen atom or an C1-C3 alkyl group, etc.; R6 represents an C1-C6 alkyl group, a C3-C6 cycloalkyl group, a halogen atom, a C1-C6 haloalkyl group, an C2-C6 alkenyl group, an C1-C6 alkoxy group, or a C1-C6 haloalkoxy group, etc.; R7, R8 and R9 represent independently of each other a hydrogen atom, a halogen atom, or an C1-C4 alkyl group, etc.; X represents an oxygen atom or a sulfur atom; and R10 represents an C1-C6 alkyl group, etc.] shows an excellent controlling efficacy on pests.

$$R^{1}$$
 R^{2}
 R^{3}
 R^{4}
 R^{6}
 R^{7}
 R^{8}
 R^{9}
 R^{10}



PCT

- (22) 06/01/2015
- (21) 0026/2015
- (44) February 2018
- (45) 27/06/2018
- (11) 28806

(51)	Int. Cl. 8 C21C 5/34 & F27D 3/16	
(71)	1. REFRACTORY INTELLECTUAL PROP 2. 3.	ERTY GMBH & CO.KG (AUSTRIA)
(72)	 TRUMMER,BERND Klikovich,Michael KULP,ROMAN 	4. Kneis,Leopold
(73)	1. 2.	
(30)	1. (EP) 121819023 - 27-08-2012 2. (PCT/EP2013/066531) - 07-08-2013 3.	
(74)	MOHAMAD BEKEER	
(12)	Patent	

(54) GAS PURGING ELEMENT AND ASSOCIATED GAS FEED LINE Patent Period Started From 07/08/2013 and Will end on 6/08/2033

(57) The invention relates to a gas purging element on a metallurgical vessel and to an associated gas feed line.

Arab Republic of Egypt

Ministry of State for Scientific Research Academy of Scientific Research & Technology



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN JULY 2018"

Egyptian Patent Office

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Preface

We are on the verge of a new era which is founded on the basis of technological development and hence, we have to follow it in all fields of national development. Technology has become the basis for the increase in national income and production and hence, scientific research has become our real hope as a way for advancement and as a necessity for life.

Emerging from the responsibility of the Academy of Scientific Research and Technology towards strengthening the pillars of science and technology, I have the pleasure to introduce the Granted Patent's Abstracts of the Publication of Patents monthly, Which includes bibliographical data. This periodical is directed to all those interested in the vital field of Intellectual property which encompasses patents, innovations and creative works.

I hope that this publication meets its targeted objective, namely increasing the welfare, prosperity and advancement for our beloved country, Egypt.

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

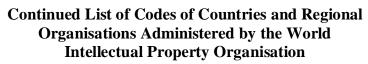
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Priority Date	30
Priority Country	
Issuance Date	45
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Patentee Name	73
Patent Attorney Name	74



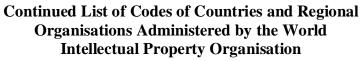
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IE	Ireland



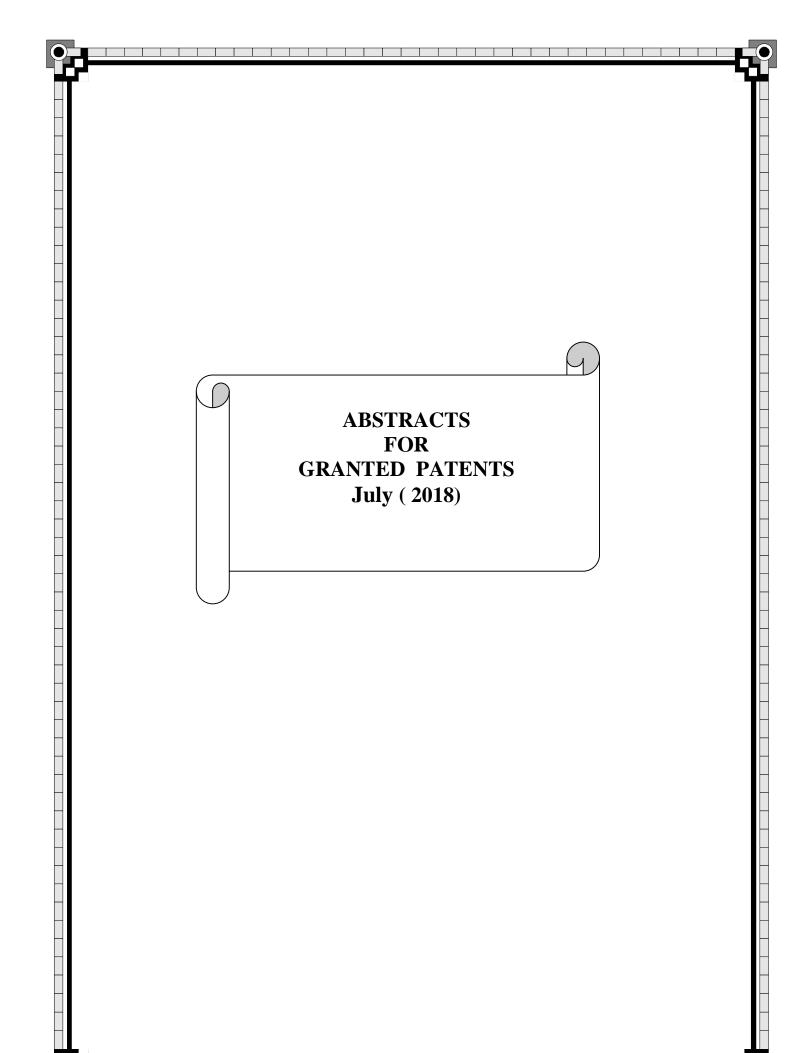
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KZ	Kozakhstan
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TJ	Tajikistan
TH	Thailand
TM	Turkmenistan
TN	Tunisia
TR	Turkey
TT	Trindad and Topago
TW	Taiwan
TZ	United Republic of Tanzania
UA	Ukraine
UG	Uganda
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

Code	Country
VE	Venezuela
VN	Viet Nam
YD	Yemen
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe





PCT

- (22) 27/01/2015
- (21) 0145/2015
- (44) | February 2018
- (45) 02/07/2018
- (11) 28807

(51)	Int. Cl. 8 E21B 43/34, 43/22 & C09K 8/02
(71)	 Shell Internationale Research Maatschappij B.V. 3.
(72)	 JANSSEN, Albert Joseph Hendrik SUIJKERBUIJK, Bartholomeus Marinus Josephus Maria 3.
(73)	1. 2.
(30)	1. (US) 61/681.236 - 09-08-2012 2. (PCT/US2013/053917) - 07-08-2013 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) SYSTEM FOR PRODUCING AND SEPARATING OIL Patent Period Started From 07/08/2013 and Will end on 06/08/2033

(57) The present invention is directed to a system for producing and separating oil. The system comprises an oil-bearing formation, a low salinity aqueous fluid having an ionic strength of less than 0.15M and having a total dissolved solids content of from 200 ppm to 10000 ppm, a brine solution having a total dissolved solids content of greater than 10000 ppm, and a demulsifier. The system further comprises a mechanism for introducing the low salinity aqueous fluid into and oil-bearing formation, a mechanism for producing oil and water from the formation subsequent to introducing the low salinity aqueous fluid into the formation, and a mechanism for contacting the brine solution and the demulsifier with the oil and water produced from the formation and for separating the produced oil from the produced water.



PCT

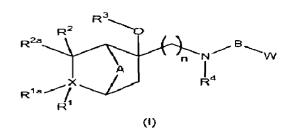
- (22) 25/10/2009
- (21) 1578/2009
- (44) January 2018
- (45) |02/07/2018
- (11) 28808

(51)	Int. Cl. 8 A61K 31/4184, A61P 9/00, 9/06, 9/10, 9/12, C07C 215/42, 219/24 &C07D 213/36, 215/12,
` '	217/14, 233/64, 235/14, 401/12, 409/12, 413/12, 417/12, 453/06, 491/04
(71)	1. ACTELION PHARMACEUTICALS LTD
	2.
	3.
(72)	1. HILPERT, Kurt
, ,	2. HUBLER, Francis
	3. RENNEBERG, Dorte
(73)	1. 2008/4/25
. ,	2.
(30)	1. (PCT/IB2008/051599) – 25-04-2008
()	2. (PCT/IB2007/051581) - 27-04-2007
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) BRIDGED SIX-MEMBERED RING COMPOUNDS AS CALCIUM CHANNEL BLOCKERS

Patent Period Started From 25/04/2008 and Will end on 24/04/2028

(57) The invention relates to compounds of formula (I), wherein R¹, R², R^{1a}, R^{2a}, R³, R⁴, A, B, X, W and n are as defined in the description, and pharmaceutically acceptable salts of such compounds. These compounds are useful as calcium channel blockers.





PCT

- (22) 19/01/2016
- (21) 0090/2016
- (44) January 2018
- (45) 03/07/2018
- (11) 28809

(51)	Int. Cl. 8 C21B 13/02 & C22B 1/16, 1/20
(71)	1. NIPPON STEEL & SUMITOMO METAL CORPORATION (JAPAN)
	2. 3.
(72)	1. MIZUTANI Moritoshi
	2. NISHIMURA Tsunehisa
	3.
(73)	1.
	2.
(30)	1. (JP) 2013-156408 - 29-07-2013
(/	2. (JP) 2014-090491 - 24-04-2014
	3. (PCT/JP2014/069683) - 25-07-2014
(74)	NAHED WADIH RIZK
(12)	Patent

(54) RAW MATERIAL FOR DIRECT REDUCTION APPLICATIONS, METHOD FOR PRODUCING RAW MATERIAL FOR DIRECT REDUCTION APPLICATIONS, AND METHOD FOR PRODUCING REDUCED IRON

Patent Period Started From 25/07/2014 and Will end on 24/07/2034

(57) A raw material for direct reduction applications is to be reduced in a shaft furnace, and comprises: a raw material; and a coating layer that coats the periphery of the raw material and has a porous structure having a porosity of 20 vol% or more.



PCT

- (22) 12/05/2015
- (21) 0731/2015
- (44) March 2018
- (45) 04/07/2018
- (11) | 28810

(51)	Int. Cl. 8 E05D 306/00
(71)	1. D.G.N S.R.L (ITALY) 2.
	3.
(72)	1. Danielle Zetti,
	2. 3.
(73)	1. 2.
(30)	1. (IT) MO2014A000143 - 23-05-2014
	2. 3.
(74)	MAGDA SHEHATA HAROUN
(12)	Patent

(54) SNAP HINGE WITH DAMPED CLOSING Patent Period Started From 12/05/2015 and Will end on 11/05/2035

A snap hinge with damped closing, comprising a first articulated quadrilateral defined by a coupling plate that can be associated with a fixed element, a first lever and a third lever, which are articulated to the coupling plate, and a second lever, which is interposed between the preceding levers and is articulated thereto, and a second articulated quadrilateral that comprises a fixing plate that can be associated with a movable element with which are associated and articulated respective ends of the second lever and of a fourth lever, the opposite end of which is associated and articulated with the first lever; the hinge is adapted to assume alternately an open configuration and a closed configuration, in which the plates have various main arrangements with respect to each other, rotating about a substantially horizontal rotation axis; the hinge is provided with at least one damping element that acts during closing and is interposed directly between the coupling plate and the second lever, the damping element having mutually opposite ends thereof articulated about respective fixed pivots associated with the fixing plate and with the second lever.



PCT

- (22) 17/12/2013
- (21) 1926/2013
- (44) March 2018
- (45) | 08/ 07 / 2018
- (11) | 28811

(51)	Int. Cl. 8 E21B 10/46 & B22F 5/00
(71)	 Baker Hughes Incorporated (UNITED STATES OF AMERICA) 3.
(72)	1. XU, Zhiyue 2. 3.
(73)	1. 2.
(30)	1. (US) 13/194.361 - 29-07-2011 2. (PCT/US2012/047379)- 19-07-2012 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) EXTRUDED POWDER METAL COMPACT Patent Period Started From 19/07/2012 and Will end on 18/07/2032

(57) A powder metal compact is disclosed. The powder compact includes a substantially elongated cellular nanomatrix comprising a nanomatrix material. The powder compact also includes a plurality of substantially elongated dispersed particles comprising a particle core material that comprises Mg, Al, Zn or Mn, or a combination thereof, dispersed in the cellular nanomatrix. The powder compact further includes a bond layer extending throughout the cellular nanomatrix between the dispersed particles, wherein the cellular nanomatrix and the dispersed particles are substantially elongated in a predetermined direction.



PCT

- (22) 22/07/2018
- (21) 1214/2014
- (44) January 2018
- (45) 08/07/2018
- (11) 28812

(51) Int. Cl. ⁸ C11D 3/04, 3/386
(71) 1. HENKEL AG CO.KGAA (GERMANY) 2.
3.
(72) 1. PEGELOW, Ulrich 2. BUISKER, Detlef
3. RASCHKE, Ines
(73) 1. 2.
(30) 1. (DE) 10 2012 200 959.0 - 24-01-2012
2. (PCT/EP2013/051340) - 24-01-2013
3.
(74) SAMAR AHMED EL LABBAD
(12) Patent

(54)	ENZYME-CONTAINING WASHING OR CLEANING
	COMPOSITION COMPRISING CALCIUM NITRATE
	Patent Period Started From 24/01/2013 and Will end on 23/01/2033

(57) The stabilization of enzymes in washing or cleaning compositions, especially in liquid aqueous washing or cleaning compositions, is possible through the use of only small amounts of calcium nitrate.



PCT

- (22) 08/11/2014
- (21) 1845/2014
- (44) January 2018
- (45) 08/07/2018
- (11) 28813

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(51)	Int. Cl. ⁸ F12L 15/04
(71)	 VALLOUREC OIL & GAS FRANCE (France) NIPPON STEEL & SUMITOMO METAL CORPORATION (France) 3.
(72)	1. GOTO, Kunio 2. 3.
(73)	1. 2.
(30)	1. (JP) 2012-117550 -21-05-2012 2. (PCT/JP2013/064558) - 21-05-2013 3.
(74)	SMAS CO.
(12)	Patent

(54) TUBULAR THREADED JOINT HAVING IMPROVED HIGH-TORQUE MAKEUP PROPERTIES

Patent Period Started From 21/05/2013 and Will end on 20/05/2033

(57) In a tubular threaded joint composed of a pin and a box each having a contact surface comprising a threaded portion and an unthreaded metal contact portion including a seal portion and a shoulder portion, a solid lubricating coating having a relatively high Knoop hardness is formed on a portion including the shoulder portion of the contact surface (such as the unthreaded metal contact portion including the shoulder portion and the seal portion) of at least one of the pin and the box, and a solid lubricating coating having a relatively low Knoop hardness is formed at least on the remaining portion of the contact surface (such as the threaded portion). The tubular threaded joint has excellent galling resistance, gas tightness, and rust preventing properties, and since it has a large ΔT, it does not readily undergo yielding of shoulder portions even when it is made up with a high torque, thereby making it possible to perform makeup in a stable manner.



PCT

- (22) 04/08/2009
- (21) 1185/2009
- (44) February 2018
- (45) 09/07/2018
- (11) 28814

(51)	Int. Cl. 8 C07C 231/12, 233/11, 233/91, C07D 209/48
(71)	1. Les Laboratoires Servier (France) 2.
	3.
(72)	1. CHRISTOPHE HARDOUIN
	2. JEAN-PIERRE LECOUVE
	3. NICOLAS BRAGNIER
(73)	1.
, ,	2.
(30)	1. (FR) . 08.04465 - 05/08/2008
	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) NEW PROCESS FOR THE SYNTHESIS OF AGOMELATINE Patent Period Started From 04/08/2009 and Will end on 03/08/2029

(57) Process for the industrial synthesis of the compound of formula (I).



PCT

- (22) 03/04/2014
- (21) 0531/2014
- (44) March 2018
- (45) 09/07/2018
- (11) 28815

(51)	Int. Cl. ⁸ B65D 41/12
(71)	 FRISHMAN, Abe (UNITED STATES OF AMERICA) 3.
(72)	1. FRISHMAN, Abe 2. 3.
(73)	1. 2.
(30)	1. (US) 13/267,264 - 06-10-2011 2. (PCT/US2012/047949) - 24-07-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	REDUCED GAUGE BOTTLE CAP
	Patent Period Started From 24/07/2012 and Will end on 23/07/2032

(57) A reduced gauged crown for a container opening includes a corrugated panel portion such that the corrugation strengthens the crown material and allows less material to be used for the crown than would be used for an uncorrugated bottle cap.



PCT

- (22) 10/11/2013
- (21) | 1708/2013
- (44) | March 2018
- (45) 09/07/2018
- (11) 28816

(51)	Int. Cl. 8 G06Q 20/12, 20/32 & G06K 9/18
(71)	1. ITWARU, Mark 2. 3.
(72)	1. ITWARU, Mark 2. 3.
(73)	1. 2.
(30)	1. (US) 13/105,803 - 11-05-2011 2. (CA) 2,741,240 - 27-05-2011 3. (US) 61/485,075 - 11-05-2011 4. (US) 13/397,215 - 15-02-2012 5. US) 13/397,297 - 15-02-2012 6. (PCT/CA2012/000223) - 12-03-2012 7. (PCT/CA2012/000453) - 11-05-2012
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SPLIT MOBILE PAYMENT SYSTEM Patent Period Started From 11/05/2012 and Will end on10/05/2032

of a split mobile payment system which allows a Consumer to pay for a purchase using his mobile device without exposing Payment Account information to the merchant. The split mobile payment system may include a mobile payment application (MP A), running on a Consumer's mobile device, which can communicate with a Payment Platform and merchant's in-store Point of Sale Payment Application (PPA). A barcode can be used as one means for identifying a Consumer's Payment Account to the Payment Platform via the PPA. In the event of a PIN being required, the PIN may be entered by the Consumer via the mobile device rather than the merchant's PPA.



PCT

(22) 09/11/2014

(21) 1802/2014

(44) March 2018

(45) | 09/07/2018

(11) 28817

(51)	Int. Cl. ⁸ F22B 1/00, 1/02 & F01K 3/24, 3/00, 7/22	
(71)	 YEDA RESEARCH AND DEVELOPMENT CO., LTD (ITALY) ENEA - CASACCIA RESEARCH CENTER (ITALY) STAMICARBON B.V. ACTING UNDER THE NAME OF MT INNOVATION CENTER 	
(72)		. FABRIZI, Fabrizio
(73)	1. 2.	
(30)	1. (EP) 12167509.4 - 10-05-2012 2. (PCT/NL2013/050351) - 10-05-2013 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) HYBRID SOLAR THERMAL PLANT AND METHOD Patent Period Started From 10/05/2013 and Will end on 09/05/2033

- (57) Method for modifying a solar thermal power plant operating on conventional oil based technology into a hybrid solar thermal power plant, wherein the method comprises:
 - * providing an oil based solar thermal power plant comprising a solar collection system with at least one radiation absorber tube containing a heat transfer oil to be heated by means of the solar collection system,
 - * providing an molten salts solar thermal power plant, wherein the molten salts solar thermal power plant comprises a solar collection system to heat a molten salts mixture
 - * coupling of the respective plants such that the hybrid solar thermal power plant is configured to heat medium temperature steam that is generated by the oil based solar power plant by means of the molten salts mixture thereby producing high temperature steam and subsequently supplying it to a steam turbine to generate electricity.



PCT

- (22) 12/08/2015
- (21) 1250/2015
- (44) January 2018
- (45) 10/07/2018
- (11) 28818

(51)	Int. Cl. 8 A01K 41/06
(71)	1. HATCHTECH GROUP B.V.
	2.
	3.
(72)	1. METER, Tjitze
	2.
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(73)	1.
()	2.
(30)	1. (HE) 2010301 - 14-02-2013
(00)	2. (PCT/NL2014/050089) - 13-02-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	TRAY FOR INCUBATING EGGS
	Patent Period Started From 13/02/2014 and Will end on 12/02/2034

(57) The invention relates to a tray for containing a number of eggs in an incubation chamber, the tray comprising a number of egg accommodation spaces in which space an egg is able to be hatched, and at least one passage for a chicken through which passage a chicken hatched from said egg may pass through the tray and enter a chicken accommodation space located below the tray.



PCT

- (22) 22/04/2015
- (21) 0628/2015
- (44) March 2018
- (45) 10/07/2018
- (11) 28819

(51)	Int. Cl. 8 E23D 14/06
(71)	1. SABAF S.P.A (ITALY) 2. 3.
(72)	 DORA, Massimo 3.
(73)	1. 2.
(30)	1. (PCT/IB2012/002148) - 26-10-2012 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	GAS BURNER	
	Patent Period Started From 26/10/2012 and Will end on 25/10/2032	

(57) As burner of the type comprising at least two flame spreaders, at least one diffusion chamber obtained between said at least two flame spreaders for the diffusion of a primary air/gas mixture for at least one of said at least two flame spreaders, and at least one cross-lighting duct for the flame passage between said at least two flame spreaders, said at least one duct being disposed transversally inside said at least one diffusion chamber so that to define a first and a second region in said at least one diffusion chamber and comprising two side walls and one upper wall, for the fluidic direct connection between said first and said second region of said at least one diffusion chamber, said upper wall being provided with at least one hole for the mixture inflow into said duct, characterized in that said at least one cross-lighting duct comprises at least one lower opening facing said upper wall of the cross-lighting duct.



PCT

- (22) 10/05/2015
- (21) | 1623/2015
- (44) March 2018
- (45) 10/07/2018
- (11) 28820

(51)	Int. Cl. 8 E21B 19/15 & E04B 1/30, 1/18, 1/35
(71)	1. GARCIA, Rolando, S (PHILIPPINES) 2. 3.
(72)	 GARCIA, Rolando, S 3.
(73)	1. 2.
(30)	1. (PCT/PH2013/000011) - 05-04-2013 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A CABLED PIPE RACK Patent Period Started From 05/04/2013 and Will end on 04/04/2033

(57) A cabled pipe rack is an assembly of structural elements put together to form a robust structural framework to function similar to conventional pipe rack. The invention employs tension cables to support lateral movements of transverse frames along the longitudinal direction. Tension cables are primarily anchored to the main anchoring structures strategically located at both ends of cabled pipe rack assembly. This structural assembly is a zero braced pipe rack completely eliminates pipe clashing issues to any bracing elements. This innovation have taken the structural benefits from a composite column made up of steel and concrete with a fully rigid connection at the base, and a fully welded joint connections of transverse beams and columns. The invention is a unique structural system seen as a suitable substitute to the conventional pipe rack.



PCT

- (22) 04/05/2015
- (21) 0692/2015
- (44) March 2018
- (45) 10/07/2018
- (11) 28821

(51)	Int. Cl. 8 H03G 3/32 & H04L 27/38, 27/26	
(71)	1. QUALCOMM INCORPORATED 2. 3.	
(72)	 MOTAMED, Mariam SAMPSON, Wesley A GOROKHOV, Alexei Yurievitch 	4. ZHAO, Pengkai
(73)	1. 2.	
(30)	1. (US) 61/723,730 - 07-11-2012 2. (US) 14/062,674 - 24-10-2013 3. (PCT/US2013/066975) - 25-10-2013	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) GAIN CONTROL FOR INTRA-BAND CARRIER AGGREGATION Patent Period Started From 25/10/2013 and Will end on 24/10/2033

(57) In a wireless communication system, carrier aggregation may be used to provide desired amounts of bandwidth, where a primary carrier and one or more secondary carriers are aggregated. At the receive side of a system in which the aggregated carriers are in a single frequency band, an amplifier may be used to apply a common gain to the aggregated carriers in the single frequency band, and the common gain may be determined as a function of indications of received signal quality associated with groups of aggregated carriers containing one or more of the aggregated carriers, where one group contains the primary carrier and possible one or more secondary carriers and another group contains only secondary carriers.



PCT

- (22) 12/05/2015
- (21) 0739/2015
- (44) March 2018
- (45) 10/07/2018
- (11) 28822

(51)	Int. Cl. 8 A63B 67/04, 69/00
(71)	1. TEQBALL HOLDING S.A R.L (Luxembourg) 2. 3.
(72)	1. BORSANYI, GAbor 2. 3.
(73)	1. 2.
(30)	1. (HU) U1200223 - 14-11-2012 2. (PCT/HU2013/000107)- 13-11-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) MULTI-PURPOSE SPORTS APPARATUS Patent Period Started From 13/11/2013 and Will end on 12/11/2033

(57) A multi-purpose sports apparatus, particularly for improving footballers' technical skills, comprising a foundation body with a playing surface having a convex top surface looking from the interior of the foundation body, an obstacle arranged on the foundation body, and a support structure separating the playing surface from the base. The support structure has an additional height adjustment unit which has one connecting body fastened to the support structure and another connecting body attached to the foundation body containing the playing area, and an actuator component interposed between one connecting body and the other connecting body, and the foundation body has an upper member fitted with the top surface containing the playing area and a lower member located under the upper member, where the upper member is made of flexible material and the lower member of rigid material, and furthermore has a curvature adjustment mechanism to alter the curvature of the upper member, said curvature adjustment mechanism is interposed between the upper member and the support structure.



PCT

- (22) 17/09/2015
- (21) 1554/2015
- (44) March 2018
- (45) 10/07/2018
- (11) 28823

(51)	Int. Cl. 8 E04F 15/02
(71)	1. V?LINGE INNOVATION AB (SWEDEN)
	2.
	3.
(72)	1. BOO, Christian
, ,	2.
	3.
(73)	1.
, ,	2.
(30)	1. (SE) 1350377-6 - 25-03-2013
(0 0)	2. (PCT/SE2014/050360) - 25-03-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FLOORBOARDS PROVIDED WITH A MECHANICAL LOCKING SYSTEM AND A METHOD TO PRODUCE SUCH A LOCKING SYSTEM

Patent Period Started From 25/03/2014 and Will end on24/03/2034

(57) The present disclosure relates to floorboards provided with a mechanical locking system comprising a locking strip protruding from a first edge of a first floorboard. The locking strip is provided with a locking element configured to cooperate with a locking groove at a lower side of a second edge of a second floorboard for locking the first edge and the second edge in a horizontal direction. The first edge and the second edge are configured to be assembled by a vertical downward motion of the second edge towards the first edge. The second edge is provided with a calibrating groove adjacent the locking groove. The disclosure also relates to a method for producing a mechanical locking system.



PCT

- (22) 09/01/2014
- (21) 0039/2014
- (44) March 2018
- (45) 10/07/2018
- (11) 28824

(51)	Int. Cl. 8 A61F 6/18, 6/14 & A61B 17/42, 17/34	
(71)	1. MEDICINES360 (UNITED STATES OF AMERICA) 2. 3.	
(72)	1. DECKMAN, Rob	4. WESTENDORF, Justin
()	2. REPP, Richard, E.	5. PARMER, Timothy
	3. GUYER, Curt	·
(73)	1.	
(-)	2.	
(30)	1. (US) 61/506,434 - 11-07-2011	
(00)	2. (US) 13/539,843 - 02-07-2012	
	3. (PCT/US2012/0459069) - 09-07-2012	
(74)	MAHMOUD RGAEY ELDEKY	
(12)	Patent	

(54) INTRAURINARY SYSTEMS, IUD INSERTION DEVICES, AND RELATED METHODS AND KITS THEREFOR Patent Period Started From 09/07/2012 and Will end on 08/07/2032

(57) The present disclosure is related to an intrauterine system (insertion device) including an intrauterine device (IUD), an insertion device or applicator for inserting the IUD into the cervix of a female patient, methods related to the insertion procedure, and methods of manufacture for the insertion device.



PCT

- (22) 18/03/2012
- (21) 0477/2012
- (44) November 2018
- (45) 11/07/2018
- (11) 28825

(74)	T. 4 CU 8 A COM 27/00 1/00 9 A CUE 12/02
(51)	Int. Cl. 8 A61M 27/00, 1/00 & A61F 13/02
(71)	1. WUHAN VSD MEDICAL SCIENCE & TECHNOLOGY CO., LTD (CHINA)
	2.
	3.
(72)	1. SONG, Jiuhong
()	2.
	3.
(73)	1.
(,)	2.
(30)	1. (PCT/CN2009/074088) - 22-09-2009
(00)	2.
	3.
(74)	Mahmoud RGAEY ELDEKY
(12)	Patent

VACUUM SEALING DRAINAGE DEVICE FOR HEALING WOUND ON BODY SURFACE

Patent Period Started From 22/09/2009 and Will end on 21/09/2029

(57) The vacuum sealing drainage device for healing wound on the body surface includes a porous-foam soft pad contacted with the wound on the body surface, a drainage tube with a side-hole, a sealing film, a connector, a catheter, a drainage container, a vacuum source, a gel membrane and an outlet tube. The gel membrane is provided above the porous-foam soft pad, the aperture of the side hole of the drainage tube is contacted with the porous-foam soft pad, the outlet tube is communicated with the drainage tube and is provided above the gel membrane, the sealing film is provided above the gel membrane to seal the gel membrane, the outlet tube is communicated with the drainage container by the catheter, and the drainage container is connected to the vacuum source by the catheter.



PCT

- (22) 05/08/2015
- (21) 1223/2015
- (44) | March 2018
- (45) 15/07/2018
- (11) 28826

(51)	Int. Cl. 8 C07D 403/04, 401/12 & A01N 43/56	
(71)	1. BAYER CROPSCIENCE AKTIENGESELLSCHAFT (GERMANY) 2. 3.	
(72)	 MAUE, Michael ILG, Kerstin DECOR, Anne BRETSCHNEIDER, Thomas NEUMANN, Julia HALLENBACH, Werner FISCHER, Reiner 	8. SCHWARZ, Hans-Georg 9. GORGENS, Ulrich 10. RAMING, Klaus 11. KOBBERLING, Johannes 12. HUBSCH, Walter 13. TURBERG, Andreas 14. LINDNER, Niels
(73)	1. 2.	
(30)	1. (EP) 13154269.8- 06-02-2013 2. (EP) 13180076.5 - 12-08-2013 3. (PCT/EP2014/051989) - 03-02-2014	
(74)	SMAS. CO . HALA WAHEED AHMED	
(12)	Patent	

(54) HALOGEN-SUBSTITUTED PYRAZOL DERIVATIVES AS PEST-CONTROL AGENTS

Patent Period Started From 03/02/2014 and Will end on 02/02/2034

(57) The invention relates inter alia to halogen-substituted compounds of the general formula (I)

(I)in which the radicals A_1 - A_4 , T, n, W, Q, R^1 and Z^1 - Z^3 have the meanings given in the description. Also described are processes for preparing the compounds of the formula (I) and possible intermediates for the preparation of these compounds. The compounds according to the invention are particularly suitable for controlling insects, arachnids and nematodes in agriculture and ectoparasites in veterinary medicine.



PCT

- (22) 04/08/2010
- (21) 1303/2010
- (44) March 2018
- (45) 15/07/2018
- (11) 28827

(51)	Int. Cl. 8 C07D 239/54, 401/06, 417/06, 47	1/04, 487/04, 498/04, 513/04 & A01N 43/54
(01)		
(71)	1. E. I. DU PONT DE NEMOURS AND COMPANY(UNITED STATES OF AMERICA)	
	2.	
	3.	
(72)	1. HOLYOKE JR, Caleb, William	4. ZHANG, Wenming
` /	2. TONG, My-hanh, Thi	5. MCCANN, Stephen, Frederick
	3. COATS, Reed, Aaron	6. CHAN, Dominic, Ming-tak
(73)	1.	
. ,	2.	
(30)	1. (US) 61/063,789 - 06-02-2008	
()	2. (US) 61/043,428 - 09-04-2008	
	3. (PCT/US2009/032584) - 30-01-2009	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54)	MESOIONIC PESTICIDES
	Patent Period Started From 30/01/2009 and Will end on 29/01/2029

(57) Disclosed are compounds of Formula I, wherein X is O or S; Y is O or S; and R¹, R², R³ and R⁴ are as defined in the disclosure. Also disclosed are compositions containing the compounds of Formula I and methods for controlling an invertebrate pest comprising contacting the invertebrate pest or its environment with a biologically effective amount of a compound or a composition of the invention.

$$R^4$$
 R^3
 N^+
 R^2
 R^3
 R^4
 R^3
 R^4
 R^4

1



PCT

- (22) 09/11/2014
- (21) 1799/2014
- (44) **January 2018**
- (45) 15/07/2018
- (11) 28828

(51)	Int. Cl. 8 F28D 20/00
(71)	 COMMISSARIAT A. LENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES (FRANCE) 3.
(72)	 BRUCH, Arnaud COUTURIER, Raphael FOURMIGUE, Jean-Francois
(73)	1. 2.
(30)	1. (FR) 1254229 - 09-05-2012 2. (PCT/EP2013/059400) - 06-05-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) HEAT STORAGE TANK WITH IMPROVED THERMAL STRATIFICATION Patent Period Started From 06/05/2013 and Will end on 05/05/2033

(57) A heat storage tank comprising an envelope (2) with a longitudinal axis (X) filled with a heat transfer liquid and solid heat storage elements, a first longitudinal end fitted with first means (10) for collecting and supplying a liquid at a first temperature and a second longitudinal end provided with second means (12) for collecting and supplying a liquid at a second temperature, in which said solid heat storage elements are distributed across three beds (TH1, TH2 and TH3) superposed along the longitudinal axis (X), separated by a layer of liquid (L1, L2 and L3), the heat transfer liquid being capable of flowing from the first longitudinal end to the second longitudinal end.



PCT

- (22) 09/03/2011
- (21) 0382/2011
- (44) December 2017
- (45) 16/07/2018
- (11) 28829

(51)	Int. Cl. 8 A61M 27/00
(71)	1. HASSAN ABDELLATIF ABOLELLA ABDELKHALEK (EGYPT)
	2.
	3.
(72)	1. HASSAN ABDELLATIF ABOLELLA ABDELKHALEK
	2.
	3.
(73)	1.
	2.
(30)	1.
()	2.
	3.
(74)	FOCAL POINT - ASSIUT UNIVERSITY
(12)	Patent

(54) OUTSIDE IN NEPHRO-URETEROSTOMY TUBE Patent Period Started From 09/03/2011 and Will end on 08/03/2031

(57) It's composed of:

Outside in Nephro-ureterostomy tube This tube composed of metal needle (15cm) for introduction from the skin hole to the outer surface of the kidney, then to the pelvi-calyceal system. At these step the metal needle disconnected and the tube passed to the upper ureter. The first part of the tube (12.5cm) none? fenestrated followed by a fenestrated part (12.5cm), followed by a non- fenestrated part (25cm) attached to catheter end for connection to urine bag. *Catheter diameter either, 6 or 8 or 10 Fr, its material made of Silicone or Polyurethane.



PCT

- (22) 25/09/2014
- (21) 1522/2014
- (44) April 2018
- (45) 16/07/2018
- (11) 28830

(51)	Int. Cl. ⁸ F03B 13/04
(71)	1. SALAH ELDIN MOHAMED SALEH ELSAKET (EGYPT)
	2. 3.
(72)	1. SALAH ELDIN MOHAMED SALEH ELSAKET 2.
	3.
(73)	1. 2.
(30)	1.
	2. 3.
(74)	ALEXANDRIA UNIVERSITY FOCAL POINT
(12)	Patent

(54) A METHOD AND A SYSTEM TO GENERATE ELECTRICAL POWER FROM SEA WAVES OF VARYING DIRECTIONS Patent Period Started From 25/09/2014 and Will end on 24/09/2034

(57) The invention consists of a system which uses an electrical generator which has, on the circumference of its shaft, a number of plates each consisting of four parts sliding on each other to form one plate of a length equal to 1/8 of the wave height when its far end is pointing upward and a plate of length equal to half the wave height when its far end is pointing downward. The four vessels balance in this position when waves do not come and when the wave comes it floods the plates which are facing to it pressing them down under water where they will be exposed to water pressure from both the horizontal direction and the vertical direction causing the system to rotate and the generator will generate electricity. The generator is fixed on the floor of a platform which rotates on a fixed platform in the sea, a plate is fixed to the movable platform extending out of it and the waves push the plate to the position where it is parallel to the direction of the waves.



PCT

- (22) 03/06/2014
- (21) D1 0887/2014
- (44) April 2018
- (45) 16/07/2018
- (11) 28831

(51)	Int. Cl. 8 A01N 27100& C07C (251/02, 409/02)
(71)	1. EGYPTIAN PETROLEUM RESEARCH INSTITUTE (EPRI) (EGYPT) 2. 3.
(72)	1. TAMER AWAD EL-SAYED ALI 2. GEHAD GENIDY MOHAMED 3. EHAB MOSTAFA ZAYED
(73)	1. 2.
(30)	1. 2. 3.
(74)	KHALID ALI ABDEL-ZAHER
(12)	Patent

(54) A NOVEL METAL COMPLEXES OF NEW SYMMETRIC SCHIFF BASE LIGAND WITH SOME TRANSITION METAL IONS AND THEIR BIOLOGICAL APPLICATIONS

Patent Period Started From 03/06/2014 and Will end on 02/06/2034

(57) This patent deals with A novel metal complexes of new symmetric Schiff base ligand with some transition metal ions and their biological applications. New compounds are prepared to be able to unite with ions and elements. This topic has much interest for its potential usage, for ex: water purification. Also it has some applications such as ions separation, electrochemical separation and spectroscopic methods. These compounds have been developed during the last four decades, with the hope to widen knowledge to gain the updates in organic and nonorganic chemistry, like cations and anions. These compounds are used in measuring iron concentration in water samples. Its conformational changes on complexation with transition metal ions such as Co(II), Ni(II), Cu(II), Mn(II) Cd(II), Zn(II) and Fe(III) have been studied on the basis of elemental analysis, conductivity measurements, spectral (infrared, 1H NMR, UV-Vis), magnetic and thermogravimetric studies. It was observed that the coordination of metal ion has a pronounced effect on the microbial activities of the Schiff base ligand. All the metal complexes have shown higher antimicrobial effect than the free Schiff base ligand.



PCT

- (22) 31/12/2015
- (21) 0280/2015
- (44) April 2018
- (45) 16/07/2018
- (11) 28832

(51)	Int. Cl. 8 A01G 25/16
(71)	1. MOHAMED AL-SAYED ABDEL-RAHMAN AL-BAUMY EL-HAGAREY (EGYPT) 2. 3.
(72)	1. MOHAMED AL-SAYED ABDEL-RAHMAN AL-BAUMY EL-HAGAREY 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) THE MACHINES OF SOIL AND WATER MANAGEMENT FOR IRRIGATION WATER HARVEST (RICE CULTIVATION (SWMR) & WATER HARVEST

Patent Period Started From 31/12/2015 and Will end on 30/12/2035

(57) The innovative machine (SWMR) for the preparation and reformation of the soil surface for harvesting irrigation water for rice cultivation is a collection of deep plow weapons installed on a frame, followed by a cylinder with the appearance of the shape required to form and form the surface of the soil in the form of lines and revolving on the axis in the direction of the tractor operating and Both the deep plow and the reforming cylinder are mounted on a frame with a tractor or self-moving machine, followed by a modified wheeled rice grill to match the same prototypes of the formed soil.

Arab Republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology
Egyptian Patent Office



(22) 19/02/2015

(21) | 0287/2015

(44) April 2018

(45) 16/07/2018

(11) 28833

(51)	Int. Cl. 8 H05B 41/36
(71)	1. Elsayed Salah Mohsen Nada (EGYPT) 2. Ashraf Hassan Mohamed Mabrok (EGYPT) 3.
(72)	 Elsayed Salah Mohsen Nada (EGYPT) Ashraf Hassan Mohamed Mabrok (EGYPT)
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	Light Timing Control Device (LTC1.0)
	Patent Period Started From and Will end on

(57) The device is an electronic unit which designed specially to control the lighting. The device consists of a digital clock (RTC) and microcontroller operated with internal program to calculate the sun rising time and sun set time with a mathematical method by knowing the altitude and longitude of any city over the world. The device is connecting and disconnecting the electricity to the place automatically according to the place time sun rise and sun set.



(22) 11/02/2015

(21) 0231/2015

(44) April 2018

(45) 16/07/2018

(11) 28834

(51)	Int. Cl. 8 A01B 69/00, A01N 25/12, C02F 103/26& A01K 47/30, 31/045
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2.
	3.
(72)	1. ALTAF HALIM BASTA MAKKAR
, ,	2. HOUSSNI EL-SAIED MOHAMED AL
	3. MERVAT MOHAMED FOAAD AMIN EL-DEFTAR
	4. MOHAMED SAIED HASANIN
(73)	1.
(1-)	2.
(30)	1.
(00)	2.
	3.
(74)	Focal Point - NATIONAL RESEARCH CENTER MAGDA MOHASEB ALSAYED, AMAL
(, •)	YOUSEFF AHMED, MONA MOHAMED FAREED
(12)	Patent

(54) APPROACH FOR UTILIZING THE AGRICULTURAL WASTES AND PREVENT THE SIDE EFFECTS OF SILVER NANOPARTICLE COMPLEXES, IN BIOLOGICAL ACTIVITY APPLICATIONS (ANTI-FUNGI AND ANTI-TUMOR).

Patent Period Started From 11/02/2015 and Will end on 10/02/2035

(57) This invention aims for a way to improve the use of agricultural wastes (sugar-cane bagasse, rice straw), as Ointments counter skin infections (Secondery infection) as well as anti-tumor through their derivatives complexes with silver in the form of nanoparticles, together with limiting and avoiding the side and adverse effects of Patient processor. Both in terms of preventing skin infections rash as a result of prolonged use of antibiotics or renal failure or shoals and endocrine diseases, moreover the problems of red blood balls as a result of the use and leak nanometric metal used in the treatment of cancer. This method led to the identification 190-230 nanometer particles of bagasse-based cellulose derivative with silver ions provides a dual effect of preventing pathogenic fungi skin growth, where it works as inhibitor phosphorylation reaction and also inhibits growth of cancer cells. The beneficial effect of this approach was that, the injection by 1.7 –2.9 µg /ml of this compound to kill 50% of the tumor cells (IC50) approach to chemotherapy doses of mercapto or heterocyclic compounds used in this application, beside it provides the safely to patient than the chemotherapy 2-mercapto-4(3H)-quinazolinone) $IC_{50} = 1.5 \mu g/ml$, 4-amino-6-hydroxypyrazolo-3,4-d-pyrimidine $((IC_{50} = 2.27 \pm 0.065 ?g / ml), and isoquinolineamine derivatives (IC_{50} = 2.5 µg/m).$ Moreover, this dose is lower than the dose used for treating the Breast cancer by using safety natural compound, extract of Mucuna pruriens) IC50 = 14.74- 16.64 µg/ml).

Arab Republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology
Egyptian Patent Office



(22) 08/03/2016

(21) 0397/2016

(44) April 2018

(45) 16/07/2018

(11) 28835

(51)	Int. Cl. 8 A23K 1/00, 1/175, 1/18
(71)	1. MOHAMMAD ABDEL RAHMAN ABD ALLAH MOHAMMAD (EGYPT) 2.
	3.
(72)	1. MOHAMMAD ABDEL RAHMAN ABD ALLAH MOHAMMAD (EGYPT)
	2. 3.
(73)	1. 2.
(30)	1.
	3.
(74)	ASSIUT UNIVERSITY
(12)	Patent

(54) ROUGH FEED FROM CANE WASTES AND METHOD OF **MANUFACTURE** Patent Period Started From 08/03/2016 and Will end on 07/03/2036

(57) This invention relates to the production of rough feed from cane wastes and add to animal feed for the production of integrated fodder. The residual cane bagasses, processed from the production units of black honey and cane juice shops, was subjected to mechanical treatment after sun drying to obtain a rough feed material, called ((cane bagasses straw)). Our product has a good characteristics that allow it to be used as a component of integrated fodder. It was already mixed with other untraditional feed components and obtained an integrated animal feed with a great nutritional value.

Arab Republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology
Egyptian Patent Office



(22)11/01/2016 (21) 0044/2016

(44) April 2018

Academy of Scientific Research & Technology Egyptian Patent Office	PCT	(45) (11)	16/07/2018 28836
51) Int. Cl. 8 H01L 51/00 & D06M 15/0	0		

(51)	Int. Cl. 8 H01L 51/00 & D06M 15/00
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)) 2. 3.
(72)	1. MANAL ABDELBAKI ABDELLATIF ELSAYED (EGYPT) 2. FOUAD SAAD ELDIN MAHMOUD ELDIASTY (EGYPT) 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	Focal Point - NATIONAL RESEARCH CENTER MAGDA MOHASEB EL-SAID – MONA MOHAMED FARID – MOHAMED ZAKARIA FAHIM – NAGLAA ALY AHMED
(12)	Patent

(54)NEW GLASS COMPOSITION FOR FIBER LASER Patent Period Started From 11/01/2016 and Will end on 10/01/2036

(57) The request is concerned with protection of new glass composition prepared in cooperation with researchers in the Egyptian Universities to be used in different optical and photonic applications such as fiber laser which is used in optical telecommunication networks. The unique glass composition can be used as a host glass for the rare earth doped fluorescent ions. Through the new glass the production of tunable fiber laser is possible. The new glass composition can provide high power laser beam with narrow and stable spectral profile. The patent is devoted for the new glass composition which can be used for the production of fiber laser. The glass composition is $75B_2O_3-5Al_2O_3-(20-x)$ Li₂O-xLiF, x=0.0,510,15 mol%, where B₂O₃ is boron oxide, Al₂O₃ is aluminum oxide, Li₂O is lithium oxide and LiF is lithium fluoride. The new glass composition provides competent fiber laser glass to the different available international laser glasses. The new glass composition allows the domestic production of advanced, cheap, and easy for application without harmful residues for human or environment.



(22) 22/06/2015

(21) 1040/2015

(44) April 2018

(45) 16/07/2018

PCT (11) 28837

(51)	Int. Cl. 8 C04B33/04, 35/445, 35/115, 33/32
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)
	2. 3.
(72)	1. SALMA MOHAMED HUSSEIN NAGA
()	2. MOHAMED AWAAD AHMED MOHAMED
	3. NIHAL AHMED MOHAMED TAWFIK EL-MEHALAWY
(73)	1,
` ′	2.
(30)	1.
	2.
	3.
(74)	Focal Point - NATIONAL RESEARCH CENTER MAGDA MOHASEB ALSAYED- AMAL
` /	YOUSSEF AHMED- MONA MOHAMED FARID
(12)	Patent

(54) A METHOD FOR PREPARATION OF HIGH TRANSLUCENT AND IMPROVED MECHANICAL PROPERTIES BONE CHINA FROM NATURAL RESOURCES

Patent Period Started From 22/06/2015 and Will end on 21/06/2035

(57) The present invention relates to a method for preparation of high translucent and improved mechanical properties bone china from natural resources, based on fish bones, kaolin and feldspar. The preparation process includes two steps; the first step involves the extraction of hydroxyapatite powder from fish bones, while the second step involes mixing of the obtained hydroxyapatite powder from fish bones with pure kaolin and fildspar with batch composition 45%, 25% and 30% respectively. The produced mixed powder was uniaxially dry pressed and was fired at 1225 °c to obtain bone china bodies. The fabricated bone china has 28 % translucency with low porosity reached to 1.9 % which has positive impact on the thermal and mechanical properties. The fabricated bone china possesses low thermal and high mechanical properties which reached to K¹-610×6.44- and 74.97 mpa respectivel.



PCT

- (22) 03/08/2014
- (21) 1236/2014
- (44) March 2018
- (45) 16/07/2018
- (11) | 28838

(51)	Int. Cl. 8 C07C 51/64, C07C 53/126
(71)	1. LG LIFE SCIENCES LTD. (KOREA) 2. 3.
(72)	 KIM, Bong Chan PARK, Ae Ri LEE, Hee Bong AN, Ji Eun
(73)	1. 2.
(30)	1. (KR) 10-2012-0011317 - 03-02-2012 2. (PCT/KR2013/000829) - 01-02-2013 3.
(74)	SOHEER REZK MICHEAL
(12)	Patent

(54) METHOD FOR PREPARING COMPOUND BY NOVEL MICHAEL ADDITION REACTION USING WATER OR VARIOUS ACIDS AS ADDITIVE

Patent Period Started From 01/02/2013 and Will end on 31/01/2033/

(57) The present invention relates to a novel method for preparing a compound represented by chemical formula 1 using water or various acids as an additive in a Michael addition reaction of a Michael receptor represented by chemical formula 2 and a compound represented by chemical formula 3.



PCT

(22) 29/01/2015

(21) 0162/2015

(44) February 2018

(45) 19/07/2018

(11) 28839

(51)	Int. Cl. 8 F23D 11/10, 11/38
(71)	1. Mitsubishi Heavy Industries Ltd (JAPAN) 2.
	3.
(72)	1. OKAMOTO, Akiyasu
	2. HASHIGUCHI, Kazuaki 3. HAMAYA, Hideyuki
(73)	1.
(13)	2.
(30)	1. (JP) 2012-176201 - 08-08-2012
	2. (PCT/JP2013/071143) - 05-08-2013
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) BURNER TIP, COMBUSTION BURNER, AND BOILER Patent Period Started From 05/08/2013 and Will end on 04/08/2033

(57) A burner tip, combustion burner, and a boiler improve combustibility by promoting atomization of liquid fuel by being provided with: a mixing chamber provided in the interior; a plurality of mixed liquid spray holes disposed at prescribed intervals in the circumferential direction, each mixed liquid spray hole having a base end which links with the mixing chamber and a leading end which is open; a plurality of first fuel supply channels provided along the longitudinal direction, for supplying fuel to the mixing chamber; a plurality of first vapor supply channels provided along the longitudinal direction, for supplying vapor to the mixing chamber; and a second fuel supply channel and a second vapor supply channel, provided further to the outer periphery than the first fuel supply channels and the first vapor supply channels, for supplying fuel and vapor, respectively, to the mixing chamber from the outer periphery thereof.



PCT

- (22) 14/06/2015
- (21) 0960/2015
- (44) January 2018
- (45) 22/07/2018
- (11) 28840

(51)	Int. Cl. 8 A23G 4/00, 4/02, 4/08
(71)	 Maghreb Industries (MORACCO) 3.
(72)	 Abdelhakim Marrakchi 3.
(73)	1. 2.
(30)	1. (MO) 37167 - 26-06-2014 2. 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54)	CHEWING GUM WITH GEL
	Patent Period Started From 14/06/2015 and Will end on 13/06/2035

(57) The invention relates to a confectionery manufacturing process specifically that for manufacturing chewing gum with a visible gel surface. The manufacturing process includes co-extrusion of two components that ensures good hold of the gel in a resulting channel. The product consists of two parts: an external part formed by the gum, and another made with a gel or with a liquid or powder product.



PCT

- (22) 25/09/2012
- (21) 1650/2012
- (44) **January 2018**
- (45) 22/07/2018
- (11) 28841

(51)	Int. Cl. ⁸ C03C 17/36	
(71)	1. PPG INDUSTRIES OHIO, INC, (UNIT) 2. 3.	ED STATES OF AMERICA)
(72)	 POLCYN, Adam D WAGNER, Andrew V BUHAY, Harry BHANDARI, Abhinav FINLEY, James J 	 OHODNICKI, Jr., Paul R O'SHAUGHNESSY, Dennis J BENIGNI, Jeffrey A OHODNICKI, Jr., Paul R THIEL, James P
(73)	1. 2.	
(30)	1. (US) 61/318,471 - 29-03-2010 2. (US) 13/072,866 - 28-03-2011 3. (PCT/US2011/030235) - 29-03-2011	
(74)	ABD ELHADI OFFICE	
(12)	Patent	

(54) SOLAR CONTROL COATINGS WITH DISCONTINUOUS METAL LAYER

Patent Period Started From 29/03/2011 and Will end on 28/03/2031

(57) An architectural transparency includes a substrate, a first dielectric layer formed over at least a portion of the substrate, a continuous metallic layer formed over at least a portion of the first dielectric layer, a second dielectric layer formed over at least a portion of the first metallic layer, and a subcritical metallic layer formed over at least a portion of the second dielectric layer such that the subcritical metallic layer forms discontinuous metallic regions.



PCT

- (22) 07/03/2012
- (21) 0413/2012
- (44) January 2018
- (45) 22/07/2018
- (11) 28842

(51)	Int. Cl. 8 E21B 21/08
(71)	1. BP CORPORATION NORTH AMERICA INC. (UNITED STATES OF AMERICA) 2. 3.
(72)	1. MIX, Kurt, E. 2. MYERS, Robert, L. 3.
(73)	1. 2.
(30)	1. (US) 61/241,320 - 10-09-2009 2. (PCT/US2010/048239)- 09-09-2010 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) SYSTEMS AND METHODS FOR CIRCULATING OUT A WELL BORE INFLUX IN A DUAL GRADIENT ENVIRONMENT Patent Period Started From 09/09/2010 and Will end on 08/09/2030

(57) Methods and systems for drilling subsea wells bores with dual - gradient mud systems include drilling the subsea well bore while employing a subsea pumping system, a subsea choke manifold and one or more mud return risers to implement the dual gradient mud system. When a well bore influx is detected, the well bore is shut in, and components determine if pressure control may be used to circulate the influx out of the well bore, the size of the influx, and how much the mud system weight will need to be reduced to match the dual gradient hydrostatic head before the influx reaches the subsea pump take point. The subsea pumping system, subsea choke manifold, and mud risers are isolated while the influx is circulated up one or more fluid passages in the drilling riser package using the surface pump, through the wellhead, and out the surface choke manifold.



PCT

- (22) 25/11/2008
- (21) | 1911/2008
- (44) **January 2018**
- (45) 22/07/2018
- (11) 28843

(51)	Int. Cl. 8 C07C 231/10, 233/13 & A61K 3	1/165
(71)	1. NEWRON PHARMACEUTICALS S. 2. 3.	.P.A. (ITALY)
(72)	1. BARBANTI, Elena	4. VELARDI, Francesco
()	2. CACCIA, Carla	5. RUFILLI, Tiziano
	3. SALVATI, Patricia	6. BOGOGNA ,LUIGI
(73)	1. 2.	
(30)	1. (EP) 06012565.5 - 19-06-2006	
(00)	2. (PCT/EP2007/005105)- 08-06-2007	
	3.	
(74)	Amr Mofed kamal EL DEEN	
(12)	Patent	

PROCESS FOR THE PRODUCTION OF 2- [4 - (3- AND 2- FLUOROBENZYLOXY) BENZYLAMINO] PROPAN AMIDES-PROCEDE DE PRODUCTION DE 2-[4-(3- ET 2- FLUOROBENZYLOXY)BENZYLAMINO]PROPANAMIDES

Patent Period Started From 08/06/2007 and Will end on 07/06/2027

(57) A process for obtaining therapeutically active 2-[4-(3and (fluorobenzyloxy)benzylamino|propanamides and their salts pharmaceutically acceptable acids with high purity degree, in particular, with a content of dibenzyl derivatives impurities lower than 0.03%, preferably lower than 0.01% by weight. The process is carried out by Schiff bases intermediates 2submitting the [4-(3and fluorobenzyloxy)benzylideneamino]propanamides to catalytic hydrogenation in the presence of a heterogeneous catalyst in a protic organic solvent.



PCT

- (22) 10/03/2011
- (21) | 0385/2011
- (44) **January 2018**
- (45) 22/072018
- (11) 28844

(51)	Int. Cl. 8 A01N 43/22 & A01P 7/04
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. QIN, Kuide
	2. WUJEK, Dennis
	3. BOUCHER, Raymond
(73)	1.
	2.
(30)	1. (US) 096335/60 - 12-09-2008
	2. (PCT/US2009/054869) - 25-08-2009
	3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) STABILIZED PESTICIDAL COMPOSITION Patent Period Started From 25/08/2009 and Will end on 24/08/2029

(57) Stabilized pesticidal composition comprising: (a) a pesticide having an amine functional group, such as spinosad or spinetoram; (b) a carboxylic acid such as oleic acid or malic acid; and (c) a resolved, epimerizable pyrethroid, such as gamma-cyhalothrin or alpha-cypermethrin



PCT

- (22) 04/06/2014
- (21) | 0911/2014
- (44) January 2018
- (45) 22/07/2018
- (11) 28845

(51)	Int. Cl. 8 F04B 39/10
(71)	1. NUOVO PIGNONE S.P.A (ITALY) 2. 3.
(72)	1. PRATELLI, Guido 2. TOGNARELLI, Leonardo 3. BAGAGLI, Riccardo 4. BABBINI, Alberto
(73)	1. 2.
(30)	1. (IT) F12011A000268 - 12-12-2011 2. (PCT/EP2012/075060) - 11-12-2012 3.
(74)	AMR Mofed ELDEEP
(12)	Patent

(54) AUTOMATIC VALVE WITH INTERCHANGEABLE SEAT PLATE Patent Period Started From 11/12/2012 and Will end on 10/12/2032

(57) The automatic valve comprises a valve seat with first gas flow passages extending there through, and a valve guard having second gas flow passages extending there through. Sealing rings are arranged between the valve guard and the valve seat. A removable seat plate is removable connected to the valve seat and is provided with apertures matching with the first gas flow passages of the valve seat. The sealing rings are resiliently biased by resilient members against the removable seat plate to close the valve. The seat plate and the rings are made of non-metallic material.



PCT

- (22) 01/04/2014
- (21) 0508/2014
- (44) January 2018
- (45) 22/07/2018
- (11) 28846

(51)	Int. Cl. 8 B26B 21/52	
(01)		
	4	
(71)	1. THE GILLETTE COMPANY LLC (UN	NITED STATES OF AMERICA)
	2.	
	3.	
(72)	1. MURGIDA, Matthew	4. CUSACK, Jessy, Lee
	2. BRUNO, Michael, Hal	
	3. PATEL, Ashok, Bakul	
	5. TATEL, ASHON, DAKUI	
(73)	1.	
	2.	
(20)	1. (US) 61/542,342 - 03-10-2011	
(30)		
	2. (US) 13/552,003 - 18-07-2012	
	3. (PCT/IB2012/055315) - 03-10-2012	
(74)	AMR MOFED ELDEEP	
(12)	Patent	
(12)	1 uttin	

(54) RAZOR HANDLE WITH A ROTATABLE PORTION Patent Period Started From 03/10/2012 and Will end on 02/10/2032

(57) A handle for a razor, the handle having a fixed portion including a first end and a second end opposite the first end, and a rotatable portion coupled to the second end. The rotatable portion is configured to rotate relative to the fixed portion. The rotatable portion includes a first material and a second material such that the first material is different from the second material.



PCT

- (22) 01/10/2014
- (21) 1572/2014
- (44) January 2018
- (45) 22/07/2018
- (11) 28847

7-25	T . CI 8 . CO11 1/00
(51)	Int. Cl. 8 G01V 1/28
(71)	1. BP CORPORATION NORTH AMERICA INC (UNITED STATES OF AMERICA)
(/1)	2.
	3.
(72)	1. VYAS, Madhav
\ /	2. SHARMA, Arvind
	3.
(73)	1,
(13)	
	2.
(30)	1. (US) 620,341/61 - 04-04-2012
	2. (PCT/US2013/035054) - 03-04-2013
	3.
(74)	AMR MOFED ELDEEP
(12)	Patent

(54) SYSTEMS AND METHODS FOR OPTIMAL STACKING OF SEISMIC DATA Patent Period Started From 03/04/2013 and Will end on 02/04/2033

(57) Systems and methods include seismic data stacking derived from a set of image volumes. Stacking includes finding a sub-set of seismic image volumes (and in some implementations their respective stacking weights) or multiple realizations of sub-set of seismic image volumes from a given set that are consistent and similar to each other. Some or all of the input seismic image volumes can be stacked together as they would be with a conventional stack. However, the signal-to-noise ratio can be enhanced by only stacking those volumes that contain consistent and relevant information. Optimal stacking can utilize an algorithm that can be implemented in a moving window fashion.



PCT

- (22) 22/07/2015
- (21) 1154/2015
- (44) January 2018
- (45) 22/07/2018
- (11) 28848

(51)	Int. Cl. 8 A01N 43/40, 43/54
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	 SATCHIVI, Norbert M WEIMER, Monte, R. 3.
(73)	1. 2.
(30)	1. (US) 61/765,903 - 25-01-2013 2. (PCT/US2014/012913) - 24-01-2014 3.
(74)	AMR ELDEEP
(12)	Patent

(54) HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIC ACID Patent Period Started From 24/01/2014 and Will end on 23/01/2034

(57) Herbicidal compositions and methods of controlling undesirable vegetation using a combination of (a) a compound of formula (I): (structurally represented) or an agriculturally acceptable salt or ester thereof and (b) propyzamide provide control of undesirable vegetation, e.g., in winter/spring oilseed rape, winter/spring canola, vegetables, Brassica spp, ornamentals, rice, wheat, triticale, barley, oats, rye, sorghum, com/maize, sunflower, row crops, pastures, grasslands, rangelands, fallowland, sugarcane, turf, tree and vine orchards, and industrial vegetation management and rights-of-way.

43



PCT

- (22) 27/04/2014
- (21) 0652/2014
- (44) January 2018
- (45) 22/07/2018
- (11) 28849

(51)	Int. Cl. 8 A61M 15/00
(71)	1. EURO-CELTIQUE S.A (GERMANY) 2. 3.
(72)	 DUIGNAN, Cathal MCDERMENT, Iain Grierson 3.
(73)	1. 2.
(30)	1. (GB) 1118845.5 - 01-11-2011 2. (PCT/GB2012/052709) - 31-10-2012 3.
(74)	ABD ELHADI OFFICE FOR Intellectual Property
(12)	Patent

(54)	DISPENSER
	Patent Period Started From 31/10/2012 and Will end on 30/10/2032

The present invention relates to dispensers, in particular to dispensers for dispensing a dose of a gaseous, gas borne or droplet substance from a substance source and dispensers comprising dosage counters. The present invention therefore provides: a dispenser for dispensing a dose of a gaseous, gas borne or droplet substance from a substance source (C), the dispenser comprising: a body for receiving a substance source, the body having a mouthpiece; a junction member slideably arranged in the body for movement in a longitudinal axis of the body to release a dose of a substance from a substance source, the junction member comprising a socket for receiving a spout of a substance source; a dispenser driver (A) for moving the junction member in the longitudinal axis of the body to release a dose of a substance from a substance source, the dispenser driver comprising a pivot shaft and a cam arranged on the shaft, the dispenser driver being arranged within the body such that rotation of the pivot shaft causes the cam to rotate and apply a force to the junction member so as to move the junction member in the longitudinal axis; and a cam follower slideably arranged within the body, the cam follower comprising a base and a substantially rigid protrusion extending from the base, the protrusion being arranged between the dispenser driver and the junction member such that a force applied by the cam of the dispenser driver to the protrusion causes the cam follower to slideably move in the longitudinal axis of the body and apply a force to the junction member so as to release a dose of a substance from a substance source.



PCT

- (22) 26/01/2015
- (21) 0130/2015
- (44) January 2018
- (45) 22/07/2018
- (11) 28850

(51)	Int. Cl. 8 B26B 21/52
(71)	 The Gillette Company LLC (UNITED STATES OF AMERICA) 3.
(72)	 SZCZEPANOWSKI, Andrew, Anthony WINTER, Florina FANG, Dong;
(73)	1. 2.
(30)	1. (US) 61/679.471 - 03-08-2012 2. (PCT/US2013/053361) - 02-08-2013 3.
(74)	AMR ELDEEP
(12)	Patent

(54) CONNECTION BETWEEN SHAVING HANDLE AND HEAD Patent Period Started From 02/08/2013 and Will end on 01/08/2033

(57) A hand held device comprising: a handle, said handle comprising a grip portion and a connection portion, said connection portion rotating with respect to said grip portion about a rotational axis, said connection portion forming a docking portion suitable for receiving an optional head unit, said docking portion being positioned opposite distally away from said grip portion, wherein the grip portion and the connection portion are connected by a rod comprising a metal material, said rod comprising a distal end non-rotatably attached to the grip portion and a proximal end non-rotatably attached to the connection portion, wherein rotational axis forms a central longitudinal axis of said rod.



PCT

- (22) 03/04/2014
- (21) 0584/2014
- (44) January 2018
- (45) 22/07/2018
- (11) 28851

(51)	Int. Cl. 8 E21B 43/26, 43/114, 43/11	
(71)	1. SCHLUMBERGER TECHNOLOGY B.V. (NETHERLANDS) 2. 3.	
(72)	 YUDIN, Alexey LYEPUNOV, Konstantin, Mikhailovich LITVINETS, Fedor, Nikolaevich 4. BURDIN, Konstantin 5. PENA, Alejandro	
(73)	1. 2.	
(30)	1. (US) 61/627429 - 12-10-2011 2. (PCT/US2012/059645) - 11-10-2012 3.	
(74)	AMR ELDEEP	
(12)	Patent	

(54) HYDRAULIC FRACTURING WITH PROPPANT PULSING THROUGH CLUSTERED ABRASIVE PERFORATIONS Patent Period Started From 11/10/2012 and Will end on 10/10/2032

(57) Well completion techniques are disclosed that combine the creation of perforation clusters created using abrasive-jet perforation techniques with hydraulic fracturing techniques that include proppant pulsing through the clustered abrasive jet perforations. Both the abrasive-jet perforation and hydraulic fracturing with proppant pulsing may be carried out through coiled tubing.



PCT

- (22) 24/12/2013
- (21) 1972/2013
- (44) January 2018
- (45) 22/07/2018
- (11) | 28852

(51)	Int. Cl. ⁸ G02B 5/08 & C03C 17/36 & H01L 31	/052
(71)	1. PPGINDUSTRIES OHIO.INC. (UNITED STATES OF AMERICA) 2. 3.	
(72)	 KABAGAMBE, Benjamin BUCHANAN, Michael, J. SCOTT, Matthew, S. 	 REARICK, Brian, K. MEDWICK, Paul, A. MCCAMY, James, W.
(73)	1. 2.	
(30)	1. (US) 13/171,509 - 29-06-2011 2. (PCT/US2012/033996) - 18-04-2012 3.	
(74)	AHMAD ABDELHADEY	
(12)	Patent	

(54) REFLECTIVE ARTICLE HAVING A SACRIFICIAL CATHODIC LAYER

Patent Period Started From 18/04/2012 and Will end on 17/04/2032

(57) The present invention relates to reflective articles, such as solar mirrors, that include a sacrificial cathodic layer. The reflective article, more particularly includes a substrate, such as glass, having a multi - layered coating thereon that includes a lead- free sacrificial cathodic layer. The sacrificial cathodic layer includes at least one transition metal, such as a particulate transition metal, which can be in the form of flakes (e.g., zinc flakes). The sacrificial cathodic layer can include an inorganic matrix formed from one or more organo - titanates. Alternatively, the sacrificial cathodic layer can include an organic polymer matrix (e.g., a crosslinked organic polymer matrix formed from an organic polymer and an aminoplast crosslinking agent). The reflective article also includes an outer organic polymer coating, that can be electrodeposited over the sacrificial cathodic layer



PCT

- (22) 17/10/2012
- (21) 1778/2012
- (44) | February 2018
- (45) 24/07/2018
- (11) 28853

(51)	Int. Cl. 8 C09K 8/524
(71)	1. ENI S.P.A. (ITALY) 2. 3.
(72)	 DEL GAUDIO, Lucilla LEO, Giuseppe BELLONI, Alessandra 4. ALBONICO, Paola
(73)	1. 2.
(30)	1. (IT) MI2010A000695 - 23-04-2010 2. (PCT/IB2011/000850) - 14-04-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

- PROCESS FOR THE REMOVAL OF DEPOSITS FROM AN OIL OR GAS WELL, AND/OR FROM THE SURFACE STRUCTURES, AND/OR FROM THE EQUIPMENT CONNECTED THEREWITH, AND/OR FROM HYDROCARBON BEARING FORMATIONS
 - Patent Period Started From 14/04/2011 and Will end on 13/04/2031
- (57) Process for the removal of deposits from an oil or gas well, and/or from surface structures, and/or from the equipment connected therewith, and/or from hydrocarbon- bearing formations, comprising: injecting at least one oil-in-water nanoemulsion into said oil or gas well, and/or surface structures, and/or equipment connected therewith, and/or hydrocarbon bearing formations; leaving said nanoemulsion in said oil or gas well, and/or surface structures, and/or equipment connected therewith, and/or hydrocarbon bearing formations, for a predetermined time.



PCT

- (22) 20/03/2013
- (21) 0458/2013
- (44) | February 2018
- (45) 24/07/2018
- (11) 28854

(51)	Int. Cl. 8 A61F 13/15, 13/49 & B05C 5/04, 11/10, & B05D 3/00, 7/24
(71)	1. UNI-CHARM CORPORATION (JAPAN) 2. 3.
(72)	 SAKAUE, Haruhiko 3.
(73)	1. 2.
(30)	1. (JP) 2010-212386 - 22-09-2010 2. (PCT/JP2011/070976) - 14-09-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) ADHESIVE APPLICATION DEVICE AND ADHESIVE APPLICATION METHOD FOR ABSORBENT ARTICLE Patent Period Started From 14/09/2011 and Will end on 13/09/2031

(57) Provided is an adhesive application device which has a discharge part for discharging a thermoplastic adhesive and in which a thermoplastic adhesive is discharged from the discharge part and applied to one surface of a continuous sheet for an absorbent article running on a specific track. The device has a contact and separation mechanism that moves the continuous sheet and the discharge part relatively to the other in the contact or separation direction, a discharge mechanism that discharges the thermoplastic adhesive from the discharge part, and a controller that controls the contact and separation mechanism and the discharge mechanism. When the running speed of the continuous sheet is higher than a specific threshold value, the controller controls the contact and separation mechanism and the discharge mechanism so as to discharge the thermoplastic adhesive from the discharge part while bringing the discharge part into contact with the one surface of the continuous sheet. When the running speed becomes the specific threshold value or lower, the controller controls the contact and separation mechanism and the discharge mechanism so as to stop discharge of the thermoplastic adhesive from the discharge portion and put the continuous sheet and the discharge portion into a state of separation after discharge has been stopped.



PCT

- (22) 19/01/2015
- (21) 0179/2015
- (44) | February 2018
- (45) 24/07/2018
- (11) | 28855

(51)	Int. Cl. 8 F16J 15/18
(71)	 DANIELI & C. OFFICINE MECCANICHE SPA (ITALY) HYL TECHNOLOGIES, S.A. DE C.V 3.
(72)	 DELLA NEGRA, Angelico ZAMPA, Massimiliano ANTONINI, Riccardo
(73)	1. 2.
(30)	1. (IT) UD2012A000131 - 20-07-2012 2. (PCT/EP2013/065272) - 19-07-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SEALING DEVICE, IN PARTICULAR FOR A SHAFT INSERTED TRANSVERSELY IN A VESSEL OF FLUIDS UNDER PRESSURE OR GRANULAR MATERIAL IN MOVEMENT

Patent Period Started From 19/07/2013 and Will end on 18/07/2033

(57) A sealing device for a vessel to achieve a fluid-tight seal in an aperture made in the lateral wall of said vessel, into which aperture a shaft is inserted. The sealing device comprises first sealing means disposed in contact with the shaft in the zone of said aperture, and second sealing means, comprising a containing body and a flexible connection element. The first sealing means comprise a plurality of sealing rings, disposed coaxial to the shaft and in contact with the latter, and a containing tube to contain the sealing rings. The lateral wall of the vessel comprises an interface flange. A closing flange is connected to the interface flange and to a flanged end of the containing body by means of attachment means and is positioned in contact with the containing tube and with the flexible connection element to keep the first sealing means in a determinate axial position with respect to the shaft.



PCT

- (22) 04/02/2015
- (21) 0196/2015
- (44) | February 2018
- (45) 25/07/2018
- (11) 28856

(51)	Int. Cl. 8 F23D 11/10, 11/12, 11/38 & B05B 1/26, 7/04	
(71)	1. MITSUBISHI HITACHI POWER SYSTEMS, LTD (JAPAN) 2. 3.	
(72)	1. OKAZAKI Hirofumi	4. ORII Akihito
()	2. KURAMASHI Koji	5. OCHI Kenichi
	3. OKIMOTO Hideo	
(73)	1.	
	2.	
(30)	1. (JP) 2012-173996 - 06-06-2012	
(30)	2. (PCT/JP2013/071102) - 05-08-2013	
	3.	
(74)	COMPANY SMAS INTELLECTUAL PROPERTY	
(12)	Patent	

(54) SPRAY NOZZLE, AND BURNER AND COMBUSTION DEVICE EQUIPPED WITH SAME

Patent Period Started From 05/08/2013 and Will end on 04/08/2033

(57) An object of the present invention is to provide a spray nozzle that can facilitate atomization of spray fluid and can also reduce the amount of spray medium to be used and a force with which the spray medium is pressurized. To achieve the above object, a spray nozzle in the present invention, comprising: at least two spray fluid flow paths for flowing a spray fluid flows; at least two spray medium flow paths for flowing a spray medium, in each of which joins a relevant spray fluid flow path at a first joining part; at least two mixed fluid flow paths, in each of which a mixed fluid of the spray fluid and the spray medium that have joined together at the first joining part for flowing the mixed fluid and which are formed so as to face each other and allow mixed fluids to flow oppositely and have a second joining part at which the mixed fluids flowing oppositely collide with each other and join together; and an outlet hole from which the mixed fluids that have joined at the second joining part are jetted; wherein in each mixed fluid flow path, a bent part at which a direction of a flow of the mixed fluid is changed is formed between the first joining part and the second joining part.



PCT

- (22) 17/03/2015
- (21) 0406/2015
- (44) March 2018
- (45) 25/07/2018
- (11) 28857

(51)	Int. Cl. 8 F16L 15/04	
(71)	1. NIPPON STEEL & SUMITOMO METAL CORPORATION (JAPAN) 2. VALLOUREC OIL AND GAS FRANCE (JAPAN) 3.	
(72)	 OKU Yousuke YAMAMOTO Tatsuya SUGINO Masaaki 	4. ELDER Russell
(73)	1. 2.	
(30)	1. (JP) 2012-208600 - 21-09-2012 2. (PCT/JP2013/074562) - 11-09-2013 3.	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) THREADED JOINT FOR STEEL PIPE Patent Period Started From 11/09/2013 and Will end on 10/09/2033

In the present invention, a threaded joint for a steel pipe is provided with: a pin having an male thread formed of a two-stage thread, and a sealing surface comprising a tapered surface and curved surface formed at an intermediate part of the two-stage thread; and a box having a female thread formed of a two-stage thread, and a sealing surface comprising a tapered surface and curved surface formed at an intermediate part of the two-stage thread. The taper angle of the tapered surface of the pin and the taper angle of the tapered surface of the box are substantially the same. The threaded joint has a structure in which, in the course of fastening the male thread and the female thread together, the pin and the box interfere with one another in the radial direction while the sealing surface of the pin and the sealing surface of the box are in contact, thereby causing at least some of each of the sealing surfaces to be in close contact across the entire periphery; and is provided with a contact-pressure-increasing mechanism for increasing the contact pressure between the sealing surface of the pin and the sealing surface of the box once fastening has concluded.



PCT

- (22) 18/02/2015
- (21) 0275/2015
- (44) March 2018
- (45) 25/07/2018
- (11) | 28858

(51)	Int. Cl. 8 B01J 8/00	
(71)	 THYSSENKRUPP INDUSTRIAL SOLU 3. 	TIONS AG (GERMANY)
(72)	 HERBST, Julian PORZ, Lutz Oliver MICHEL, Reinhard JOHANNING, Joachim 	5. VOLKER, Günter6. MARIGO, Michele7. RENVOICE, Peter
(73)	1. 2.	
(30)	1. (DE) 10 2012 017 785.2 - 10-09-2012 2. (PCT/EP2013/068180) - 03-09-2013 3.	
(74)	NAHED WADE REZK	
(12)	Patent	

(54)	LOADING DEVICE
	Patent Period Started From 03/09/2013 and Will end on 02/09/2033

(57) The invention relates to a loading device having N loading heads offset by N/360°, wherein N is the number 3 or an integer multiple thereof, wherein each of the N loading heads has a connecting device for a hose arranged at the upper end, through which hose the catalyst material can be delivered from above, wherein each of the N loading heads has a deflecting cone with the tip pointing upwards beneath the connecting device and joined to the connecting device, a vertical holder is mounted on the underside of said deflecting cone, at least two circular deflector funnel elements are mounted on the vertical holder by means of horizontal braces, the deflector funnel elements open more narrowly at the top than at the bottom, gaps are provided between the deflector funnel elements and the lower deflector funnel elements have a larger diameter than the deflector funnel elements above them.



PCT

- (22) |19/06/2013
- (21) 1053/2013
- (44) March 2018
- (45) 25/07/2018
- (11) 28859

(51)	Int. Cl. 8 H04N 7/26 & G06F 17/30
(71)	1. TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (SWEDEN) 2. 3.
(72)	1. WU, ZHUANGFEI 2. SJOBERG, RICKARD 3. RUSERT, THOMAS
(73)	1. 2.
(30)	1. (US) 61/434,146 - 19-01-2011 2. (PCT/SE2012/050040) - 19-01-2012 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) INDICATING A METHOD FOR SIMPLIFYING THE PROCESSING OF A VIDEO PACKET AT A CLIENT OR IN THE NETWORK BY RECEIVING THE BIT STREAM AND DIVIDING IT INTO VIDEO PACKETS G BIT STREAM SUBSETS.

Patent Period Started From 19/01/2012 and Will end on 18/01/2032

(57) A method of indicating bit stream subsets in a video bit stream is provided. The method comprises receiving the bit stream, dividing the bit stream into video packets, wherein each packet comprises either one of video data or supplemental information, and marking each packet with a single subset identifier (stream_id). Each subset identifier is associated with a corresponding bit stream subset. Further, a method of extracting video packets from a video bit stream is provided. The method comprises providing relevant subset identifiers, receiving video packets from the bit stream, and, for each received packet, inspecting the subset identifier of the packet. The packet is extracted if the subset identifier matches one of the relevant subset identifiers. This allows condensing properties of a bit stream subset into a single identifier, thereby simplifying the processing of video packets in the network and on the client side. Further, devices corresponding to the aforementioned methods are provided.



PCT

- (22) 10/03/2014
- (21) 0364/2014
- (44) March 2018
- (45) 25/07/2018
- (11) 28860

(51)	Int. Cl. 8 B60P 7/08 & B25B 25/00
(71)	1. ARMOUR HOLDINGS LIMITED (Netherlands) 2. 3.
(72)	 ARMOUR, Barry Douglas 3.
(73)	1. 2.
(30)	1. (US) 61/535.681 - 16-09-2011 2. (PCT/NZ2012/000165) - 13-09-2012 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) SIDE-LOADING RATCHET DEVICE Patent Period Started From 13/09/2012 and Will end on 12/09/2032

(57) A ratchet device for a strap has a body having a side member, and a spool having a side a rotatable supported by the side member and a ratchet wheel fixed thereto. The body has a member moveable between an open position in which the other side b of the spool is exposed to enable a strap to be laterally loaded into the spool from the exposed side of the spool and laterally unloaded from the spool, and a closed position in which said lateral loading and unloading are prevented.



PCT

- (22) 05/05/2010
- (21) 0738/2010
- (44) March 2018
- (45) 25/07/2018
- (11) 28861

(51)	Int. Cl. 8 A61K 31/4192, C07D 249/04, A61P 3/06
(71)	1. GLAXO SMITHKLINE BEECHAM CORPORATION (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. BOUILLOT, Anne, Marie, Jeanne
	2. LAROZE, Alain
	3. TROTTET, Lionel
(73)	1.
	2.
(30)	1. (GB) 0722077.5 - 09-11-2007
	2. (PCT/EP2008/065104) - 07-11-2008
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) 1, 2, 3-TRIAZOLE DERIVATIVES FOR USE AS STEAROYL-COA DESATURASE INHIBITORS

Patent Period Started From 07/11/2008 and Will end on 06/11/2028

(57) The present invention relates to substituted triazole compounds of the formula (I) and pharmaceutically acceptable salts thereof, to pharmaceutical compositions containing them and their use in medicine. In particular, the invention relates to compounds for modulating SCD activity.



PCT

- (22) 13/12/2015
- (21) 1962/2015
- (44) March 2018
- (45) 25/07/2018
- (11) 28862

(51)	Int. Cl. 8 C10G 45/02, 47/26, 49/12, 65/12, 65/14	, 65/16, 7/00, 7/06
(71)	1. Eni S.P.A (ITALY) 2. 3.	
(72)	 BELLUSSI, Giuseppe PICCOLO, Vincenzo MALANDRINO, Alberto Maria Antonio 	4. FABIO, Valentina 5. RISPOLI, Giacomo Fernando
(73)	1. 2.	
(30)	1. (IT) MI2013A 001137 - 05-07-2013 2. (PCT/IB2014/062855) - 04-07-2014 3.	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) PROCESS FOR THE REFINING OF CRUDE OIL Patent Period Started From 04/07/2014 and Will end on 03/07/2034

(57) Process for the refining of crude oil comprising at least one atmospheric distillation unit for separating the various fractions, a sub-atmospheric distillation unit, a conversion unit of the heavy fractions obtained, a unit for enhancing the quality of some of the fractions obtained by actions on the chemical composition of their constituents and a unit for the removal of undesired components, characterized in that the sub-atmospheric distillation residue is sent to one of the conversion units, said conversion unit comprises at least one hydroconversion reactor in slurry phase, into which hydrogen or a mixture of hydrogen and ¾S, is fed, in the presence of a suitable dispersed hydrogenation catalyst with dimensions ranging from 1 nanometer to 30 microns.



PCT

- (22) 05/08/2015
- (21) 1217/2015
- (44) | February 2018
- (45) 25/07/2018
- (11) | 28863

(51)	Int. Cl. ⁸ H01M 2/04
(71)	1. ZHANGZHOU HUAWEI POWER SUPPLY TECHNOLOGY CO.,LTD (CHINA) 2. 3.
(72)	 KE, Zhimin CAI Weixin Weixin
(73)	1. 2.
(30)	1. (CN) 201320071058.6 - 07-02-2013 2. (PCT/CN2013/072325) - 08-03-2013 3.
(74)	MOHSEN ANWAR HASAN
(12)	Patent

(54) STRUCTURAL IMPROVEMENT OF UPPER COVER OF INTELLIGENT STORAGE BATTERY Patent Period Started From 08/03/2013 and Will end on 07/03/2033

(57) Disclosed is a structural improvement of an upper cover of an intelligent storage battery. A circuit mounting area and a terminal mounting area are provided on an upper surface of an upper cover body; a cap is fixedly covered on the circuit mounting area; a liquid crystal display screen and a circuit board are sequentially and flatly mounted on an inner lateral surface of a top plate of the cap; a conductive adhesive tape is clamped between one end of the liquid crystal display screen and a corresponding lateral plate of the cap; a connection terminal which is in corresponding contact with the bottom of the conductive adhesive tape for electrical connection and is formed by copper-cladding is arranged on the circuit board; and the top plate is inclined downward and outward. The inclined plate has a large mounting area, and can be correspondingly provided with a liquid crystal display screen with a large area, so that the display effect of the liquid crystal display screen is good; and furthermore, the conductive adhesive tape is staggered with the edge of the circuit board, and is in large-area reliable contact with the connection terminal formed by cladding copper on the circuit board, so that the reliability of electrical connection between the conductive adhesive tape and the connection terminal is improved.



PCT

- (22) 31/07/2011
- (21) | 1281/2011
- (44) | February 2018
- (45) 29/07/2018
- (11) 28864

(51)	Int. Cl. 8 H04W 76/00 & H04L 29/06 & H04M 7/00
(71)	1. NOKIA CORPORATION (FINLINDA) 2.
	3.
(72)	1. MUTIKAINEN, Jari
. /	2. LEIS, Peter
	3. MAYER, Georg
(73)	1.
	2.
(30)	1. (PCT/EP2009/051263) - 04-02-2009
(00)	2. (PCT/FI2009/050999) - 14-12-2009
	3.
(74)	MAHMOUD RGAEY ELDEKY
(12)	Patent

(54) METHOD AND APPARATUS ALLOWING A CHANGE FROM A PACKED SWITCHED COMMUNICATION DOMAIN TO A CIRCUIT SWITCHED COMMUNICATION DOMAIN

Patent Period Started From 14/12/2009 and Will end on 13/12/2029

(57) There is proposed a method and corresponding apparatuses allowing a change from a packet switched communication domain to a circuit switched communication domain. When a user equipment as a connection terminating point receives a connection initialization message with a media flow, such as audio, which cannot be delivered by the packet switched access, it sends a specific response rejecting the connection via the packet switched access to an application server for service centralization and continuity. In the application server, it is checked whether several conditions are met in order to determine whether the communication connection comprising the media flow is allowed to be changed to the circuit switched domain. If yes, the communication connection is changed from the packet switched communication domain to the circuit switched communication domain.



PCT

- (22) 11/03/2015
- (21) 0372/2015
- (44) March 2018
- (45) 29/07/2018
- (11) 28865

(51)	Int. Cl. 8 E21B 19/16, 17/046, 33/122
(71)	1. Baker Hughes Incorporated (UNITED STATES OF AMERICA) 2. 3.
(72)	1. DOANE, James, C 2. 3.
(73)	1. 2.
(30)	1. (US) 13/618.565 - 14-09-2012 2. (PCT/US2013/058755) - 09-09-2013 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) MULTI-PISTON HYDROSTATIC SETTING TOOL WITH LOCKING FEATURE AND A SINGLE LOCK FOR MULTIPLE PISTONS

Patent Period Started From 09/09/2013 and Will end on 08/09/2033

(57) A hydraulically actuated setting tool has a plurality of pistons that move in tandem when unlocked. The pistons are initially in pressure balance to take a load off a single locking mechanism that retains all the pistons. The pistons move due to admission of hydrostatic and/or applied pressure from the annulus on one side of each piston with an opposite side exposed to atmospheric pressure. The locking member is exposed to the annulus and is located away from any atmospheric chambers associated with the pistons. In this manner the components can be made thicker to resist burst and collapse pressure and the loads on the locking member reduced due to initial piston pressure balance configuration. Depths of greater than 10,000 meters can be used due to one or more of the described design features.



PCT

- (22) |02/06/2013
- (21) | 0943/2013
- (44) April 2018
- (45) 29/07/2018
- (11) 28866

(51)	Int. Cl. 8 H04N 07/26
(71)	1. SONY CORPORATION (JAPAN) 2. 3.
(72)	1. IKEDA, Masaru 2. TANAKA, Junichi 3. MORIGAMI, Yoshitaka
(73)	1. 2.
(30)	1. (JP) 2010-272907 -07-12-2010 2. (JP) 2011-004392 - 12-01-2011 3. (JP) 2011-045651 - 02-03-2011 4. (JP) 02-03-2011 - 26-05-2011 5. (PCT JP2011/077954) - 02-12-2011
(74)	NAHED WADE REZK
(12)	Patent

(54) IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD

Patent Period Started From 02/12/2011 and Will end on 01/12/2031

(57) Disclosed is an image processing device enabling further parallelization of processing during application of a deblocking filter. The disclosed image processing device is provided with: a decoding unit for decoding an image from an encoding stream; a horizontal filtering unit for applying the deb locking filter to vertical block boundaries in the image decoded by the aforementioned decoding unit; a vertical filtering unit for applying the deblocking filter to horizontal block boundaries in the image decoded by the aforementioned decoding unit; and a control unit which allows the aforementioned horizontal filtering unit to parallelly filter multiple vertical block boundaries included in a processing unit encompassing multiple encoding units, and allows the aforementioned vertical filtering unit to parallelly filter multiple horizontal block boundaries included in the aforementioned processing unit.



PCT

- (22) 20/09/2015
- (21) 1568/2015
- (44) April 2018
- (45) 25/07/2018
- (11) 28867

(51)	Int. Cl. ⁸ E01B 19/00, 26/00 & E01F 7/02
(71)	1. OSBORN INTERNATIONAL AB. (Sweden) 2. 3.
(72)	 ERNSTAD, BjOrn AXELSSON, Per 3.
(73)	1. 2.
(30)	1. (EP) 213163253.1 - 11-04-2013 2. (PCT/EP2013/076455)- 12-12-2013 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) WIND, SNOW AND SAND PROTECTING DEVICE FOR RAILWAYS Patent Period Started From 12/12/2013 and Will end on 11/12/2033

(57) A wind, snow and sand protecting device for railways, comprising a base part arranged to be releasably fixed adjacent to at least one side of a track rail or directly to the track rail, and a barrier holder, to which a barrier is mountable, wherein said base part and the barrier holder are interconnectable by means of a hinged joint such that the barrier holder is pivotable relative the base part. The hinged joint comprises a male connector integrated with one of the base part and the barrier holder and a female connector integrated with the other of the base part and the barrier holder.



PCT

- (22) 19/11/2015
- (21) 1828/2015
- (44) April 2018
- (45) 29/07/2018
- (11) 28868

(51)	Int. Cl. 8 C01F 11/02, 11/18, 5/02, 5/14, 5/24 & C22B 1/24
(71)	1. S.A. LHOIST RECHERCHE ET DEVELOPPEMENT
	2. 3.
(72)	1. CRINIERE, Guillaume
	2. CHOPIN, Thierry
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(73)	1.
	2.
(30)	1. (BG) 2013/0485 - 15-07-2013
()	2. (BG) 2014/0280 - 22-04-2014
	3. (PCT/EP2014/064982) - 11-07-2014
(74)	NAHED WADE REZK
(12)	Patent

(54) COMPOSITION COMPRISING ONE OR MORE CALCIUM-MAGNESIUM COMPOUNDS IN THE FORM OF COMPACTS Patent Period Started From 11/07/2014 and Will end on 10/07/2034

(57) Composition comprising at least one calcium-magnesium compound corresponding to the formula aCaCO3.bMgCO3.xCaO.yMgO.zCa(OH)2.tMg(OH)2.uI, in which I represents impurities, a, b, z, t and u being mass fractions each ≤0 and ≥ 50%, x and y being mass fractions each ≤ 0 and ≥100%, with x + y ≤ 50% by weight, relative to the total weight of said at least one calcium-magnesium compound, which is in the form of particles, said composition having a combined content of calcium and magnesium in the form of oxides of greater than or equal to 20% by weight and being in the form of compacts, each compact being formed from said compacted and shaped particles of calcium-magnesium compounds, said compacts having a Shatter test index of less than 10% enabling very good dropping resistance and good ageing resistance, the process for the manufacture thereof and the use thereof.



PCT

(22) 16/07/2013

(21) 1177/2013

(44) April 2018

(45) 29/07/2018

(11) 28869

(51)	Int. Cl. ⁸ G10L 19/14
(51)	1. FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN
(71)	2. FORSCHUNG E.V. (GERMANY)
	3.
(72)	1. KUNTZ, Achim
. ,	2. DISCH, Sascha
	3. BAECKSTROEM, Tom
(73)	1.
` /	2.
(30)	1. (US) 61/433,803 - 18-01-2011
()	2. (PCT/EP2012/050613) -17-01-2012
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) ENCODING AND DECODING OF SLOT POSITIONS OF EVENTS IN AN AUDIO SIGNAL FRAME

Patent Period Started From 17/01/2012 and Will end on 16/01/2032

(57) An apparatus for decoding, an apparatus for encoding, a method for decoding and a method for encoding positions of slots comprising events in an audio signal frame and respective computer programs and encoded signals, wherein the apparatus for decoding comprises: an analysing unit for analysing a frame slots number indicating the total of slots of the audio signal frame, an event slots number indicating the number of slots comprising the events of the audio signal frame, and an event state number, and a generating unit for generating an indication of a plurality of positions of slots comprising the events in the audio signal frame using the frame slots number, the event slots number and the event state number.



PCT

- (22) 23/01/2014
- (21) 0109/2014
- (44) April 2018
- (45) 29/07/2018
- (11) 28870

(51)	Int. Cl. 8 C09J 105/00 & C03C 25/32 & D06M 15/03
(31)	C073 103/00 & C03C 23/32 & D00W1 13/03
	CAN'T CODAD I COVED (F.
(71)	1. SAINT-GOBAIN ISOVER (France)
	2.
	3.
(72)	1. JAFFRENNOU, Boris
(1-)	2. OBERT, Edouard
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(73)	1.
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(30)	1. (FR) 1102369 - 27-07-2011
(00)	2. (PCT/FR2012/051787) - 27-07-2012
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) SIZING COMPOSITION FOR MINERAL WOOL BASED ON MALTITOL AND INSULATING PRODUCTS OBTAINED Patent Period Started From 27/07/2012 and Will end on 26/07/2032

(57) The present invention relates to a sizing composition for insulating products based on mineral wool, in particular of rock or of glass, characterized in that it comprises a mixture of hydrogenated sugars containing at least 25% by weight of maltitol, calculated on the basis of the dry matter of the hydrogenated sugars, and at least one polyfunctional crosslinking agent. Another subject matter of the present invention is the insulating products based on mineral fibres thus obtained.



PCT

- (22) 19/12/2011
- (21) 2012/2011
- (44) April 2018
- (45) 29/07/2018
- (11) 28871

(51)	Int. Cl. 8 H04W 74/08, 72/12, 72/04	
(71)	1. TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (SWEDEN)	
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(72)	1. SUSITAIVAL, Riikka	
()	2. OSTERGAARD, Jessica	
	3. WAGER, Stefan	
(73)	1.	
(,,,	2.	
(30)	1. (US) 61/221,179 - 29-06-2009	
(00)	2. (PCT/SE2010/050113) - 02-02-2010	
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(74)	NAHED WADE REZK	
(12)	Patent	

(54) METHOD AND ARRANGEMENT IN A WIRELESS COMMUNICATION SYSTEM Patent Period Started From 02/02/2010 and Will end on 01/02/2030

(57) Method and arrangement in a user equipment for transmitting scheduling requests to a base station. The base station is adapted to serve the user equipment. The user equipment is configured to transmit scheduling requests to the base station only at certain predetermined scheduling request opportunities. The method comprises triggering a scheduling request transmission, transmitting a scheduling request to the base station at the next occurring scheduling request opportunity, starting a scheduling request prohibiting timer and prohibiting any further scheduling request retransmission at future scheduling request opportunities while the scheduling request prohibiting timer is running. Also, a corresponding method and arrangement in a base station is described.



PCT

- (22) 10/01/2011
- (21) 0051/2011
- (44) April 2018
- (45) 29/07/2018
- (11) 28872

(51)	Int. Cl. 8 G06F 17/14 & G10L 19/14, 19/0.	2
(71)	 FRAUNHOFER-GESELLSCHAFT ZUR FORD VOICEAGE CORPORATION (Canad 3. 	ERUNG DER ANGEWANDTEN FORSCHUNG E.V (GERMANY) a)
(72)	1. GEIGER, Ralf	5. FUCHS, Guillaume
(, =)	2. GRILL, Bernhard	6. MULTRUS, Markus
	3. BESSETTE, Bruno	7. NEUENDORF, Max
	4. GOURNAY, Philippe	8. SCHULLER, Gerald
(73)	1. 2.	
(30)	1. (US) 61/079,862 - 11-07-2008	
(00)	2. (US) 61/103,825 - 08-10-2008	
	3. (EP) 08017661.3 - 08-10-2008	
	4. (PCT/EP2009/004015) - 04-06-2009	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) AUDIO ENCODER AND DECODER FOR ENCODING AND DECODING FRAMES OF SAMPLED AUDIO SIGNAL

Patent Period Started From 04/06/2009 and Will end on 03/06/2029

(57) An audio encoder adapted for encoding frames of a sampled audio signal to obtain encoded frames, wherein a frame comprises a number of time domain audio samples. The audio encoder comprises a predictive coding analysis stage for determining information on coefficients of a synthesis filter and a prediction domain frame based on a frame of audio samples. The audio encoder further comprises a time-aliasing introducing transformer for transforming overlapping prediction domain frames to the frequency domain to obtain prediction domain frame spectra, wherein the time-aliasing introducing transformer is adapted for transforming the overlapping prediction domain frames in a critically-sampled way. Moreover, the audio encoder comprises a redundancy reducing encoder for encoding the prediction domain frame spectra to obtain the encoded frames based on the coefficients and the encoded prediction domain frame spectra.



PCT

- (22) |02/06/2013
- (21) 0943/2013
- (44) April 2018
- (45) 29/07/2018
- (11) 28873

(51)	Int. Cl. 8 H04N 07/26
(71)	1. SONY CORPORATION (JAPAN)
	2. 3.
(72)	1. IKEDA Masaru
	2. TANAKA, Junichi 3. MORIGAMI, Yoshitaka
	5. MUNIGAWI, 1 USIII IAKA
(73)	1. 2.
(30)	1. (JP) 2010-272907 - 07-12-2010
(00)	2. (JP) 2011-004392 - 12-01-2011
	3. (JP) 2011-045651 - 02-03-2011
	4. (JP) 2011-117558 - 26-05-2011
	5. (PCT/JP2011/077954) - 02-12-2011
(74)	NAHED WADE REZK
(12)	Patent

(54) IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD

Patent Period Started From 02/12/2011 and Will end on 01/12/2031

(57) Disclosed is an image processing device enabling further parallelization of processing during application of a deblocking filter. The disclosed image processing device is provided with: a decoding unit for decoding an image from an encoding stream; a horizontal filtering unit for applying the deblocking filter to vertical block boundaries in the image decoded by the aforementioned decoding unit; a vertical filtering unit for applying the deblocking filter to horizontal block boundaries in the image decoded by the aforementioned decoding unit; and a control unit which allows the aforementioned horizontal filtering unit to parallelly filter multiple vertical block boundaries included in a processing unit encompassing multiple encoding units, and allows the aforementioned vertical filtering unit to parallelly filter multiple horizontal block boundaries included in the aforementioned processing unit.



PCT

- (22) 14/05/2015
- (21) 0754/2015
- (44) March 2018
- (45) 30/07/2018
- (11) 28874

(51)	Int. Cl. 8 A24F 7/04, 13/06, 1/30 & A24D 3/18
` ´	
(71)	1. BISHAY, Fouad (ITALY)
(/1)	2.
	3.
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(72)	1. BISHAY, Fouad
	2.
	3.
(73)	1.
(10)	2.
(30)	1. (IT) MI2012A001945 - 15-11-2012
(30)	2. (PCT/IB2013/059652) - 25-10-2013
	3.
-	
(74)	SAMAR AHMED EL LABBAD
(12)	Patent
(4-)	

(54) FILTERING ELEMENT AND SMOKE MOUTHPIECE CONTAINING SAID FILTERING ELEMENT Patent Period Started From 25/10/2013 and Will end on 24/10/2033

(57) The present invention relates to a filtering element and to a smoke mouthpiece, in particular a mouthpiece for a nargile, adapted to house said filtering element. The filtering element comprises an antiviral and anticarcinogenic fabric and a peripheral support, therefore the filtering element can be defined as an antiviral and/or anticarcinogenic filtering element. Furthermore, the present invention refers to a mouthpiece preferably a mouthpiece for a nargile adapted to house said at least one antiviral and/or anticarcinogenic filtering element. Said mouthpiece is in particular a sectional mouthpiece. Furthermore, the present invention also relates to an accessory device comprising the antiviral and/or anticarcinogenic filtering element and applicable to the smoke mouthpiece, and to an antiviral and anticarcinogenic pipe for a nargile applicable to the smoke mouthpiece said smoke mouthpiece potentially being connected to the accessory device.



PCT

- (22) 22/10/2015
- (21) 1702/2015
- (44) March 2018
- (45) 30/07/2018
- (11) 28875

(51)	Int. Cl. 8 C11B 1/00	
(71)	1. XYLECO, INC (UNITED STATES OF AMERICA) 2. 3.	
(72)	 MEDOFF, Marshall MASTERMAN, Thomas MOON, Jaewoong 4. BER GERON, Christopher G	
(73)	1. 2.	
(30)	1. (US) 61/824,597 - 17-05-2013 2. (US) 61/941,771 - 19-02-2014 3. (PCT/US2014/038341) - 16-05-2014	
(74)	KHALED MAGDY MOKHTAR HAMADA	
(12)	Patent	\neg

(54)	PROCESSING BIOMASS
	Patent Period Started From 16/05/2014 and Will end on 15/05/2034

(57) ABSTRACT Biomass (e.g., plant biomass, animal biomass, and municipal waste biomass) is processed to produce useful intermediates and products, such as amino-alpha, omega-dicarboxylic acid and amino-alpha, omega-dicarboxylic acid derivatives. These products include polymers and copolymers of alpha-amino, omega-dicarboxylic acids.



PCT

- (22) 11/10/2015
- (21) 1641/2015
- (44) March 2018
- (45) 30/07/2018
- (11) 28876

(51)	Int. Cl. ⁸ C12P 7/02	
(71)	1. XYLECO, INC (UNITED STATES OF AN 2. 3.	MERICA)
(72)	1. MEDOFF, Marshall 2. MASTERMAN, Thomas 3. PA-POULIS, Andrew	4. MOON, Jaewoong 5. KHAN, Jihan 6. PARADIS, Robert
(73)	1. 2.	
(30)	1. (US) 61/816,664 - 26-04-2013 2. (PCT/US2014 /035467) - 25-04-2014 3.	
(74)	KHALED MAGDY MOKHTAR HAMADA	
(12)	Patent	

(54) PROCESSING BIOMASS TO OBTAIN HYDROXYL CARBOXYLIC ACIDS Patent Period Started From 25/04/2014 and Will end on 24/04/2034

(57) Biomass (e.g., plant biomass, animal biomass, and municipal waste biomass) is processed to produce useful intermediates and products, such as hydroxy-carboxylic acids and hydroxy-carboxylic acid derivatives. A method includes treating a reduced recalcitrance lignocellulosic or cellulosic material with one or more enzymes and/or organisms (such as lactobacillus, pediococcus, rhizopus, enterococcus) to produce an alpha, beta, gamma and/or delta hydroxycarboxylic acid (such as lactic acid, glycolic acid); and converting the alpha, beta, gamma and/or delta hydroxy-carboxylic acid to the product (such as esters, polymers, and copolymers).

Arab Republic of Egypt

Ministry of State for Scientific Research Academy of Scientific Research & Technology



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN AUGUST 2018"

Egyptian Patent Office

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Preface

We are on the verge of a new era which is founded on the basis of technological development and hence, we have to follow it in all fields of national development. Technology has become the basis for the increase in national income and production and hence, scientific research has become our real hope as a way for advancement and as a necessity for life.

Emerging from the responsibility of the Academy of Scientific Research and Technology towards strengthening the pillars of science and technology, I have the pleasure to introduce the Granted Patent's Abstracts of the Publication of Patents monthly, Which includes bibliographical data. This periodical is directed to all those interested in the vital field of Intellectual property which encompasses patents, innovations and creative works.

I hope that this publication meets its targeted objective, namely increasing the welfare, prosperity and advancement for our beloved country, Egypt.

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

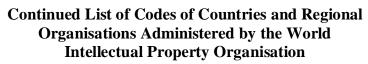
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Patent Kind	12
Application Number	21
Filing Date	22
Priority Number	
Priority Date	30
Priority Country	
Issuance Date	45
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Inventor Name	72
Patentee Name	73
Patent Attorney Name	74



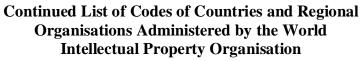
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GY	Guyana
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HN	Honduras
HR	Croatia
HU	Hungary
ID	Indonisia
IE	Ireland



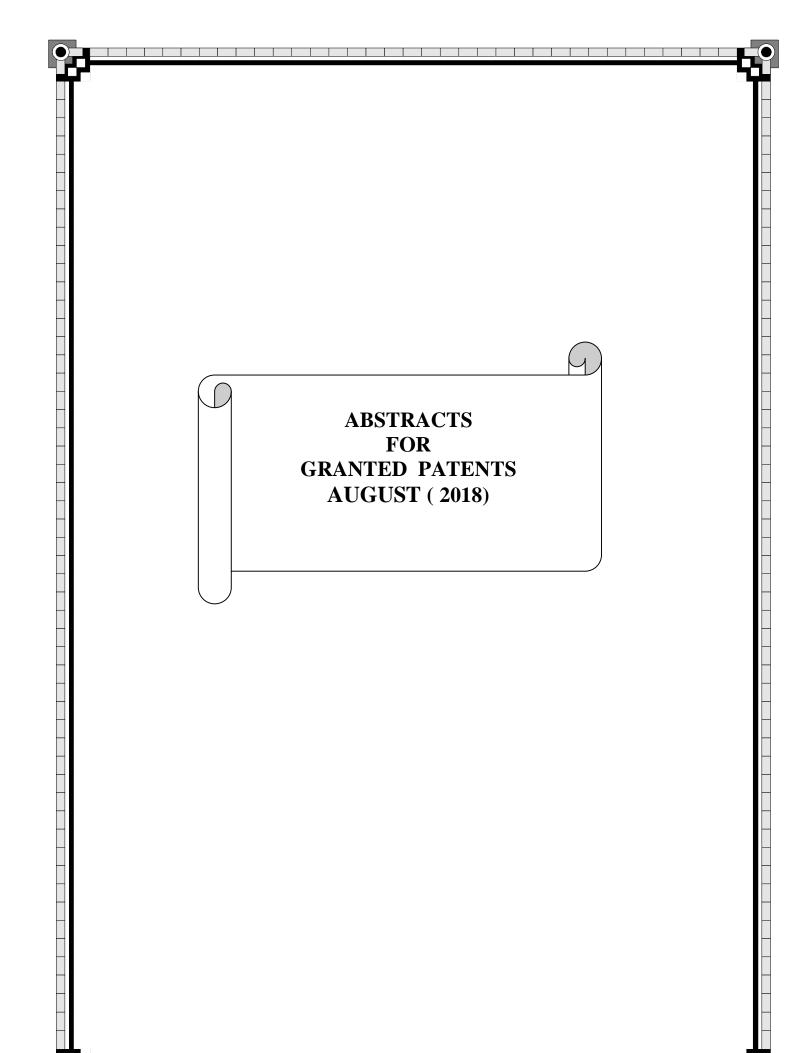
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KM	COMOROS
KN	Saint Kitts and Nevis
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KW	Kuwait
KZ	Kozakhstan
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RW	Rwanda
SA	Saudi Arabia



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SR	Suriname
ST	Saotome and Principe
SV	El Salvador
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TZ	United Republic of Tanzania
UA	Ukraine
UG	Uganda
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

Code	Country
VE	Venezuela
VN	Viet Nam
YD	Yemen
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe





PCT

- (22) 21/06/2011
- (21) 1048/2011
- (44) March 2018
- (45) 01/08/2018
- (11) 28877

(51)	Int. Cl. 8 A61K 31/765, 47/48 & C08G 73/0	06, 73/06, 61/12 & A61P 17/00, 25/00, 35/00, 19/00
(71)	1. CREABILIS S.A (LUXEMBOURG) 2. 3.	
(72)	 BAGNOD, Raffaella BECCARIA, Luca BERTARIONE RAVA ROSSA, Luisa CRISCUOLO, Domenico LORENZETTO, Chiara 	6. MAINERO, Valentina7. MARCONI, Alessandra8. PINCELLI, Carlo9. TRAVERSA, Silvio
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(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) SYNTHESIS OF POLYMER CONJUGATES OF INDOLOCARBAZOLE COMPOUNDS Patent Period Started From 22/12/2009 and Will end on 21/12/2029

(57) The present invention relates to a process for the preparation of polymer conjugates of iπdolocarbazole compounds, in particular of polymer conjugates of k-252a and derivatives thereof, by a synthetic route which results in a highly pure product, with a high product yield. In a further aspect the present invention relates to novel polymer conjugates of k-252a and derivatives thereof, wherein the chemical group linking the polymer unity to the k-252a or to the k-252a derivative compound is characterised by a 5-member oxazolidindionic cyclic structure. These novel polymer conjugates are obtained through the novel synthetic route with high purity and high yields.



PCT

- (22) 10/06/2015
- (21) 0938/2015
- (44) April 2018
- (45) 01/08/2015
- (11) 28878

(51)	Int. Cl. 8 F04B 17/03, 53/08 & F04D 29/40, 29/58, 13/06 & H02K 5/20, 9/14
(71)	1. XYLEM IP MANAGEMENT S.A.R.L. (LUXEMBOURG) 2. 3.
(72)	 BRATTHALL, Johan 3.
(73)	1. 2.
(30)	1. (SE) 1251424-6 - 14-12-2012 2. (PCT/EP2013/075217) - 02-12-2013 3.
(74)	SALWA MIKHAEL RIZK
(12)	Patent

(54) COOLING ARRANGEMENT OF A PUMP INTENDED FOR PUMPING A LIQUID Patent Period Started From 02/12/2013 and Will end on 01/12/2033

(57) The invention relates to a pump for pumping liquid, the pump comprising a drive unit and a heat sink connected to said drive unit, which heat sink is arranged to carry off heat that is generated in said drive unit during operation of the pump, the drive unit comprising a motor compartment that in the radial direction is delimited by a motor casing and that accommodate an electric motor having a stator, a coupling compartment that at least partly is delimited by a pump top casing and that accommodate a power supply component, an upper partition that is arranged between said motor compartment and said coupling compartment. The pump is characterized in that the motor casing comprises an outer jacket that is connected to and that in the axial direction extends between the upper partition and the heat sink, an inner stator housing that extends between the stator and the heat sink, and a gas filled gap that in the radial direction separate the outer jacket and the inner stator housing.



PCT

- (22) 20/04/2016
- (21) 0698/2016
- (44) April 2018
- (45) 01/08/2015
- (11) 28879

(51)	Int. Cl. 8 A01N 59/20, 47/24 & A01P 3/00
(71)	1. Rotam Agrochem International Company Limited (CHINA) 2. 3.
(72)	1. BRISTOW, James Timothy 2. 3.
(73)	1. 2.
(30)	1. (GB) 1319424.6 - 04-11-2013 2. (PCT/CN2014/085369) - 28-08-2014 3.
(74)	MOHAMED ABDUL AAL ABDUL ALIM AHMED
(12)	Patent

(54) FUNGICIDAL COMPOSITION AND ITS METHODS OF APPLICATION Patent Period Started From 28/08/2014 and Will end on 27/08/2034

(57) A fungicidal composition comprising pyraclostrobin and copper calcium sulphate exhibits synergy and is useful in the control of fungus and bacterium at a locus. The combination is particularly applicable for the prevention and control of phytopathogenic fungus and bacterium.



PCT

- (22) 30/12/2009
- (21) 1933/2009
- (44) March 2018
- (45) 08/08/2018
- (11) 28880

(51)	Int. Cl. 8 B01J 8/06, 19/24
(71)	 Saudi Basic Industries Corporation (SAUDI ARABIA) 3.
(72)	 KOSTERS, Peter, Hubertus 3.
(73)	1. 2.
(30)	1. (EP) 07013192.5 - 05-07-2007 2. (PCT/EP2008/005266) - 25-06-2008 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) REACTOR PANEL FOR CATALYTIC PROCESSES Patent Period Started From 25/06/2008 and Will end on 24/06/2028

(57) Modular reactor panel for catalytic processes, comprising a feed header, a product header and adjacent channels, each channel having a length, running from an entrance end to an exit end, and wherein the entrance ends are directly connected to and open into the feed header and the exit ends are directly connected to and open into the product header and wherein the feed header has at least one connection to a feed line and the product header has at least one connection to a product line and wherein part of at least one of the feed header and the product header is detachable giving access to the channel ends and reactor comprising a housing containing one or more of said reactor panels, the reactor further comprising a feed line and a product line, the panels being connected to the feed line and to product line.



PCT

- (22) 17/06/2010
- (21) 1042/2010
- (44) | April 2018
- (45) 15/08/2015
- (11) 28881

(51)	Int. Cl. 8 H04W 72/04
(71)	1. Optis wireless technology LLC (UNITED STATES OF AMERICA) 2.
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(72)	1. JOHANSSON, Anders
()	2. HEDLUND, Leo
	3.
(73)	1.
(1-)	2.
(30)	1. (US) 61/015,347 - 20-12-2007
(00)	2. (PCT/SE2008/051275) - 07-11-2008
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD AND ARRANGEMENT IN A TELECOMMUNICATION SYSTEM

Patent Period Started From 07/11/2008 and Will end on 06/11/2028

(57) The downlink control channels in a control region of each downlink subframe in a telecommunication system are divided into at least one common subset of the downlink control channels and a plurality of group subsets of the downlink control channels, such that the common subset or each common subset will be decoded by every user equipment, and each group subset will be decoded only by a limited group of user equipments. Resource assignment messages for a user equipment can then be transmitted on a downlink control channel of the relevant group subset, to avoid the need for messages to be decoded by a large number of UEs that will not act on them, while broadcast messages can be transmitted on a downlink control channel of the relevant common subset, to avoid the need for messages to be transmitted many times.



PCT

- (22) 02/04/2015
- (21) 0501/2015
- (44) February 2018
- (45) 15/08/2018
- (11) 28882

(51)	Int. Cl. 8 A47C 27/00, 17/32, 21/08, 19/04
(71)	1. LANGEL SYSTEM INTERNATIONAL, S.L. (SPAIN) 2. 3.
(72)	 SANCHEZ ZARZA, Alberto 3.
(73)	1. 2.
(30)	1. (ES) ES201231201U - 13-11-2012 2. (ES) ES201231203U - 13-11-2012 3. (ES) ES201330472U - 19-04-2013 4. (ES) ES201330502U - 25-04-2013 5. (ES) ES201330905U - 22-07-2013 6. (PCT/EP2013/072759) - 31-10-2013
(74)	NAHED WADE REZK
(12)	Patent

(54) MATTRESS ASSEMBLY Patent Period Started From 31/10/2013 and Will end on 30/10/2033

(57) It comprises a main mattress and a supplement mattress attached thereto. The supplement mattress comprises a main body having two lateral extensions, a footboard extension, a headboard extension, and a tubular structure. Extensions can be rotated 90°Or 180° together with the tubular structure. A fitted sheet is also provided. The surface of the mattress assembly can be expanded and it provides a safety means for preventing the user from falling to the ground.



PCT

- (22) 04/02/2015
- (21) 0212/2015
- (44) | February 2018
- (45) 15/08/2018
- (11) 28883

(51)	Int. Cl. 8 E05B 5/11, 65/08 & E05C 19/00
(71)	 Zafeiropoulos Grigorios (GREECE) 3.
(72)	 Zafeiropoulos Grigorios 3.
(73)	1. 2.
(30)	1. (GR) 20120100417 - 09-08-2012 2. (PCT/GR2013/000042) - 08-08-2013 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) ANTI-BURGLARY SLIDING FRAMES SYSTEM Patent Period Started From 08/08/2013 and Will end on 07/08/2033

(57) By this invention it is possible to construct a sliding frame's system - glazing and shutter-, which has a frame guide profile with a groove -see Figure 1- and a sash profile, on which the locking profile is placed into the groove -see Figure 2-. The locking profile has a helical groove -see Figure 7-, where the pin of the sliding framework's cremone enters. Two clamping parts - see Figure 6- are placed within the chamber of the sash at the two edges of the locking profile. Each clamping part has a groove as a motion driver of the locking profile. As the cremone rotates, it transforms the rotary motion into linear made by the cremone's pin, which forces the locking profile to rotate and entrap the movable frame of the sash's profile into the groove of the stable frame guide profile along the full height of a sliding door or window.



PCT

- (22) 07/05/2015
- (21) 0704/2015
- (44) March 2018
- (45) 19/08/2018
- (11) 28884

(51)	Int. Cl. 8 A61F 13/49, 13/56
(71)	1. UNI-CHARM CORPORATION (JAPAN) 2. 3.
(72)	 SAKAGUCHI, Satoru YAMANAKA, Yasuhiro SHIMIZU, Tsuneo
(73)	1. 2.
(30)	1. (JP) 2012-247993 - 12-11-2012 2. (PCT/JP2013/080281) - 08-11-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	DISPOSABLE DIAPER
	Patent Period Started From 08/11/2013 and Will end on 07/11/2033

A fastening tape for this disposable diaper is provided with a base sheet and a hook sheet. The base sheet has the following: an attachment section that is attached to a side flap; and a tip section. The length of the tip section in the widthwise direction of the product is 5-12 mm. The distance, in the lengthwise direction of the product, between the outer edge (in the lengthwise direction of the product) of the attachment section and the outer edge (in the lengthwise direction of the product) of the hook sheet is 2-12 mm. The length, in the lengthwise direction of the product, of the boundary between the hook sheet and the tip section is at least twice the distance, in the lengthwise direction of the product, between the inner edge (in the lengthwise direction of the product) of the base sheet and the inner edge (in the lengthwise direction of the product) of the hook sheet. The hook sheet extends further outwards, in the lengthwise direction of the product, then the point midway between the outer edge (in the lengthwise direction of the product) of the inner edge (in the widthwise direction of the product) of the hook sheet and the outer edge (in the lengthwise direction of the product) of the inner edge (in the widthwise direction of the product) of the tip section.



PCT

- (22) 29/09/2014
- (21) 1553/2014
- (44) | March 2018
- (45) 19/08/2018
- (11) 28885

(51)	Int. Cl. 8 A61F 13/49, 5/44, 13/53, 13/56
(71)	1. UNICHARM CORPORATION (JAPAN) 2. 3.
(72)	 SAKAGUCHI, Satoru SAWA, Kana Orange of the satoru
(73)	1. 2.
(30)	1. (JP) 2012-081143 - 30-03-2012 2. (PCT/JP2013/059247) - 28-03-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	DISPOSABLE DIAPER
	Patent Period Started From 28/03/2013 and Will end on 28/03/2033

(57) The absorbent body of this disposable diaper is provided with: a first region from the end of the absorbent body at the front waist-encircling region towards a back waist-encircling region; and a second region that has a lower bending rigidity than the first region and that is disposed neighboring the first region to the back waist-encircling region side of the first region. The boundary between the first region and second region is configured in a manner so as: to be disposed at the front waist-encircling region side of the end at the front waist-encircling region side of leg expanding/contracting sections; and to be disposed at the groin region side of the end at the groin region side of a target section.



PCT

- (22) 17/03/2015
- (21) 0404/2015
- (44) March 2018
- (45) 19/08/2018
- (11) 28886

(51)	Int. Cl. ⁸ E21B 17/042 & F16L 25/10
(71)	 VALLOUREC OIL AND GAS FRANCE NIPPON STEEL & SUMITOMO METAL CORPORATION (JAPAN) 3.
(72)	 RUSSELL, Elder MAILLON, Bertrand OKU, Yousuke
(73)	1. 2.
(30)	1. (US) 13/623,904 - 21-09-2012 2. (PCT/EP2013/069514) - 19-09-2013 3.
(74)	SMAS
(12)	Patent

(54) TUBULAR THREADED CONNECTION Patent Period Started From 19/09/2013 and Will end on 18/09/2033

(57) A threaded tubular connection includes a first tube and a second tube. The first tube includes a pin member and the second tube includes a box member. A cross-sectional area of a pin critical cross-section is within approximately ± 5% of cross-sectional area of a box critical cross-section of the box member. The cross-sectional areas of each of the pin and box critical cross-sections are within approximately ± 5% of the sum of the cross-sectional areas of a box intermediate critical cross-section of the box member and a pin intermediate critical cross-section of the pin member. In a made-up state, a first seal surface on the pin engages a second seal surface on the box in a radial direction so as to form an off-center fluid tight seal that extends in an axial direction of the threaded tubular connection.



PCT

- (22) 12/01/2014
- (21) 0051/2014
- (44) February 2018
- (45) 26/08/2018
- (11) 28887

(51)	Int. Cl. 8 A01N 25/32	
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.	
(72)	 CROUSE, Gary D. DEMETER, David A SPARKS, Thomas C WANG, Nick X. DENT, William Hunter 	 DEAMICIS, Carl NIYAZ, Noormohamed M BAUM, Erich W. FISCHER, Lindsey Gayle GIAMPIETRO, Natalie Christine
(73)	1. 2.	
(30)	1. (US) 61/506,743 - 12-07-2011 2. (PCT/US2012/046131) - 11-07-2012 3.	
(74)	Amr MOFED EL DEEP	
(12)	Patent	

(54) PESTICIDAL COMPOSITIONS AND PROCESSES RELATED THERETO

Patent Period Started From 11/07/2012 and Will end on 10/07/2032

(57) This document discloses molecules having the following formula ("Formula One") The molecules disclosed in this document are related to the field of processes to produce molecules that are useful as pesticides (e.g., acaricides, insecticides, molluscicides, and nematicides), such molecules, and processes of using such molecules to control pests.

$$Ar^{1}$$
 Ar^{2}
 N
 M
 Q^{2}
 R^{3}
 N^{3}
 R^{4}

Formula One



PCT

- (22) 10/11/2013
- (21) 1720/2013
- (44) February 2018
- (45) 26/08/2018
- (11) 28888

(51)	Int. Cl. 8 C12N 15/82, 15/29 & A01H 5/00	
(71)	1. MONSANTO TECHNOLOGY LLC (UNITED STATES OF AMERICA) 2. 3.	
(72)	1. FLASINSKI, Stanislaw	5. SHULTZ, Randall, W
	2. FOAT, Barrett, C	6. WU, Wei
	3. WEI, Xiaoping	7. YANG, Shiaw-Pyng
	4. OUFATOLLE, Mohammed	
(73)	1. 2.	
(30)	1. (US) 61/485,876 - 13-05-2011	
(30)	2. (PCT/US2012/037561) - 11-05-2012	
	3.	
(74)	AHMAD ABDELHADEY	_
(12)	Patent	

(54) METHOD FOR INCRESING GENE EXPRESSION IN PLANTS COMPRISING REGULATORY ELEMENTS FOR HERBICIDAL TOLERANCE

Patent Period Started From 11/05/2012 and Will end on 10/05/2032

(57) The present invention provides transgenic plants comprising DNA molecules comprising nucleotide sequence, useful in modifying genetic expression in plants, plant cells, plant parts and commodity products comprising DNA molecules operably linked heterologous transcrible polynucleotide resulting increase in genetic expression in plant leaves and roots to provide herbicide tolerance property.



PCT

- (22) 25/03/2015
- (21) 0455/2015
- (44) February 2018
- (45) 26/08/2018
- (11) 28889

(51)	Int. Cl. 8 A23G 1/40, 3/42 & B65D 75/38, 8	35/60
(71)	1. MARS, INCORPORATED (UNITED STATES OF AMERICA) 2. 3.	
(72)	1. GLAZIER, Barry David	5. HESS, Marilyn
	2. WILD, Karyn	6. LEASE, Shirley
	3. WENTZEL, Joanna	7. HAUSMAN, David
	4. MYERS, Mary	
(73)	1. 2.	
(30)	1. (US) 61/707,330 - 28-09-2012	
(3 4)	2. (US) 61/789,863 - 15-03-2013	
	3. (PCT/US2013/061400) - 24-09-2013	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) HEAT RESISTANT CHOCOLATE Patent Period Started From 24/09/2013 and Will end on 23/09/2033

(57) The present invention provides a heat resistant fat based confection. The heat resistance of the confection may be conferred either via inclusion of a polyol and at least one other thermal structuring component in the fat based confection, or via preparation of a premix comprising the polyol and at least one other component of the confection, or a combination of these. Methods of making the fat based confection, and packaged fat based confections, are also provided.



PCT

- (22) 14/06/2015
- (21) 0968/2015
- (44) | February 2018
- (45) 26/08/2018
- (11) 28890

(51)	Int. Cl. 8 B01D 11/02
(71)	 BUESE, Mark, A. STROHSCHEIN, Rudy
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(72)	1. BUESE, Mark, A.
	2. STROHSCHEIN, Rudy
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(73)	1.
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(30)	1. (US) 61/736,211 - 12-12-2012
(00)	2. (US) 13/840,546 - 15-03-2013
	3. (PCT/US2013/074559) - 12-12-2013
(74)	BAHER HASSANIEN MOHAMED HAFEZ
(12)	Patent

(54) CONTINUOUS EXTRACTOR, CONCENTRATOR AND DRYER Patent Period Started From 12/12/2013 and Will end on 11/12/2033

(57) Continuous extraction units are constructed having a plurality of extraction chambers containing extractable material. Without disruption of total fluid flow in the unit: an extraction chamber completely depleted of extract can be evacuated of solvent and replaced with an extraction chamber containing fresh extractable material. The extract is continuously separated from the solvent in an expansion chamber where it is continuously or periodically removed from the unit. All solvent can be retained within the unit. One or more compressors can be used to circulate the fluid through the extraction chambers, the expansion chamber, and a condenser, where the expansion chamber and the condenser can be coupled as a heat exchanger.



PCT

- (22) 14/09/2015
- (21) 1526/2015
- (44) | February 2018
- (45) 26/08/2018
- (11) | 28891

(51)	Int. Cl. 8 E04C 2/288
(71)	1. CERTAINTEED GYPSUM, INC (UNITED STATES OF AMERICA) 2. 3.
(72)	 ATHARI, Christopher, K GARVEY, Thomas, J. SHINKODA, Pamela
(73)	1. 2.
(30)	1. (US) 13/837,109 - 15-03-2013 2. (PCT/US2014/029206) - 14-03-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) BUILDING BOARD WITH ACOUSTICAL FOAM Patent Period Started From 14/03/2014 and Will end on 13/03/2034

(57) Disclosed is a building board construction that provides enhanced acoustical properties. In one possible embodiment, the board is a gypsum board with opposing facing sheets and an intermediate set gypsum core. An opened celled polymeric sheet is formed within the gypsum core and gives the resulting board enhanced sound absorption. In an alternative embodiment, individual pieces of polymeric foam are used in stead of the polymeric sheet. Also disclosed are various manufacturing methods whereby boards with enhanced acoustical properties can be formed in an continuous process. The various components of the present disclosure, and the manner in which they interrelate, are described in greater detail hereinafter.



PCT

- (22) 10/09/2015
- (21) 1468/2015
- (44) March 2018
- (45) |27/08/2018
- (11) 28892

(51)	Int. Cl. 8 C01B 11/02	
(71)	1. Sabre Intellectual Property Holdings LLC (United States of America) 2. 3.	
(72)	1. MASON, John Y. 2. 3.	
(73)	1. 2.	
(30)	1. (US) 13/837.936 - 15-03-2013 2. (US) 61/930.688 - 23-01-2014 3. (PCT/US2014/030654) - 17-03-2014	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) METHOD AND SYSTEM FOR THE TREATMENT OF PRODUCED WATER AND FLUIDS WITH CHLORINE DIOXIDE FOR REUSE

Patent Period Started From 17/03/2014 and Will end on 16/03/2034

(57) Embodiments of the invention relate generally to methods and systems for treating aqueous systems associated with industrial wastewater applications, in particular gas and crude oil drilling, pumping and production, in order to reduce or eliminate contamination and allow the water that is treated to be reused, in particular, to be reused for hydraulic fracturing.





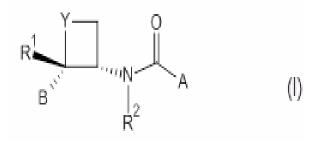
PCT

- (22) 14/12/2015
- (21) 1967/2015
- (44) March 2018
- (45) 27/08/2018
- (11) 28893

(51)	Int. Cl. ⁸ C07D 213/81, 231/14,239/28 &	C07C 233/66 & A01N 35/08, 43/00
(71)	 Syngenta Participations AG 3. 	
(72)	 O'SULLIVAN, Anthony, Cornelius MONDIERE, Régis, Jean, Georges LOISELEUR, Olivier SMEJKAL, Tomas LUKSCH, Torsten 	6. JEANGUENAT, André7. DUMEUNIER, Raphael8. GODINEAU, Edouard9. PITTERNA, Thomas
(73)	1. 2.	
(30)	1. (EP) 13175632.2 - 08-07-2013 2. (EP) 13175940.9 - 10-07-2013 3. (PCT/EP2014/063895) - 01-07-2014	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) MEMBERED RING CARBOXAMIDES USED AS NEMATICIDES Patent Period Started From 01/07/2014 and Will end on 30/06/2034

(57) Compounds of the formula (1) , in which the substituents are a- represents phenyl or heroaronatic rinng b- represents phenyl optionally substit uted by one or more R_5 . Y - represents O or CH_2 are suitable for use as nematicides .





PCT

- (22) 11/08/2011
- (21) 1350/2011
- (44) | February 2018
- (45) 28/08/2018
- (11) 28894

_	
(51)	Int. Cl. 8 E21B 43/12
(71)	1. DJERASSEM, LE BEMADJIEL (Chad)
(, -)	2.
	3.
(72)	1. DJERASSEM, Le Bemadjiel
	2.
	3.
(73)	1.
` ,	2.
(30)	1. (OA) 1200900059 - 13-02-2009
	2. (PCT/ OA2010/000001) - 19-01-2010
	3.
(74)	HESHAM RAAOUF MAHMOUD
(12)	Patent

(54)	PUMPING SYSTEM
	Patent Period Started From 19/01/2010 and Will end on 18/01/2030

(57) Pump equipped with a plurality of systems includes a first system and a plurality of second systems, each of the plurality of systems containing an enclosed gas placed in contact with an internal liquid, it being possible for the enclosed gas to be placed at a depressed pressure or at a raised pressure in relation to the pressure of surroundings external to the system by variations in level of the liquid. The respective liquid environments of the plurality of systems are connected continuously so that compression or depression of the gas enclosed in the first system leads to successive variations in the levels of liquid in the second systems following successive applications of raised pressure or depressed pressure to the i gases contained in the plurality of systems so as to allow the pumping of an external liquid in contact with the internal liquid of one of the systems.



PCT

- (22) 17/03/2015
- (21) 0412/2015
- (44) | March 2018
- (45) 29/08/2018
- (11) 28895

(51)	Int. Cl. 8 F03B 13/18
(71)	1. YU, Yun-Chang (CHINA) 2. 3.
(72)	1. YU, Yun-Chang 2. 3.
(73)	1. 2.
(30)	1. (CN) 201210347071 - 18-09-2012 2. (PCT/CN2013/083301) - 11-09-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) WAVE ENERGY WATER CHANNELLING APPARATUS Patent Period Started From 11/09/2013 and Will end on 10/09/2033

Disclosed is a wave energy water channelling apparatus, comprising a working platform, a floating unit, a plurality of first water channelling sets and a plurality of second water channelling sets, wherein the working platform is provided with a base pillar fixedly connected to the ground of the bed, the first water channelling sets and the second water channelling sets are placed into the water, such that a water current can flow into the water channelling sets and the second water channelling sets, and the floating unit can move up and down relative to the working platform. The floating unit is used to push the water current in the water channelling sets and the second water channelling sets such that the water current moves upwards into a water collection apparatus, and the potential energy of the water collection apparatus can be used for energy conversion and storage. The wave energy water channelling apparatus can add a different, environmentally-friendly power generation method, by using the wave movement of seawater in rising and falling to convert potential energy to electrical energy.

Arab Republic of Egypt

Ministry of State for Scientific Research Academy of Scientific Research & Technology



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN SEPTEMBER 2018"

Egyptian Patent Office

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(PATENT No. 28926)	(32)
(PATENT No. 28927)	(33)
(PATENT No. 28928)	(34)
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(PATENT No. 28931)		(37)
(PATENT No. 28932)	••••••	(38)
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(PATENT No. 28942)		(48)
(PATENT No. 28943)	•••••	(49)
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(PATENT No. 28945)	•••••	(51)
(PATENT No. 28946)	•••••	(52)
(PATENT No. 28947)		(53)
(PATENT No. 28048)		(54)

Preface

We are on the verge of a new era which is founded on the basis of technological development and hence, we have to follow it in all fields of national development. Technology has become the basis for the increase in national income and production and hence, scientific research has become our real hope as a way for advancement and as a necessity for life.

Emerging from the responsibility of the Academy of Scientific Research and Technology towards strengthening the pillars of science and technology, I have the pleasure to introduce the Granted Patent's Abstracts of the Publication of Patents monthly, Which includes bibliographical data. This periodical is directed to all those interested in the vital field of Intellectual property which encompasses patents, innovations and creative works.

I hope that this publication meets its targeted objective, namely increasing the welfare, prosperity and advancement for our beloved country, Egypt.

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

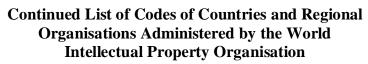
Bibliographic data

Bibliographic data	symbol
Patent Number	11
Patent Kind	12
Application Number	21
Filing Date	22
Priority Number	
Priority Date	30
Priority Country	
Issuance Date	45
International Patent Classification	51
Title	54
Abstract	57
Applicant Name	71
Inventor Name	72
Patentee Name	73
Patent Attorney Name	74



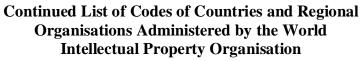
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AG	Antigua and Barbuda
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AO	Angola
AR	Argentina
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GM	Gambia
GN	Guinea
GQ	Equatorial Guinea
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GT	Guatemala
GW	Guinea-Bissau
GY	Guyana
HK	Hong Kong
HN	Honduras
HR	Croatia
HU	Hungary
ID	Indonisia
IE	Ireland



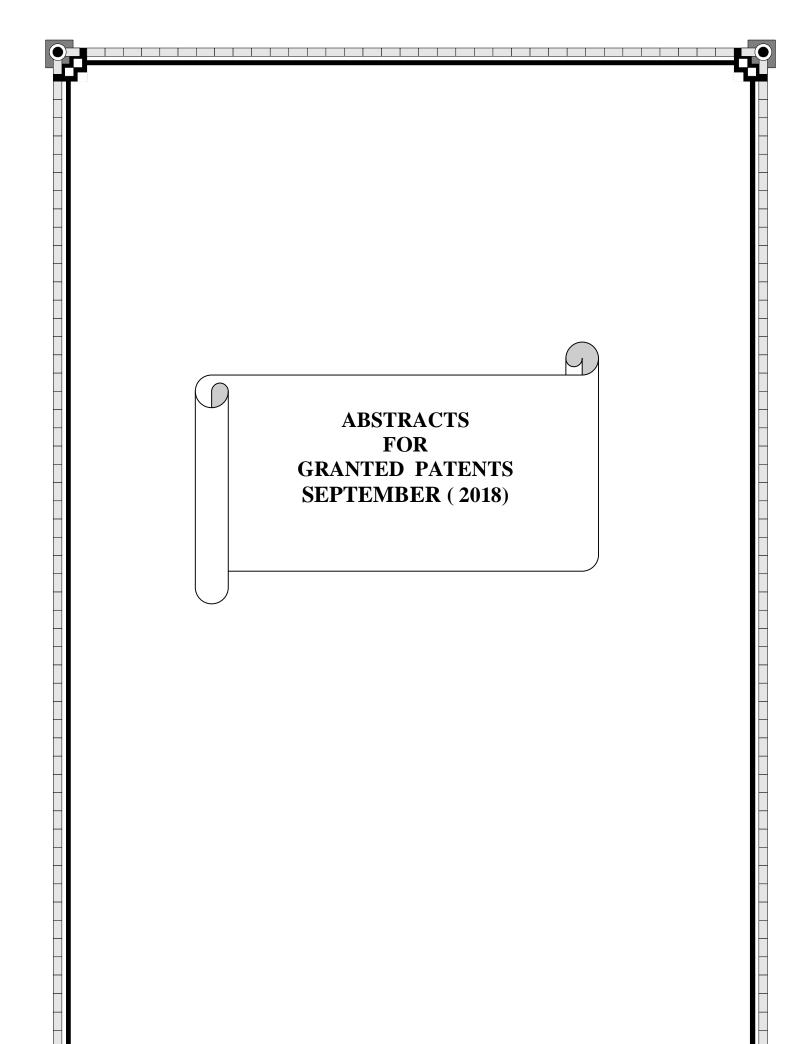
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KN	Saint Kitts and Nevis
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KR	Republic of Korea
KW	Kuwait
KZ	Kozakhstan
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SO	Somalia
SR	Suriname
ST	Saotome and Principe
SV	El Salvador
SY	Syrian Arab Republic
SZ	Swaziland
TD	Chad
TG	Togo
TJ	Tajikistan
TH	Thailand
TM	Turkmenistan
TN	Tunisia
TR	Turkey
TT	Trindad and Topago
TW	Taiwan
TZ	United Republic of Tanzania
UA	Ukraine
UG	Uganda
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

Code	Country
VE	Venezuela
VN	Viet Nam
YD	Yemen
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe





PCT

(22) 15/12/2015

(21) 1978/2015

(44) May 2018

(45) |04/09/2018

(11) 28896

(51)	Int. Cl. 8 B32B 5/02, C08B 15/04
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	1. SYED HAMID IBRAHIM KENAWY 2. PROF. DR. MOHAMMAD LOTFY HASSAN 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED, , MONA MOHAMED FAREED
(12)	Patent

(54) METHOD FOR PREPARATION OF HIGH PURITY ALUMINA NANO-TUBES USING CELLULOSE NANOFIBERS AEROGEL TEMPLATES

Patent Period Started From 15/12/2015 and Will end on 14/12/2035

(57) The current invention concerned with a method for preparation of highpurity alumina nano-tubes using cellulose nanofibers aerogel templates. The cellulose nanofibers aerogel templates with high porosity are prepared first by treatment of bleached pulps isolated from bagasse, rice straw, or other agricultural residues. Then, these templates are coated with aluminum hydroxide gels via their subsequent immersion in aluminum nitrate and ammonia solutions. The gel-coated aerogel templates are ovendried at 1000 °c and then heat treated at 1200 °c to produce alumina nanotubes, which are further washed and cleaned from impurities. The produced alumina nano-tubes are characterized by density ranges from 3.14-3.56 gm/cm3, hardness ranges from 8.8-9.9 gpa, and fracture toughness ranges from 4-4.7 mpa. M^{1/2}.



PCT

- (22) 09/05/2013
- (21) 0789/2013
- (44) May 2018
- (45) 04/09/2018
- (11) 28897

(51)	Int. Cl. 8 F04D 15/02
(71)	1. MAHMOUD ABDUL LATIF MAHMOUD MOHAMED (EGYPT)
	2. 3.
(72)	1. MAHMOUD ABDUL LATIF MAHMOUD MOHAMED
	2. 3.
(73)	1. 2.
(30)	1.
(00)	2.
(74)	3. UTILTY MODEL
(12)	Patent

(54) AUTOMATIC SWITCH OPERATION AND THE SEPARATION OF WATER PUMP AASSOCIATED WITH OVERHEAD TANKS Patent Period Started From 09/05/2013 and Will end on 08/05/2020

(57) An automatic electric device to run water pumps and separated to filled reservoirs upper. It works without electric float and without any electrical connections between the tank and the pump engine. depands on speed of water through vensuremeter and the static pressure after the over head tank has filled.



PCT

- (22) 10/12/2014
- (21) 1991/2014
- (44) May 2018
- (45) 04/09/2018
- (11) | 28898

(51)	Int. Cl. 8 A01D 46/28, A47L 13/00
(71)	 MAHMOUD AHMED EL-EMAM MOHAMMED (EGYPT) SOLIMAN NASIF SOLIMAN (EGYPT SAAD FATH-ALLA AHMED ABOUZEID (EGYPT MOHAMMED AHMED SABBAH (EGYPT)
(72)	 MAHMOUD AHMED EL-EMAM MOHAMMED SOLIMAN NASIF SOLIMAN SAAD FATH-ALLA AHMED ABOUZEID MOHAMMED AHMED SABBAH
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT - ALEX UNIVERCITY
(12)	Patent

(54) MACHINE FOR HARVESTING AND CLEANING JOJOBA SEEDS Patent Period Started From 10/12/2014 and Will end on 09/12/2034

(57) This harvesting machine was designed and constructed to help Jojoba farmers to harvest jojoba seeds from the soil surface and clean it. It consists of a modified lawn tractor provided with gasoline generator and a separation and cleaning unit. The overall machine dimensions are 200 cm high, 220 cm length and 100 cm width, the clearance from the ground is 25 cm and the machine weight is 185.5 kg. The power source is a gasoline generator (4hp) as its dimensions are (45x45x60 cm). The transmission unit consists of four main parts, electric motor (2hp), pulleys and belts, crown gear differential, wheels and Tires. It was designed to get a wide range of machine speeds ranges from 1 km/h to 6 km/h. The separating and cleaning unit was designed for harvesting jojoba seeds from the ground by pneumatic device. It consists of: 1) Electric blower motor (1hp), 2) Centrifugal air impeller (blower), 3) Reverse flow cyclone separator. It was found that the best operating conditions to obtain a higher machine performance and high productivity at the air velocity = 30 m/s, the hose length = 2.5 meters, vacuum head clearance = 5 cm from the ground surface with optimum machine forward speed = 1.2 km/h and ratio of Grain/MOG = 50%.



PCT

- (22) 15/06/2014
- (21) 0971/2014
- (44) May 2018
- (45) 04/09/2018
- (11) | 28899

(51)	Int. Cl. ⁸ B01J 19/18
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)
	2.
	3.
(72)	1. HEBA ABDALLAH MOHAMED ABDALLAH
	2. ELHAM ELZANATI
	3.
(73)	1.
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(30)	1.
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(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED, , MONA
(, ,	MOHAMED FAREED
(12)	Patent

(54) A UNIT CONTAINING A MICRO REACTOR TO PRODUCE HIGH PURITY ORGANIC ESTERS

Patent Period Started From 15/06/2014 and Will end on 14/06/2034

(57) The current invention involves a unit containing a micro-reactor to produce high-purity organic esters. The microreactor is characterized by narrowing of the inner channels, that resulting in a complete interaction between the reactants molecules in a short time. The microreactor is connected to two micro-feeding pumps with fixed micro-pumping rates to ensure that the reaction materials are pumped at fixed and steady rates. The exit of microreactor is connected to glass collector to collect the produced ester and condenser to collect produced water and the products are drawn by vacuum pump that withdrawn the ester and water under negative pressure and obtain organic ester with purity of up to 99%.



PCT

- (22) 14/05/2012
- (21) | 0877/2012
- (44) May 2018
- (45) 04/09/2018
- (11) 28900

(51)	Int. Cl. 8 A47B 38/00
(0-)	
(F1)	1. AHMED MOHAMED ABD ALLA ABO ALWAFA (EGYPT)
(71)	· · ·
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(72)	1. AHMED MOHAMED ABD ALLA ABO ALWAFA
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(30)	1.
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(74)	
(12)	Patent

(54) A DEVICE FOR THE PREVENTION AND HERNIA Patent Period Started From 14/05/2012 and Will end on 13/05/2032

(57)

A device to prevent hemorrhoids and hernia.

- -Helps the body and back to take the right position and stability during the process of output.
- -Enlarges the anus and the urethral canal naturally.
- -Maintain the level of pressure inside the abdomen .

Component of:

-Base - Conveyors - Horizontal Plate - Sling - Horizontal Catcher - Handle.



PCT

- (22) 13/05/2012
- (21) 0854/2012
- (44) May 2018
- (45) 04/09/2018
- (11) 28901

Int. Cl. 8 B82Y 30/00, B82Y 40/00
1. HEBATALRAHMAN AHME (EGYPT)
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1. HEBATALRAHMAN AHME
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Patent

(54) INDIRECT EXPOSURE METHOD FOR TREATMENT OF NANOMATERIALS AND SHORT YARNS BY LASER IRRADIATION Patent Period Started From 13/05/2012 and Will end on 12/05/2032

(57) Method to improve the mechanical properties of nano materials, micromaterials and short fibers by indirect exposure to laser irradiations. The method was done by dipping powder materials in transparent plastics to allow the passage of a laser beam through it without being absorbed or interact with transparent material The laser affect the structure of powder and improve properties,

After exposure organic solvent is used to dissociate the transparent plastics, the treated nanomaterials or short fibers were collected. The method is a physical process free of pollutants and exhaust, it do not cause economic losses in the amount of material treated.



PCT

- (22) 22/09/2015
- (21) 1573/2015
- (44) May 2018
- (45) |04/09/2018
- (11) 28902

(51)	Int. Cl. 8 C22C 16/00, 27/02, 38/14, 38/12, 38/00
(71)	1. SCIENCE & TECHNOLOGY DEVELOPMENT FUND (EGYPT) 2. 3.
(72)	 MARWA FAROUK MAHMOUD ELKADY HASSAN SHOKRY HASSAN AHMED EMAN MOHAMED MOHAMED ELSAYED
(73)	1. 2.
(30)	1. 2. 3.
(74)	MARWA ALAA EL DIN MOHAMED ABDEL-MEGUID
(12)	Patent

(54) PREPARATION TECHNIQUE OF MAGNETIC CATION EXCHANGE MATERIAL FROM NANOFIBER ZIRCONIUM TUNGSTOVANADATE IMMOBILIZED WITH MAGNETITE TO BE UTILIZED FOR INDUSTRIAL WASTEWATER TREATMENT

Patent Period Started From 22/09/2015 and Will end on 21/09/2035

(57) This invention is focus on preparation of magnetic cation exchange composed from nanofiber zirconium tungstovanadate that immobilized with magnetite tentative chemical formula that has ZRW₂O₈,ZRV₂O₇,3H₂O & FE₃O₄. This cation exchange material was synthesized using microwave technique in presence of polyvinyl alcohol as stabilizing agent in nanofiber structure. This nanofiber structural material characterized by its high porosity that. Equivalent 0.494cm³/. The brunauer-emmett-teller (BET) surface area analysis that based on multilayer nitrogen gas adsorption onto material elucidated high surface area of 640m²/g that promising high cation exchange capacity equivalent to 4.8meg/g. The material efficiency toward decontamination of both lead and strontium ions from polluted industrial wastewater. Were tested using The material showed high affinity for lead batch technique. decontamination of 99.4% compared with 84% for strontium ions. As the material characterized by its magnetic properties, so, it was separated from the treatment media using external magnetic field.



PCT

- (22) 02/04/2015
- (21) 0504/2015
- (44) May 2018
- (45) |04/09/2018
- (11) | 28903

(51)	Int. Cl. ⁸ F16K 11/00 & F15B 13/04
(71)	1. SCIENCE & TECHNOLOGY DEVELOPMENT FUND (EGYPT)
	2.
	3.
(72)	1. MOHAMMED AHMED ALGAMIL AHMED ABDUL HAFEZ
	2.
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(73)	1.
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(30)	1.
(/	2.
	3.
(74)	MARWA ALAA EL DIN MOHAMED ABDEL-MEGUID
(12)	Patent

(54) FAST SWITCHING 3/2 DIRECT OPERATED HYDRAULIC DIRECTIONAL CONTROL VALVE

Patent Period Started From 02/04/2015 and Will end on 01/04/2035

(57) The valve consists of a poppet that covers an opening at its first position and covers an opposite opining at its second positions; each opening is connected with one of the valve ports. The not covered opening is then connected with a third port. For fast response, the poppet has lowest possible mass. The switching between the positions is carried out by an actuator in one direction and by high pressure and/or spring in the other direction. The high pressure is applied to both poppet sides of closed areas, thus the actuator has to overcome small pressure force and the poppet thickness and mass could be reduced. The valve could be configured for two working ports only, and then the third can be connected with high pressure for fast return, connected to tank, or plugged. It is also possible to be configured so that the three ports are all connected together at one of the two positions. The valve with proper designs could be used for gases control and pneumatic systems.



PCT

- (22) 22/05/2014
- (21) 0827/2014 D1
- (44) April 2018
- (45) 05/09/2018
- (11) 28904

(51)	Int. Cl. 8 E02F 9/28	
(71)	1. ESCO CORPORATION (UNITED STATES OF AMERICA) 2. 3.	
(72)	 JOHNSTON, Christopher, A CONKLIN, Donald, M ROSKA, Michael, B 	4. ROSSI, William, D 5. STANGELAND, Kevin, S
(73)	1. 2.	
(30)	1. (US) 61/563,448 - 23-11-2011 2. (US) 61/720,928 - 31-10-2012 3. (PCT/US2012/065689) - 16-11-2012	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54)	WEAR MEMBER LOCK
	Patent Period Started From 16/11/2012 and Will end on 15/11/2032

- (57) Wear members for wear assemblies include a lock configured to secure the wear member to a base, where the lock has two engagement positions, namely:
 - (a) a first position that secures the lock to the wear member,
 - and (b) a second position that secures the wear member to the base. The locks are further configured to be unlatched and removed from the wear member in two phases, a first retraction of the latching mechanism, followed by a rotation of the lock itself with removal from the wear member.



PCT

- (22) 22/05/2015
- (21) 0827/2014
- (44) April 2018
- (45) 05/09/2018
- (11) 28905

(51)	Int. Cl. 8 E02F 9/28	
(71)	1. ESCO CORPORATION (UNITED STATES OF AMERICA) 2. 3.	
(72)	 CONKLIN, Donald, M STANGELAND, Kevin, S ROSKA, Michael, B 	4. ROSSI, William, D 5. JOHNSTON, Christopher
(73)	1. 2.	
(30)	1. (US) 61/563,448 - 23-11-2011 2. (US) 61/720,928 - 31-10-2012 3. (PCT/US2012/065689) - 16-11-2012	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54)	WEAR ASSEMBLY	
	Patent Period Started From 16/11/2012 and Will end on 15/11/2032	

(57) A wear member for ground-engaging equipment comprising an exterior surface to contact earthen material, an interior surface facing and contacting a base on the equipment to secure the wear member to the equipment, and a hole extending from the exterior surface to the interior surface, the hole having a rear wall with a support projecting forwardly into the hole for a lock to engage and swing inward to engage the base and hold the wear member to the equipment and swing outward to release the base and permit release of the wear member from the equipment.

(54)



PCT

- (22) 07/09/2015
- (21) 1424/2015
- (44) April 2018
- (45) 05/09/2018
- (11) 28906

(51)	Int. Cl. ⁸ B22D 41/08
(71)	1. REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG 2. 3.
(72)	 K?HLER, Sarah MARANITSCH, Alexander SERVOS, Kerry
(73)	1. 2.
(30)	1. (EP) 13165484.0 - 26-04-2013 2. (PCT/EP2014/055083) - 14-03-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

	Patent Period Started From 14/03/2014 and Will end on 13/03/2034
(57)	The Invention relates to a ladle bottom being part of a metallurgical ladle
	for treating a metal melt as well as a corresponding metallurgical ladle.

LADLE BOTTOM AND LADLE



PCT

- (22) 25/06/2013
- (21) 1100/2013
- (44) April 2018
- (45) 05/09/2018
- (11) | 28907

(51)	Int. Cl. 8 B01D 17/02, 17/04 & G10G 33/06 & E21B 43/34
(71)	1. ENI S.P.A. (ITALY)
	2. 3.
(72)	1. ANDREUSSI, Paolo 2. DI RENZO, Domenico Antonio
(73)	3. 1. 2.
(30)	1. (IT) MI2010A 002450 - 29-12-2010 2. (PCT/EP2011/074194) - 28-12-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) COALESCENCER SEPARATOR FOR A MIXTURE OF IMMISCIBLE PHASES WITH DIFFERENT SPECIFIC DENSITY Patent Period Started From 28/12/2011 and Will end on 27/12/2031

The present invention relates to an apparatus for the coalescence-separation of a mixture comprising two fluid phases mutually immiscible other and with a different specific density, characterized in that it comprises a tubular body closed at opposite ends, of which, considering the apparatus in the configuration of use, one is higher than the other, at least one inlet mouth of the mixture to be separated which is defined on the side surface of the tubular body, at least one outlet mouth of the fluid phase with a lower specific density separated from the mixture which is defined close to the end of the tubular body at an upper height, at least one outlet mouth of the fluid phase with a greater specific density separated from the mixture which is defined close to the end of the tubular body at a lower height and at least a set of coalescence plates which is housed inside said tubular body, wherein each of the coalescence plates has a flow plate of the mixture which is tilted by an angle a with respect to a plane orthogonal to the longitudinal axis (A) of the tubular body and which has a lower edge facing the end of the tubular body at a lower height and in fluid communication with a distribution channel of the mixture to be separated, which is defined inside the tubular body and is in fluid communication with the inlet mouth, and an upper edge facing the end of the tubular body at an upper height and in fluid communication with an outflow channel of at least the fluid phase with a greater specific density, which is defined in the tubular body and is in fluid communication with at least the outlet mouth of said fluid phase with a greater specific density, and wherein the coalescence plates are mutually arranged parallel and on top of each other at a defined reciprocal distance, pairs of coalescence plates mutually adjacent forming a respective flow and separation channel.



PCT

- (22) 25/06/2013
- (21) 1099/2013
- (44) April 2018
- (45) 05/09/2018
- (11) 28908

(51)	Int. Cl. 8 B01D 17/02, 17/04 & C10G 33/06 & E21B 43/34
(71)	1. ENI S.P.A. (ITALY) 2. 3.
(72)	 ANDREUSSI, Paolo DI RENZO, Domenico Antonio 3.
(73)	1. 2.
(30)	1. (IT) MI2010A 002451- 29-12-2010 2. (PCT/EP2011/074190) - 28-12-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SEPARATION OF TWO FLUID IMMISCIBLE PHASES FOR DOWNHOLE APPLICATIONS Patent Period Started From 28/12/2011 and Will end on 27/12/2031

(57) The present invention relates to a group and method for the separation of a mixture comprising two fluid phases mutually at least partially immiscible and with different specific density characterized in that it comprises a closed chamber which extends between an upper outlet mouth of a fluid phase with lower specific density separated from the mixture, positioned at a first upper height, and a lower outlet mouth of a fluid phase with greater specific density separated from the mixture, positioned at a second lower height with respect to the first upper height, an inlet for said mixture inside said closed chamber also being present at a height interposed between said upper and lower heights, a first upper gross separation device of said mixture and a second lower fine separation device of said mixture, hydraulically connected to each other, being situated in succession, inside said closed chamber, between said upper outlet mouth and said lower outlet mouth, the first upper gross separation device comprising a gravitational separation chamber and the at least second lower fine separation device comprising at least one coalescence separator and/or at least one hydrocyclone separator.



PCT

(22) 12/02/2015

(21) 0248/2015

(44) April 2018

(45) 05/09/2018

(11) 28909

	1 .	
(51)	Int. Cl. ⁸ F42B 15/12, 15/34 & B64C 1/14, 1/38 & H01Q 1/42	
(71)	1. JOINT STOCK COMPANY MILITARY INDUSTRIAL CORPORATION NPO	
(/1)	2. MASHINOSTROYENIA (United Russia)	
	3.	
(72)	1. LEONOV, Aleksandr Georgievich	10. SAFIN, Murad Dilshatovich
(12)	2. MARTYNOV, Viacheslav Ivanovich	11. BOLSHAKOV, Mikhail Valentinovich
	3. LAVRENOV, Aleksandr Nikolaevich	12. IATCYK, Vladimir Samuilovich
	4. BYCHKOV, Mikxail Sergeevich	13. MILOCHENKO, Sergei Georgievich
	5. IVANOV, Vladimir Petrovich	14. IVANOV, Ilia Aleksandrovich
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	6. SAFIN, Murad Dilshatovich	15. SVIRIN, Nikolai Stepanovich
	7. STRAKHOV, Andrei Nikolaevich	16. PETUKHOV, Roman Andreevich
	8. BOLSHAKOV, Mikhail Valentinovich	17. OGNEV, Vladimir Anatolevich
	9. IVANOV, Vladimir Petrovich	18. SURKOV, Dmitrii Mikxailovich
(73)	1.	
(10)	2.	
(30)	1. (RU) 2012134714 - 15-08-2012	
(30)	2. (PCT/RU2013/000126) - 15-02-2013	
	3.	
(7.4)	SAMAR AHMED EL LABBAD	
(74)		
(12)	Patent	

(54) FRONT COMPARTMENT OF AN AERIAL VEHICLE Patent Period Started From 15/02/2013 and Will end on 14/02/2033

(57) The invention relates to a controllable missile weapon, and more specifically, to the design of aeroballistic missiles (ABMs) with target-seeking guidance in the final portion of the trajectory. The problem addressed by the proposed invention is that of creating a front compartment (FC) of an aerial vehicle (primarily an ABM) with the possibility of simultaneously assembling therein a plurality of active and/or passive on-board front sensors for target-seeking guidance and/or a route-navigation system, said front compartment being aerodynamically efficient in terms of drag and the level of cross-communications between control channels, and permitting the possibility of independent roll stabilization of the on-board guidance and/or navigation systems. The problem mentioned is solved in that, in the front compartment of an aerial vehicle (AV), said compartment comprising a leading panel with flat illuminators and a lateral shell with a junction frame, the leading panel is in the form of a wedge, with a flare angle of the wedge planes of 60...170 degrees in the pitching plane of the AV, in which a minimum of one flat illuminator is installed.



PCT

- (22) 08/06/2015
- (21) 0919/2015
- (44) April 2018
- (45) 05/09/2018
- (11) 28910

(51)	Int. Cl. 8 H04B 1/00	
(71)	1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA) 2. 3.	
(72)	 LIN, I-Hsiang XIONG, Zhijie KRISHNAMOORTHY, Seshagiri KO, Jin-Su 	AKULA, Prashanth ZHAO, Liang WANG, Kevin Hsi Huai ZHAO, Desong
(73)	1. 2.	
(30)	1. (US) 13/712,607 - 12-12-2012 2. (PCT/US2013/074823) - 12-12-2013 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) RFIC CONFIGURATION FOR REDUCED ANTENNA TRACE LOSS

Patent Period Started From 12/12/2013 and Will end on 11/12/2033

(57) An RFIC configuration for reduced antenna trace loss is disclosed. In an exemplary embodiment, an apparatus includes a primary RFIC and a secondary RFIC that is configured to receive analog signals from at least two antennas. The secondary RFIC is configured to process selected analog signals received from at least one antenna to generate an analog output that is input to the primary RFIC.



(22) 27/01/2016

(21) 0141/2016

(44) April 2018

(45) 05/09/2018

(11) 28911 **PCT**

(51)	Int. Cl. 8 B22D 41/00
(71)	1. REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG (AUSTRIA)
	2. 3.
(72)	1. LUKESCH, Gernot
	2. KOHLER, Sarah
	3. HACKL, Gernot
(73)	1.
. ,	2.
(30)	1. (EP) 13189666.4 - 22-10-2013
	2. (PCT/EP2014/064230) - 03-07-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)FIREPROOF CERAMIC IMPACT PAD Patent Period Started From 03/07/2014 and Will end on 02/07/2034

(57) The invention relates to a fireproof (refractory) ceramic impact pad (also called impact pot, German: Pralltopf), which is typically installed along the bottom of a vessel treating metallurgical melts at an area where the metal melt, poured, into the vessel, normally hits the vessel bottom. Insofar the impact pot has the task to protect the refractory bottom of the metallurgical vessel (to reduce its wear) and/or to distribute the metal melt within the vessel.



PCT

- (22) 05/11/2015
- (21) 1757/2015
- (44) **APRIL 2018**
- (45) 05/09/2018
- (11) 28912

(51)	Int. Cl. 8 C01B 3/02, 3/48, 3/38
(71)	1. CASALE SA (SWIZERLAND)
	2.
	3.
(72)	1. OSTUNI, Raffaele
	2. FILIPPI, Ermanno
	3.
(73)	1.
(10)	2.
(30)	1. (EP) 13167211.5 - 10-05-2013
(00)	2. (PCT/EP2014/059055) - 05-05-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A PROCESS FOR PRODUCING AMMONIA SYNTHESIS GAS WITH HIGH TEMPERATURE SHIFT AND LOW STEAM-TO-CARBON RATIO

Patent Period Started From 05/05/2014 and Will end on 04/05/2034

(57) A process for producing ammonia synthesis gas from a hydrocarbon-containing feedstock in a front-end, comprising the steps of steam reforming of said feedstock, obtaining a synthesis gas comprising hydrogen, carbon monoxide and carbon dioxide; a treatment of said synthesis gas including shift of carbon monoxide and subsequent removal of carbon dioxide, wherein the shift of the synthesis gas includes high-temperature shift with an iron-based catalyst and at a temperature greater than 300 °C and the global steam-to-carbon ratio of the front end is 2.6 or less; a corresponding plant and a method for revamping a front-end of an ammonia plant are also disclosed.



PCT

- (22) 21/01/2014
- (21) 0091/2014
- (44) April 2018
- (45) 09/09/2018
- (11) 28913

(51)	Int. Cl. 8 G06F 17/30	
(71)	 BEIJING JINGDONG SHANGKE INF 3. 	ORMATION TECHNOLOGY CO, LTD. (CHINA)
(72)	1. TAN, Yaohua 2. LIU, Junyu 3. LIU, Yuanhong	4. LIU, Xiaofei
(73)	1. 2.	
(30)	1. (CN) 201110205665.2 - 21-07-2011 2. (PCT/CN2012/076996) - 15-06-2012 3.	
(74)	MAHMOUD RGAEY ELDEKY	
(12)	Patent	

(54) METHOD AND SYSTEM FOR SHOWING COMMODITY SEARCH RESULTS Patent Period Started From 15/06/2012 and Will end on 14/06/2032

(57) Disclosed are a method and system for showing commodity search results, including: receiving a commodity keyword inputted by a user, and performing a search according to the commodity keyword inputted by the user to acquire a searched commodity list; extracting the key attributes of all the commodities in the commodity list, identifying commodities with identical key attributes, and aggregating the commodities with identical key attributes into an SPU product; and showing the SPU product aggregating the commodities with identical key attributes. Applying the solution of the present invention makes it convenient for users to look up and browse the commodity search results.



PCT

- (22) 18/09/2011
- (21) 1550/2011
- (44) April 2018
- (45) 09/09/2018
- (11) 28914

(51)	Int. Cl. 8 H04J 1/00, 99/00 & H04J 11/00 & H04W 16/28
(71)	1. NTT DoCoMo INC (JAPAN)
	2.
	3.
(72)	1. SAWAHASHI, Mamoru
\ _/	2. TAOKA, Hidekazu
	3. KISHIYAMA, Yoshihisa
(73)	1.
()	2.
(30)	1. (JP) 2009-063594 - 16-03-2009
(30)	2. (PCT/JP2010/054397) - 16-03-2010
	3.
(74)	MAHMOUD RGAEY ELDEKY
(12)	Patent

(54) RADIO BASE STATION APPARATUS, MOBILE STATION APPARATUS AND WIRELESS COMMUNICATION METHOD Patent Period Started From 16/03/2010 and Will end on 15/03/2030

(57) This invention provides a radio base station apparatus and a wireless communication method wherein a downstream reference signal arrangement suitable for conversion to virtual antennas can be used to perform wireless communications. A radio base station apparatus produces a plurality of transmission antennas, CRS to be used for demodulating at least downstream control information, CQI-RS to be used for determining a channel quality for each of the transmission antennas, and DM-RS to be used for demodulating downstream transmitted data for each of a plurality of streams, and then multiplexes the CRS, CQI-RS and DM-RS in the same transmission time unit for transmission via the antennas



PCT

- (22) 18/09/2011
- (21) 1550/2011 D1
- (44) April 2018
- (45) |09/09/2018
- (11) 28915

(51)	Int. Cl. 8 H04J 99/00, 11/00, 1/00 & H04W 16/28
(71)	1. NTT DoCoMo INC (JAPAN) 2.
	3.
(72)	1. SAWAHASHI, Mamoru
	2. TAOKA, Hidekazu
	3. KISHIYAMA, Yoshihisa
(73)	1.
()	2.
(30)	1. (JP) 2009-063594 - 16-03-2009
(50)	2. (PCT/JP2010/054397) - 16-03-2010
	3.
(74)	MAHMOUD RGAEY ELDEKY
(12)	Patent

(54) RADIO BASE STATION APPARATUS, MOBILE STATION APPARATUS AND WIRELESS COMMUNICATION METHOD Patent Period Started From 16/03/2010 and Will end on 15/03/2030

(57) This invention provides a radio base station apparatus and a wireless communication method wherein a downstream reference signal arrangement suitable for conversion to virtual antennas can be used to perform wireless communications. A radio base station apparatus (200) produces a plurality of transmission antennas, CRS to be used for demodulating at least downstream control information, CQI-RS to be used for determining a channel quality for each of the transmission antennas, and DM-RS to be used for demodulating downstream transmitted data for each of a plurality of streams, and then multiplexes the CRS, CQI-RS and DM-RS in the same transmission time unit for transmission via the antennas.



PCT

- (22) 20/05/2015
- (21) 0788/2015
- (44) MARCH 2018
- (45) 12/09/2018
- (11) 28916

(51)	Int. Cl. 8 H04W 36/34, 36/08, 12/06
(71)	1. QUALCOMM, INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	1. CHERIAN, George 2. SAMPATH, HEMANTH 3.
(73)	1. 2.
(30)	1. (US) 61/730,432 - 27-11-2012 2. (US) 14/090,789 - 26-11-2013 3. (PCT/US2013/072134) - 27-11-2013
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FAST ASSOCIATION AND ADDRESS CONTINUITY FOR HANDOFF BETWEEN UNMANAGED ACCESS POINTS Patent Period Started From 27/11/2013 and Will end on 26/11/2033

(57) A method, an apparatus, and a computer program product for wireless communication are provided. The apparatus may comprise an interface configured to communicate data via a first device while an association is maintained with the first device and a processing system configured to perform pre-association operations, via the interface, to initiate association with a second device, while maintaining the association with the first device, and to decide to complete association with the second device and communicate data with the second device, based on a first one or more conditions.



PCT

- (22) 02/06/2015
- (21) 0853/2015
- (44) April 2018
- (45) 12/09/2018
- (11) 28917

(51)	Int. Cl. 8 H04W 4/00
(71)	 QUALCOMM INCORPORATED (UNITED STATES OF AMERICA) 3.
(72)	 ZAWAIDEH, Fahed I BHARADWAJ, Murali B 3.
(73)	1. 2.
(30)	1. (US) 13/692,107 - 03-12-2012 2. (PCT/US2013/071736) - 25-11-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) APPARATUSES AND METHODS FOR DYNAMIC ENABLEMENT OF WIRELESS COMMUNICATION DEVICE FUNCTIONALITIES Patent Period Started From 25/11/2013 and Will end on 24/11/2033

(57) An apparatus operable in a communication system is described. The apparatus includes means for determining a set of wireless communication device functionalities. The apparatus determines the set of wireless communication device functionalities using a functionality table based on a network identifier. The apparatus also includes means for enabling the set of wireless communication device functionalities.



PCT

- (22) 10/11/2015
- (21) 1778/2015
- (44) March 2018
- (45) 12/09/2018
- (11) 28918

(51)	Int. Cl. 8 H01R 13/53, 13/648, 31/02, 43/16
(71)	1. Thomas & Betts International LLC, (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. Larry N.Siebens
	2. Alan D. Borgstrom 3.
(73)	1.
(10)	2.
(30)	1. (US) 62/080,496 - 17-11-2014
	2. 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) GROUNDING LINK FOR ELECTRICAL CONNECTOR MECHANISM Patent Period Started From 10/11/2015 and Will end on0911/2035

(57) A grounding link for use with an elbow-type power cable electrical connector. The grounding link includes a bushing interface portion, a cap receiving portion, and a tap portion, wherein the grounding link further includes a grounding element extending between the bushing interface portion and a cap receiving portion, and wherein the bushing interface portion of the grounding link is configured for insertion into a bore in elbow-type power cable electrical connector. The grounding element includes an exposed portion projecting above a surface of the grounding link, wherein the exposed portion of the grounding element is configured for attachment by a grounded hot line clamp to ground the electrical connector assembly. The tap portion is configured for receipt of a second elbow connector to conductively couple the second elbow connector to the elbow-type power cable electrical connector.



PCT

- (22) 06/09/2015
- (21) 1414/2015
- (44) | March 2018
- (45) 12/09/2018
- (11) 28919

(51)	Int. Cl. 8 E01F 15/02, 9/03
(71)	1. SANCHEZ DE LA CRUZ, Jose Manuel (SPAIN)
	2. 3.
(72)	1. SANCHEZ DE LA CRUZ, Jose Manuel
	2. 3.
(73)	1.
(30)	2. 1. (ES) P201330308 - 05-03-2013
(30)	2. (PCT/ES2013/070815) - 25-11-2013
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROTECTIVE GUARDRAIL FOR ROADS Patent Period Started From 25/11/2013 and Will end on 24/11/2033

(57) The guardrail, which may take the form of various types of guardrails, is noteworthy in that it includes an impact detector/indicator, for indicating the location of the guardrail involved in an impact or accident and also for notifying the accident and the place where it occurred to a traffic control station or to public assistance personnel. The detector/indicator includes a convex protective plate attached to the front of the guardrail with which it is used, said plate protecting a connection box and a tube so as together to create a means for detecting and communicating the impact that occurred, also having an indicator light for flagging up the impact, said indicator being positioned on a support plate secured above the protective plate.



PCT

- (22) 18/10/2006
- (21) 0559/2006
- (44) June 2018
- (45) 17/09/2018
- (11) 28920

(51)	Int. Cl. 8 C07F 15/04
(71)	1. OMAR MAHMOOD ATIA AL-RAWI (EGYPT) 2. FEKRIA AHMED FATHI KASSEM
(72)	1. OMAR MAHMOOD ATIA AL-RAWI 2. FEKRIA AHMED FATHI KASSEM
(73)	3. 1.
(30)	2. 1.
(00)	2. 3.
(74)	
(12)	Patent

(54) A PROCESS FOR MANUFACTURING UREA PHOSPHATE Patent Period Started From 18/10/2006 and Will end on 17/10/2026

(57) The present invention is related to a process for manufacturing urea phosphate. The process of manufacturing urea phosphate has been witnessing continuous developments because of the need for this type of fertilizer. The manufacturing process requires reacting concentrated or diluted phosphoric acid (of a commercial grade) with the urea used for producing urea phosphate. Phosphoric acid is obtained by mixing sulfuric acid with calcined phosphate rock. By using a two-stage method (i.e. a dihydrate method), a mixture of phosphoric acid and gypsum (cas04 2h20) is obtained. once the mixture-exits the reactor, 1% of urea is added thereto (1 mol of urea to 1 mol of phosphoric acid + 1% of urea). The reaction then leaves the pipe reactor to a filtration step in which the concentrate (i.e. urea phosphate) is withdrawn to a concentration and filtration unit, wherein 98% of sulfuric acid (1%) is added to the solution. The resultant is cooled town by means of evaporation with a cooling tower or by using a concentration and drying tower. The obtained crystals are then separated and dried. The remaining liquid may be added to the product obtained by washing gypsum in the two consecutive stages to dilute sulfuric acid before being added to the reactor or may be added with the rock in the firs stage to the phosphate to moisten and ease the reaction.



PCT

- (22) 23/05/2011
- (21) 0810/2011
- (44) June 2018
- (45) 17/09/2018
- (11) 28921

(51)	Int. Cl. 8 G05B 23/0294
(71)	 IDACO (INDUSTRIAL DEVELOPMENT OF AUTOMOTIVE COMPONENTS) (EGYPT) HISHAM GAMAL EL-DIN MAHMOUD FOUAD 3.
(72)	 IDACO (INDUSTRIAL DEVELOPMENT OF AUTOMOTIVE COMPONENTS) HISHAM GAMAL EL-DIN MAHMOUD FOUAD 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	PROFESSOR / ADEL SAYED TAHA YASSIN - MR. / HASSAN ABDULLAH SAEED
(12)	Patent

(54) ASC (AUTOMATIC SUPERVISOR AND CONTROL SYSTEM Patent Period Started From 23/05/2011 and Will end on 22/05/2031

Our invention is a device which its main objective to monitor the workers efficiency. It is an automatically computer system consisted of hardware keypad & software for controlling and supervising the workers efficiency in any organization in real time manner. The system can also be used to remotely control some electric machines or appliances for switching on /off these devices based on a software schedule that can be changed at run time. The system can also be used for equation of data from any set of servers that is attached to the system and collected on the sever data base central point for monitoring these servers in a real time manner An Automatic supervision and control system for a company comprising a plurality of tasks, characterized by comprising: a) a first plurality of ASC units, each ASC unit being associated to a corresponding task of the company, wherein each ASC unit comprises data acquisition means configured for detecting when a task has been finished; b) a second plurality of ASC units configured for allowing quality inspectors to enter quality data on the tasks; c) a central server connected to the first and second pluralities of ASC units, the central server comprising: - a processing unit configured for calculating the efficiency and/or quality level of each task, either individually or in a grouped fashion; and - a database configured for storing the data on the tasks sent by the ASC units, as well as the efficiencies and quality levels calculated by the processing unit; and d) at least one managing station connected to the central server, the managing station being configured for receiving the efficiency and quality levels calculated by the processing unit.



PCT

- (22) 01/03/2011
- (21) 0336/2011
- (44) July 2018
- (45) 17/09/2018
- (11) 28922

(51)	Int. Cl. ⁸ A61K 36/63, 35/64
(71)	1. MAMDOUH ABDULMAKSOUD MOHAMED ABDULRHMAN (EGYPT)
` ´	2.
	3.
(72)	1. MAMDOUH ABDULMAKSOUD MOHAMED ABDULRHMAN
` ´	2.
	3.
(73)	1.
` '	2.
(30)	1.
` /	2.
	3.
(74)	
(12)	Patent

- (54) A method of preparation of an ointment from natural products, which has anti-inflammatory and anti-microbial properties

 Patent Period Started From 01/03/2011 and Will end on 28/02/2031
- (57) THE PRESENT INVENTION RELATES TO A METHOD OF **PREPARATION** OF AN **OINTMENT FROM NATURAL** INGREDIENTS BY BLENDING 29% OLIVE OIL- PROPOLIS EXTRACT WITH 14% BEESWAX IN A LIQUID STATE AND 57% TO GET A HOMOGENEOUS MIXTURE OF BEE HONEY OINTMENT, WHICH HAS ANTI-INFLAMMATORY, ANTI-MICROBIAL AND ANTI-OXIDANT PROPERTIES. THIS OINTMENT IS EFFECTIVE AS A TOPICAL TREATMENT OF BURNS, WOUNDS, **ULCERS AND NAPKIN DERMATITIS**



PCT

- (22) 08/09/2014
- (21) 1422/2014
- (44) June 2018
- (45) 17/09/2018
- (11) 28923

(51)	Int. Cl. 8 E21B 43/36
(71)	1. SALAH ELDIN MOHAMED SALEH ELSAKET (EGYPT) 2. 3.
(72)	1. SALAH ELDIN MOHAMED SALEH ELSAKET 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	Focal point - ALEXANDRIA UNIVERSITY
(12)	Patent

ONE TOOL FOR ENGINEERING DRAWING REPLACING MANY TOOLS

Patent Period Started From 08/09/2014 and Will end on 07/09/2034

(57) THE TOOL REPLACES COMPASS,PROTRACTOR,TRIANGLE AND RULER AND its consists of two parts the first is a transparent plastic disc which has a radius of 12 centimeters and a thickness of 2 millimeters with two grooves one is 1 millimeter wide and 20 centimeters long, perpendicular to the other one which is 1 millimeter wide and 19.85 centimeters long. The two grooves pass the center of the disc which lies at the middle of the longest one which is scaled in inches and divides the other one which is scaled in centimeters into a 10 centimeter part and a 9.85 centimeter part with a 1 millimeter diameter hole at a distance of 1 millimeter from its end which is 9.85 centimeter from the center of the disc. The other part is a circular lamination scaled from zero to 360 degrees on its inner circumference which is 12 centimeters in radius while its outer radius is 14 centimeters such that the disc can rotate inside it firmly around the same center.



PCT

- (22) 08/09/2014
- (21) 1421/2014
- (44) June 2018
- (45) 17/09/2018
- (11) 28924

(51)	Int. Cl. 8 F01D 9/02
(71)	1. SALAH ELDIN MOHAMED SALEH ELSAKET (EGYPT) 2. 3.
(72)	1. SALAH ELDIN MOHAMED SALEH ELSAKET 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	ALEXANDRIA UNIVERSITY
(12)	Patent

(54) A HIGH EFFICIENCY METHOD TO GENERATE ELECTRICAL ENERGY USING A LOW PRESSURE STEAM

Patent Period Started From 08/09/2014 and Will end on 07/09/2034

(57) The method uses a boiler to generate steam of an atmospheric pressure at a temperature of 100 degree centigrade then reducing steam pressure to the required value by decreasing the cross section area of the steam tube then passing the steam alternatively in front of the outlets of two convergent divergent nozzles whose inlets are open to the atmospheric pressure thus causing air to flow at a high speed from the inlets of the nozzles to their outlets alternatively which causes a carriage existing in the area between the two outlets of the two nozzles to move in a reciprocal motion which is then converted to a rotational motion to rotate an electrical generator to generate electricity.



PCT

(22) 04/10/2015

(21) | 1602/2015

(44) June 2018

(45) 17/09/2018

(11) 28925

(51)	Int. Cl. 8 C02F 1/44, 103/08, 103/00	
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.	
(72)		HANAA GAMAL HASSEN DALLAH
(73)	1. 2.	
(30)	1. 2. 3.	
(74)	FOCAL POINT - National Center for Research-MAG YOUSSEF AHMED- MONA MOHAMED FARID	DA MOHASEB ALSAYED- AMAL
(12)	Patent	

A draw solute used for desalination via forward osmosis unit and its preparation method Patent Period Started From 04/10/2015 and Will end on 03/10/2035

(57)

This invention is belonged to a draw solute used for desalination via forward osmosis unit and its preparation method. This compound is considered as imidiazol derivatives and prepared by the addition of 2methyl imidazole to concentrated hydrochloric acid under continuous stirring and pH adjustment at neutral. This compound is characterized by high osmotic pressure which leading to high water flux in addition to its high rejection and minimum reverse solute flux. The compound can be applied in water desalination and treatment of agriculture, industrial and sanitary wastewater.



PCT

- (22) 29/07/2015
- (21) 1175/2015
- (44) June 2018
- (45) 17/09/2018
- (11) 28926

(51)	Int. Cl. 8 H02B 15/00
(71)	1. YOSOF ABDO YOSOF AL DOD (EGYPT) 2.
	3.
(72)	1. YOSOF ABDO YOSOF AL DOD
	2.
	3.
(73)	1.
()	2.
(30)	1.
(00)	2.
	3.
(74)	
(12)	Patent

THREE PHASE FAULT INDICATOR LINKED TO MOBILE PHONE FOR MEDIUM VOLTAGE

Patent Period Started From 29/07/2015 and Will end on 28/07/2035

(57) It is a three phase Fault Indicator linked to mobile phone mounted on three phases of medium voltage transmission lines. It makes adjusting at different values to match different operating conditions. When an unbalance happened or an increase of current for specified value, the mobile will open and make a connection Then close the mobile and give light signal continues for 14 hours When removing the cause of unbalance or increasing of current, And the current back in range or at less values of current (4 Amp), And at the end of the specified time It will be self-extinguishing.



PCT

- (22) 02/04/2015
- (21) 0503/2015
- (44) June 2018
- (45) 17/09/2018
- (11) 28927

(51)	Int. Cl. 8 F16K 11/00, 39/00 & F15B 13/04
(71)	1. SCIENCE AND TECHNOLOGY DEVELOPMENT FUND (EGYPT)
, ,	2.
	3.
(72)	1. MOHAMMED AHMED ALGAMIL AHMED ABDUL HAFEZ
	2.
	3.
(73)	1.
	2.
(30)	1.
(0 0)	2.
	3.
(74)	MARWA ALAA EL DIN MOHAMED ABDEL-MEGUID
(12)	Patent

(54) DIRECT OPERATED HYDRAULIC SERVOVALVES Patent Period Started From 02/04/2015 and Will end on 01/04/2035

(57) The servovalve incorporates a rotating valving element which connects between the valve ports through grooves formed inside it. The valving element grooves are formed symmetrically in both the valving elements sides, where each pair of symmetrical grooves is optionally separated by a stiffening web. Holes through the webs connect between the symmetrical grooves. The control orifices are formed between some edges in the valving element grooves and edges of grooves in adjacent fixed elements surrounding the valving element and properly designed for this purpose. The flow ducts inside the valves are formed by the grooves in the valving element and the adjacent parts to provide enough flowing cross sectional areas. The control orifices are formed in pairs at both valving element sides to duplicate the area and provide symmetry for flow forces lateral components balance. Each portion of the valving elements is subjected to the same pressure at its both sides to provide static balance. The rotational movement generates relatively large control orifice from rotary or linear drivers of short strokes. Thin valving elements with grooves provide lowest inertia for high speed of response.



PCT

- (22) 20/05/2015
- (21) 0790/2015
- (44) June 2018
- (45) 17/09/2018
- (11) | 28928

(51)	Int. Cl. 8 C12M 21/04, 1/02
(71)	1. EGYPT- JAPAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (E-JUST) (EGYPT) 2. 3.
(72)	1. AHMED TAWFIK IBRAHIM 2. MOHAMED MAHMOUD ABDELMEGUID ELSAMADONY 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	NOHA MOHAMMED SAMY MOHAMMED HELMY AFIFI
(12)	Patent

(54) AN ANAEROBIC DIGESTION REACTOR FOR THE DISPOSAL OF ORGANIC SOLID WASTES

Patent Period Started From 20/05/2015 and Will end on 19/05/2035

(57) The invention introduces a novel design and operating system for producing hydrogen gas from organic matter at its dry state. The proposed design namely up-flow intermittent-stirred tank reactor (UISTR) fabricated by hybrid classical continuous stirred tank reactor (CSTR) in combination with up-flow anaerobic sludge blanket (UASB). This new design improves the contact between the dry organic fractions and hydrogen producing microorganisms achieving pioneer properties outperform those obtained by classical ones, either in hydrogen productivity or organic removal efficiency and conversion of bio-solids into fertilizers. Furthermore, this invention certainly offers low-cost technology, producing energy in the form of hydrogen from unwanted organic solid waste (OSW) to create clean and green country. However, the 1st problem in bio-energy production from dry organic waste fractions are the low rates and yields. This is overcome by this invention where more effective interaction between feedstock and microorganisms are used in a proper and novel design. This invention can be applied also for energy production from biosolids of food industry processing wastes and biodegradable agriculture wastes.



PCT

- (22) 26/01/2015
- (21) 0134/2015
- (44) June 2018
- (45) 17/09/2018
- (11) 28929

(51)	Int. Cl. 8 G01F 15/06
(71)	1. ASHRF FARAG SOLIMAN (EGYPT) 2. 3.
(72)	 ASHRF FARAG SOLIMAN 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	MOHAMMED TARIQ ABU RAJAB
(12)	Patent

(54) METER WITH READING SYSTEM OF THE GAS METER ELECTROMECHANICAL FROM THE OUTSIDE Patent Period Started From 26/01/2015 and Will end on 25/01/2035

(57) The current invention relates to a meter with a system for reading the domestic gas meter and an outside mechanic without entering to the apartment and also remote control so that consumption can be read without the presence of any individual in the apartment and this makes from the ease of reading and also the lack of accumulation of readings on the consumer.



PCT

- (22) 11/12/2013
- (21) 1886/2013
- (44) May 2018
- (45) 18/09/2018
- (11) 28930

(51)	Int. Cl. ⁸ F04D 15/00
(71)	1. Xylem IP Holdings LLC (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. LARSSON, Martin
()	2. FULLEMANN, Alexander
	3.
(73)	1.
	2.
(30)	1. (SE) 1150547-6-16-06-2011
(30)	2. (PCT/SE2012/050579) - 31-05-2012
	3.
(74)	REZK, SOHEER, MICHEAL
(12)	Patent

(54) METHOD FOR CONTROLLING A PUMP Patent Period Started From 31/05/2012 and Will end on 30/05/2032

(57) The invention relates to a method for automatic mutual alternation between an arbitrary number of pumps by the control of an individual pump, which makes use of a start condition for a state change from an inactive state of the pump into an active state of the pump to be performed, as well as makes use of a stop condition for a state change from said active state into said inactive state to be performed. According to the invention, the method comprises a sub method (Find start condition) that comprises the step of, after a predetermined stage, arbitrarily changing the start condition of the individual pump within predetermined limits.



PCT

- (22) 08/12/2015
- (21) 1932/2015
- (44) June 2018
- (45) 18/09/2018
- (11) 28931

(51)	Int. Cl. 8 F25B 5/00, 30/06
(71)	1. MOHAMAD RAGA (EGYPT)
	2.
	3.
(72)	1. MOHAMAD RAGA
	2.
	3.
(73)	1.
(-)	2.
(30)	1.
(0 0)	2.
	3.
(74)	
(12)	Patent

(54) THE MULTIPLE COILS CAPACITIES AND EVAPORATING TEMPERATURES EVAPORATOR

Patent Period Started From 08/12/2015 and Will end on 07/12/2035

(57) The patent is adesign of multiple coils capacities and evaporating temperatures evaporator or haet exchanger that allows to increase and decrease the value of evaporator cooling capacity and also shifting to different evaporating temperatures.



PCT

- (22) 02/06/2013
- (21) | 0942/2013 D3
- (44) March 2018
- (45) 19/09/2018
- (11) 28932

(51)	Int. Cl. 8 H04N 7/30
(71)	1. SONY CORPORATION (JAPAN) 2.
(72)	3. 1. SATO, Kazushi 2.
(73)	3. 1. 2.
(30)	1. (JP) 2010-275116 - 09-12-2010 2. (JP) 2011-049992 - 08-03-2011 3. (PCT/JP2011/073657) - 14-10-2011
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD

Patent Period Started From 14/10/2011 and Will end on 13/10/2031

(57) Problem To suppress an increase in the amount of encoding when the number of quantization matrices increases. [Solution] Provided is an image processing device equipped with: a selection unit that selects a transformation unit used for an inverse orthogonal transformation of image data to be decoded from among a plurality of transformation units having differing sizes; a generation unit that generates a second quantization matrix corresponding to a transformation unit having a second size from a first quantization matrix corresponding to a transformation unit having a first size; and an inverse quantization unit that, when the transformation unit having the second size is selected by the selection unit, performs inverse quantization of transformation coefficient data of the image data using the second quantization matrix generated by the generation unit.



PCT

- (22) 02/06/2013
- (21) 0942/2013
- (44) | March 2018
- (45) 19/09/2018
- (11) 28933

(51)	Int. Cl. 8 H04N 7/30
(71)	1. SONY CORPORATION (JAPAN) 2. 3.
(72)	1. SATO, Kazushi 2. 3.
(73)	1. 2.
(30)	1. (JP) 2010-275116 - 09-12-2010 2. (JP) 2011-049992 - 08-03-2011 3. (PCT/JP2011/073657) - 14-10-2011
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD

Patent Period Started From 14/10/2011 and Will end on 13/10/2031

(57) Problem] To suppress an increase in the amount of encoding when the number of quantization matrices increases. [Solution] Provided is an image processing device equipped with: a selection unit that selects a transformation unit used for an inverse orthogonal transformation of image data to be decoded from among a plurality of transformation units having differing sizes; a generation unit that generates a second quantization matrix corresponding to a transformation unit having a second size from a first quantization matrix corresponding to a transformation unit having a first size; and an inverse quantization unit that, when the transformation unit having the second size is selected by the selection unit, performs inverse quantization of transformation coefficient data of the image data using the second quantization matrix generated by the generation unit.



PCT

- (22) 02/06/2013
- (21) | 0942/2013 D2
- (44) | March 2018
- (45) 19/09/2018
- (11) 28934

(51)	Int. Cl. ⁸ H04N 7/30
(71)	1. SONY CORPORATION (JAPAN) 2. 3.
(72)	1. SATO, Kazushi 2. 3.
(73)	1. 2.
(30)	1. (JP) 2010-275116 - 09-12-2010 2. (JP) 2011-049992 - 08-03-2011 3. (PCT/JP2011/073657) - 14-10-2011
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD

Patent Period Started From 14/10/2011 and Will end on 13/10/2031

(57) Problem] To suppress an increase in the amount of encoding when the number of quantization matrices increases. [Solution] Provided is an image processing device equipped with: a selection unit that selects a transformation unit used for an inverse orthogonal transformation of image data to be decoded from among a plurality of transformation units having differing sizes; a generation unit that generates a second quantization matrix corresponding to a transformation unit having a second size from a first quantization matrix corresponding to a transformation unit having a first size; and an inverse quantization unit that, when the transformation unit having the second size is selected by the selection unit, performs inverse quantization of transformation coefficient data of the image data using the second quantization matrix generated by the generation unit.



PCT

- (22) 22/03/2012
- (21) 0526/2012
- (44) April 2018
- (45) 19/09/2018
- (11) 28935

(51)	Int. Cl. 8 F16L1/20 & B66C23/52 & B63B27/08 & B66D1/26
(71)	1. SAIPEM S.P.A (ITALY)
, ,	2.
	3.
(72)	1. CHIODINI, Carlo
()	2. HUOT, Emmanuel
	3. MOCERI, Liborio
(73)	1.
(10)	2.
(30)	1. (IT) MI2009A001639 - 25-09-2009
(50)	2. (PCT/IB2010/002403) - 27-09-2010
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) HOISTING METHOD AND ASSEMBLY FOR ABANDONING AND/OR RECOVERING AN UNDERWATER PIPELINE FROM A LAYING VESSEL, AND LAYING VESSEL EQUIPPED WITH SUCH A HOISTING ASSEMBLY

Patent Period Started From 27/09/2010 and Will end on 26/09/2030

(57) A method of abandoning or recovering an underwater pipeline from a laying vessel, the method including the steps of looping a first rope about a pulley connected to the free end of the pipeline; end- locking the first rope, on one side, to the laying vessel; and winding or unwinding the first rope, on the other side, by means of a first winch located on the laying vessel and having a first hoisting capacity.



PCT

- (22) 08/12/2014
- (21) 1986/2014
- (44) March 2018
- (45) 19/09/2018
- (11) 28936

(51)	Int. Cl. 8 C07D 311/72 & C08K 5/00 & C08J 3/00		
(71)	1. CYTEC TECHNOLOGY CORP. (UNITED STATES OF AMERICA) 2. 3.		
(72)	 GUPTA, Ram SAMUELS, Sari-Beth ENG., J., Mon Hei 	4. STEELE, Thomas	
(73)	1. 2.		
(30)	1. (US) 13/495,109 - 13-06-2012 2. (PCT/US2013/045318) - 12-06-2013 3.		
(74)	Amr Mofed El Deeb		
(12)	Patent		

(54) STABILIZER COMPOSITIONS CONTAINING SUBSTITUTED CHROMAN COMPOUNDS AND METHODS OF USE

Patent Period Started From 12/06/2013 and Will end on 11/06/2033

(57) compositions having a chroman-based compound according to Formula (V): and their use in processes for stabilizing organic materials subject to degradation and/or discoloration due to the effects from light, oxygen and heat, and in processes for producing articles from organic materials blended therewith, are provided herein.



PCT

- (22) 12/06/2014
- (21) 0967/2014
- (44) | March 2018
- (45) 19/09/2018
- (11) 28937

(51)	Int. Cl. 8 B32B 7/04, 27/32, 7/08, 3/10
(71)	1. 3M INNOVATIVE PROPERTIES COMPANY (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. CHANDRASEKARAN, Neelakandan
	2. 3.
(73)	1.
(30)	2. 1. (US) 13/324,130 - 13-12-2011
()	2. (US) 13/323,980 - 13-12-2011
	3. (PCT/ US2012/069165) - 12-12-2012
(74)	ABDEL HADY OFFICE
(12)	Patent

(54) STRUCTURED FILM CONTAINING BETA-NUCLEATING AGENT AND METHOD OF MAKING THE SAME Patent Period Started From 12/12/2012 and Will end on 11/12/2032

(57) A structured film of a semi-crystalline polyolefin and a beta-nucleating agent is disclosed. The structured film has a backing and upstanding posts attached to the backing. At least a portion of the film typically includes beta-spherulites. In some embodiments, the backing is microporous while the upstanding posts have lower porosity. A method of making a structured film is also disclosed. The method includes extruding a melt of a polyolefin and a beta-nucleating agent in the presence of a tool to provide the structured film having upstanding posts on a backing and cooling at least a portion of the structured film to a temperature sufficient to form beta-spherulites. In some embodiments, the method further includes stretching the structured film containing beta-spherulites to provide micropores in the backing.



PCT

- (22) 22/01/2015
- (21) 0108/2015
- (44) March 2018
- (45) 19/09/2018
- (11) 28938

(51)	Int. Cl. 8 A01N 43/40
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	1. YERKES, Carla 2. MANN, Richard, K 3. SCHMITZER, Paul, R.
(73)	1. 2.
(30)	1. (US) 61/675,043 - 24-07-2012 2. (US) 13/833,659 - 15-03-2013 3. (PCT/US2013/051294) - 19-07-2013
(74)	abdel hady office
(12)	Patent

(54)	HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-
	CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-
	METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID
	Patent Period Started From 10/07/2013 and Will and an 18/07/2033

(57) A synergistic herbicidal composition containing (a) a compound offormula (I):

4-amino-3-chloro5-fluorc-6-(4-chloro-2-fluoro-3-methoxyphenyl)pyridine-2carboxylic acid or a derivative thereof, or an agriculturally acceptable salt or ester thereof and (b) an imidazolinone, including but not limited to imazethapyr ammonium, imazamox ammonium, imazapic ammonium, imazapyr isopropylamine salt, imazamethabenz-methyl and jmazaquin isopropylamine salt, provide control of undesirable vegetation e.g., in direct-seeded rice, water-seeded rice, transplanted rice, cereals, wheat, barley, oats, rye, sorghum, com or maize, sugarcane, sunflower, oilseed rape, canola, sugar beet, soybean, cotton, pineapple, vegetables, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, aquatics, plantation crops, vegetables, industrial vegetation management (IVM) and rights of way (ROW).



PCT

- (22) 01/07/2015
- (21) 1070/2015
- (44) May 2018
- (45) 23/09/2018
- (11) 28939

(51)	Int. Cl. 8 H04N 19/33, 19/423, 19/436
(71)	1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	1. CHEN, Ying 2. WANG, Ye-Kui 3.
(73)	1. 2.
(30)	1. (US) 61/105,749- 04-01-2013 2. (US) 14/146,507- 24-07-2014 3. (PCT/US2014/010190) - 03-01-2014
(74)	ABDEL HADY OFFICE
(12)	Patent

(54) MULTI-RESOLUTION DECODED PICTURE BUFFER MANAGEMENT FOR MULTI-LAYER CODING Patent Period Started From 03/01/2014 and Will end on 02/01/2034

(57) This disclosure describes various methods and techniques for decoded picture buffer (DPB) management when multiple decoded layer components with different resolutions need to be stored. In one example, a method of coding video data comprises decoding video data to produce a plurality of decoded layer components, storing the decoded layer components in one or more sub-units of a DPB, and performing a DPB management process on the one or more sub-units, wherein the DPB management process is managed separately for each of the one or more sub-units.



PCT

- (22) 05/07/2015
- (21) 1086/2015
- (44) May 2018
- (45) 23/09/2018
- (11) 28940

(51)	Int. Cl. 8 H04N 19/70, 19/149, 19/44, 19/46
(71)	1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA) 2.
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(72)	1. WANG, Ye-Kui 2.
	3.
(73)	1. 2.
(30)	1. (US) 61/749,866 - 07-01-2013
	2. (US) 14/061,260 - 23-10-2013
	3. (PCT/US2013/077279) - 20-12-2013
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SIGNALING OF PICTURE ORDER COUNT TO TIMING INFORMATION RELATIONS FOR VIDEO TIMING IN VIDEO CODING

Patent Period Started From 20/12/2013 and Will end on 19/12/2033

(57) In an example, the disclosure provides for receiving a coded video sequence comprising encoded pictures of a video sequence and receiving timing parameters for the coded video sequence that include an indication of whether a picture order count (POC) value for each picture in the coded video sequence that is not a first picture in the coded video sequence according to a decoding order is proportional to an output time of the picture relative to an output time of the first picture in the coded video sequence in a video parameter set (VPS) syntax structure referenced by the coded video sequence. Another example provides for encoding pictures of a video sequence to generate the coded video sequence comprising the encoded pictures and signaling timing parameters for the coded video sequence by signaling the indication in the VPS syntax structure referenced by the coded video sequence.



PCT

- (22) 14/05/2014
- (21) 0779/2014
- (44) May 2018
- (45) 27/09/2018
- (11) 28941

(51)	Int. Cl. ⁸ F41H 5/02	
(71)	1. FOSTER - MILLER.INC (UNITED STATES OF AMERICA) 2. 3.	
(72)	 FARINELLA, Michael LAWSON, William QUIGLEY, Scott 	4. CURRAN, Robert
(73)	1. 2.	
(30)	1. (US) 13/373,408 - 14-11-2011 2. (PCT/US2012/063207) - 02-11-2012 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) VEHICLE AND STRUCTURE SHIELD WITH IMPROVED HARD POINTS

Patent Period Started From 02/11/2012 and Will end on 01/11/2032

(57) A protection system includes a net made of flexible, low breaking strength intersecting lines connected at nodes. A frame supports the net and spaces the net from a vehicle and/or structure. Hard points are disposed at least at select net nodes and feature a multi-sided body with a cavity therein behind a front face thereof. The body includes a lip extending into the cavity. A protrusion extends outwardly from the front face. A tapered plug is received in the cavity and includes a ledge engaged by the lip locking the plug and a net node in the cavity and securing the hard point to the net node in a pivotable fashion.

Arab Republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology
Egyptian Patent Office



PCT

- (22) 16/10/2014
- (21) 1653/2014
- (44) May 2018
- (45) 24/09/2018
- (11) 28942

(51)	Int. Cl. ⁸	C07C 323/20, 317/22, 317/46, 323/62, 331/10 & A01N 41/10, 41/12, 43/08, 43/40, 43/54, 43/56, 43/653, 43/78 & A01P 7/02, 7/04
()		
(51)	Int. Cl. ⁸	C07C 323/20, 317/22, 317/46, 323/62, 331/10 & A01N 41/10, 41/12, 43/08, 43/40, 43/54,

- (71) 1. KUMIAI CHEMICAL INDUSTRY CO., LTD. (JAPAN)
 - 3
- (72) 1. BESSHO, Junichiro 2. WATANABE, Akira
 - 3. KAWAMOTO, Kei
 - 4. KOMATSU, Masaaki
 - 5. OGAWA, Yutaka

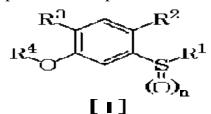
- 6. MATSUDA, Takeshi
- 7. TORIYABE, Keiji
- 8. DOMON, Kei
- 9. ITO, Seisuke

- (73)
- (30) 1. (JP) 2012-096356 20-04-2012
 - 2. (PCT/JP2013/002459) 11-04-2013
 - 3.
- (74) SAMAR AHMED EL LABBAD
- (12) Patent

(54) ALKYLPHENYLSULPHIDE DERIVATIVE AND PEST CONTROL AGENT

Patent Period Started From 11/04/2013 and Will end on 10/04/2033

(57) Problem] The present invention provides an alkylphenylsulphide derivative having excellent pest control effect or a salt thereof, a pest control agent containing the same as an active component and a production intermediate thereof. [Solution] An alkylphenylsulphide derivative represented by general formula [I]: [In the formula, R1 represents a C1-C6 haloalkyl group or the like, R2 represents a halogen atom, a C1-C6 alkyl group or the like, R3 represents a hydrogen atom, a halogen atom or the like, and R4 represents a C1-C12 alkyl group or the like.] or an agriculturally acceptable salt thereof, a pest control agent containing the same as an active component, and a production intermediate thereof.





PCT

- (22) 20/01/2015
- (21) 0093/2015
- (44) May 2018
- (45) 25/09/2018
- (11) 28943

(51)	Int. Cl. ⁸ G10L 19/008	
(71)	 FRAUNHOFER-GESELLSCHAFT ZU FORSCHUNG E.V (GERMANY) 	R FOERDERUNG DER ANGEWANDTEN
(72)	 KASTNER, Thorsten HERRE, Jürgen TERENTIV, Leon 	4. HELLMUTH, Oliver
(73)	1. 2.	
(30)	1. (US) 61/679.404 - 03-08-2012 2. (PCT/EP2013/066405) - 05-08-2012 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54)DECODER AND METHOD FOR A GENERALIZED SPATIAL-AUDIO-OBJECT-CODING PARAMETRIC CONCEPT FOR MULTICHANNEL DOWNMIX/UPMIX CASES

Patent Period Started From 05/08/2012 and Will end on 04/08/2032

A decoder for generating an audio output signal comprising one or more audio output channels from a downmix signal comprising one or more downmix channels is provided. The downmix signal encodes one or more audio object signals. The decoder comprises a threshold determiner for determining a threshold value depending on a signal energy and/or a noise energy of at least one of the of or more audio object signals and/or depending on a signal energy and/or a noise energy of at least one of the one or more downmix channels. Moreover, the decoder comprises a processing unit for generating the one or more audio output channels from the one or more downmix channels depending on the threshold value.



PCT

(22) 31/01/2016

(21) 0155/2016

(44) May 2018

(45) 24/09/2018

(11) 28944

(51)	Int. Cl. 8 G21F 9/36
(71)	1. JOINT STOCK COMPANY AKME (Russian)
, ,	2.
	3.
(72)	1. TOSHINSKY, Georgiy Ilich
	2.
	3.
(73)	1.
(-)	2.
(30)	1. (RU) 2013135672 - 31-07-2013
(0 0)	2. (PCT/RU2014/000169) - 19-03-2014
	3.
(74)	AMR IBRAHIM ABDALLAH SALEM
(12)	Patent

(54) METHOD FOR LONG-TERM STORAGE OF WASTE NUCLEAR FUEL

Patent Period Started From 19/03/2014 and Will end on 18/03/2034

(57) This invention is related to a method for the long-term storage of waste nuclear fuel of a nuclear reactor consists in that, first, prior to the waste fuel assembly of the nuclear reactor being disposed in a steel case and the latter being hermetically sealed with a cover, a material which is chemically inert in relation to the material of the casing of the fuel elements of the waste fuel assemblies, to the material of the body of the case, to air and to water, is arranged in the steel case, the steel case is mounted in a heating device, the steel case is heated along with the material arranged in said steel case until said material passes into a liquid state, and then the waste fuel assembly which has been extracted from the nuclear reactor is arranged in the steel case in such a way that the fuel part of the fuel elements of the waste fuel assemblies is lower than the level of the liquid material in the steel case, the waste fuel assembly is fixed in this position, and the case is hermetically sealed by the cover, whereupon the hermetically sealed steel case is extracted from the heating device and mounted in a storage facility which is cooled by atmospheric air. This technical solution makes it possible to ensure longterm safe storage of waste fuel assemblies of a nuclear reactor in storage facilities with cooling using atmospheric air, in particular with natural circulation of atmospheric air, and also to transport the waste fuel assemblies to a factory for processing so as to ensure an increased level of safety.



PCT

- (22) 14/11/2013
- (21) 1749/2013
- (44) May 2018
- (45) 30/09/2018
- (11) 28945

(51)	Int. Cl. 8 E21B 39/12, 19/16, 34/16
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. THOMAS, Anthony
, ,	2. BERRY, Kevin, J
	3.
(73)	1.
. ,	2.
(30)	1. (US) 13/173,541 - 30-06-2011
,	2. (PCT/US2012/042707) - 15-06-2012
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

APPARATUS TO REMOTELY ACTUATE VALVES AND (54)**METHOD THEREOF** Patent Period Started From 15/06/2012 and Will end on 14/06/2032

(57) A production string employable in a multi-zone completion system, the production string includes a passageway enabling passage of production fluids therethrough; a shifting tool including a shifting profile engageable with a production sleeve of the completion system to open a closed production sleeve, the shifting tool sharing the passageway of the production string; and, a remotely controlled hydraulic production valve which controls fluid flow between the passageway and the production sleeve. Also included is a production method useable in a borehole.



PCT

- (22) 14/03/2012
- (21) 0452/2012
- (44) May 2018
- (45) 30/09/2018
- (11) 28946

(51)	Int. Cl. 8 E21B 43/08
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. JOHNSON, Michael, H
	2. RICHARD, Bennett, M
	3.
(73)	1.
	2.
(30)	1. (US) 12/567,166 - 25-09-2009
()	2. (PCT/US2010/050226) - 24-09-2010
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) A SYSTEM AND APPARATUS FOR WELL SCREENING INCLUDING A FOAM LAYER Patent Period Started From 24/09/2010 and Will end on 23/09/2030

(57) An apparatus for screening earth formation components includes: a base pipe configured to allow the passage of formation fluid therethrough; and a foam layer disposed radially outwardly of the base pipe and configured to allow the passage of formation fluid therethrough and minimize the passage of formation solids therethrough, the foam layer including a plurality of hollow structures forming windows therebetween. A method of manufacturing an apparatus for screening earth formation components is also disclosed.



PCT

- (22) 04/06/2015
- (21) 0875/2015
- (44) April 2018
- (45) 30/09/2018
- (11) 28947

(51)	Int. Cl. ⁸ H04L 12/28 & H04M 11/06
(71)	1. AL AMRI , MOOSA,EISA (UNITED Arab EMERITS) 2. 3.
(72)	1. AL AMRI , MOOSA,EISA 2. 3.
(73)	1. 2.
(30)	1. (RE) P1243/2012 - 04-12-2012 2. (PCT/IB2013/056211) - 29-07-2013 3. (PCT/IB2013/060590) - 03-12-2013
(74)	NAHED WADIH RIZK
(12)	Patent

(54) SYSTEM FOR PROVIDING ACCESS TO THE INTERNET Patent Period Started From 03/12/2013 and Will end on 02/12/2033

(57) A system for providing access to the internet, comprises a network of routers hereinafter designated "new routers") wherein each new router has a CPU that has, or is associated with, a public area that allows simultaneous access to the new router's CPU by more than one user account. The system is so arranged that a pre-registered user with a user account identified by an identifier, typically a user name and/or password, can access the internet from any new router in the network by connecting to the public area of the new router's CPU and entering the account identifier of the pre-registered user account.



PCT

(22) 16/08/2015

(21) 1268/2015

(44) June 2018

(45) 30/09/2018

(11) | 28948

(51)	Int. Cl. 8 D05B 23/00 & D04B 15/92
(71)	1. LONATI S P.A. (ITALY)
, ,	2.
	3.
(72)	1. LONATI, Ettore
	2. LONATI, Tiberio
	3. LONATI, Fausto
(73)	1.
()	2.
(30)	1. (IT) MI2013A000296 - 28-02-2013
(0 0)	2. (PCT/EP2014/053720) - 26-02-2014
	3.
(74)	MAGDA HAROUN
(12)	Patent

(54) METHOD FOR PERFORMING THE AUTOMATED CLOSURE OF AN AXIAL END OF A TUBULAR MANUFACTURE AND FOR UNLOADING IT INSIDE OUT AND APPARATUS FOR PERFORMING THE METHOD

Patent Period Started From 26/02/2014 and Will end on 25/02/2034

(57) A method for performing the automated closure of an axial end of a tubular manufacture and for unloading it inside out, and an apparatus for performing the method, the method comprising a step of positioning the manufacture right way out at a sewing or linking station, arranged so that its axis is substantially vertical and so that it hangs, by means of a first axial end to be closed by sewing or linking, from an annular handling device; in this condition, the manufacture is extended below the handling device; then a step of turning the manufacture inside out is performed in which the manufacture, retained by the handling device, is passed through the handling device; this passage arranges the manufacture inside out above the handling device; a step of closing the first axial end of the manufacture by sewing or linking is then performed; then a step of disengaging the manufacture from the handling device is performed and then a step of moving the manufacture away is performed by means of suction through the upper axial end of a lower spacing tube that faces, with its upper axial end, below the handling devic.

Arab Republic of Egypt

Ministry of State for Scientific Research Academy of Scientific Research & Technology



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN OCTOBER 2018"

Egyptian Patent Office

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(PATENT No. 29004)	(56)

(PATENT No. 29005)	(57)
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(PATENT No. 29021)	(74)
(PATENT No. 29022)	(75)
(PATENT No. 29023)	(76)

Preface

We are on the verge of a new era which is founded on the basis of technological development and hence, we have to follow it in all fields of national development. Technology has become the basis for the increase in national income and production and hence, scientific research has become our real hope as a way for advancement and as a necessity for life.

Emerging from the responsibility of the Academy of Scientific Research and Technology towards strengthening the pillars of science and technology, I have the pleasure to introduce the Granted Patent's Abstracts of the Publication of Patents monthly, Which includes bibliographical data. This periodical is directed to all those interested in the vital field of Intellectual property which encompasses patents, innovations and creative works.

I hope that this publication meets its targeted objective, namely increasing the welfare, prosperity and advancement for our beloved country, Egypt.

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

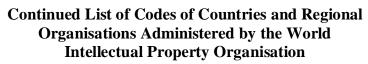
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Patent Kind	12
Application Number	21
Filing Date	22
Priority Number	
Priority Date	30
Priority Country	
Issuance Date	45
International Patent Classification	51
Title	54
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Applicant Name	71
Inventor Name	72
Patentee Name	73
Patent Attorney Name	74



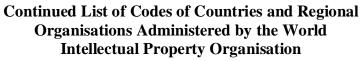
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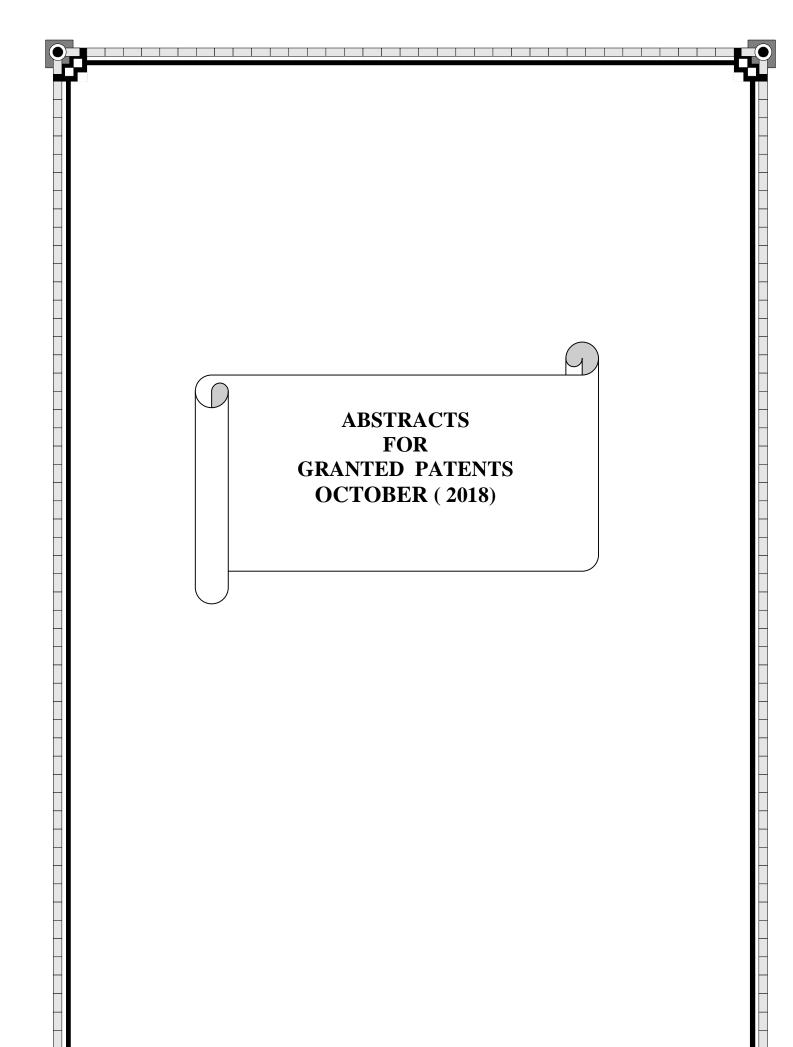
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UG	Uganda
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UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

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VN	Viet Nam
YD	Yemen
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe





PCT

- (22) 26/01/2016
- (21) 0132/2016
- (44) May 2018
- (45) 1/10/2018
- (11) 28949

(51)	Int. Cl. 8 C03B 5/235 & F23C 3/00 & F27B 3/20 F23D 14/00	
(71)	1. KNAUF INSULATION (Belgium) 2.	
	3.	
(72)	1. DEMOTT, Jerry	4. DUCARME, David
	2. MAROLT, Bostjan	
	3. ETZKORN, Randy	
(73)	1.	
(,)	2.	
(30)	1. (GB) 1313651.0 - 31-07-2013	
(00)	2. (PCT/EP2014/066444) - 30-07-2014	
	3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) METHOD AND APPARATUS FOR MELTING SOLID RAW BATCH MATERIAL USING SUBMERGED COMBUSTION BURNERS Patent Period Started From 30/07/2014 and Will end on 29/07/2034

(57) The present invention relates to a process for melting solid batch material, comprising the steps of introducing solid batch material into a melter, and melting the solid batch material in the melter by submerged combustion and subjecting the melt to a flow pattern which when simulated on a computer by making use of common fluid dynamic equations shows a substantially toroidal melt flow pattern in the melt, comprising a major centrally inwardly convergent flow at the melt surface, the central axis of revolution of the toroid being substantially vertical. The invention further relates to a melter assembly for carrying out the process. The toroidal melt flow pattern is achieved by suitable arrangement, angle and spacing of multiple submerged combustion burners in the floor of the melter.



PCT

- (22) 15/02/2016
- (21) 0230/2016
- (44) May 2018
- (45) 01/10/2018
- (11) 28950

(51)	Int. Cl. 8 A01G 31/00	
(71)	1. MEBIOL INC (JAPAN) 2. 3.	
(72)	 YOSHIOKA, Hiroshi MORI, Yuichi OKAMOTO, Akihiro 	4. MIURA, Shigeki 5. MIZUTANI, Tomoyoshi
(73)	1. 2.	
(30)	1. (JP) 2013-169317 - 19-08-2013 2. (PCT/JP2014/071141) - 11-08-2014 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) PLANT CULTIVATION SYSTEM AND PLANT CULTIVATION METHOD

Patent Period Started From 11/08/2014 and Will end on 10/08/2034

(57) Problem] To solve a problem that, when the bottom surface of a polyvinyl alcohol (PVA)-based film is brought into contact with a nourishing solution and a plant is cultivated on the film over a long period of time, the plant's roots penetrate through the film. [Solution] A system for plant cultivation and a plant cultivation method, characterized in that the PVA-based film has an equilibrium swelling degree in water (at 30°C) of 125-250% inclusive and a loss tangent (tan δ) in an equilibrium swelling state in water (at 30°C) of 0.005-0.2 inclusive. [Industrial applicability] The system and method according to the present invention, which enable plant cultivation over a long period of time while protecting the plant from infection with microorganisms etc. inducing plant diseases, can be used in the fields of agriculture and pharmaceutical industry.

Egyptian Patent Office

Patent

(12)



PCT

- (22) 28/08/2014
- (21) | 1374/2014
- (44) May 2018
- (45) 01/10/2018
- (11) 28951

(51)	Int. Cl. 8 A01N 43/40, 51/00, 43/42, 43/56, 43/80, 47/02, 43/76, 43/22, 47/40, 43/707, 43/82, 37/50 & C07D 401/06, 213/46	
(71)	1. MEIJI SEIKA PHARMA CO., LTD. (JAPAN) 2. 3.	
(72)	 ONOZAKI, Yasumichi MATSUMURA, Makoto MITOMI, Masaaki 	4. NAKAMURA, Satoshi5. NOMURA, Masahiro\6. HORIKOSHI, Ryo
(73)	1. 2.	
(30)	1. (JP) 2012-044514 - 29-02-2012 2. (PCT/JP2013/056051) - 27-02-2013 3.	
(74)	SAMAR AHMED EL LABBAD	

(54) PEST CONTROL COMPOSITION INCLUDING NOVEL IMINOPYRIDINE DERIVATIVE

Patent Period Started From 27/02/2013 and Will end on 26/02/2033

(57) Provided is a pest control composition containing a novel iminopyridine derivative and other pest control agents. Provided is a pest control composition containing an iminopyridine derivative represented by the following Formula (I) and at least one of other pest control agents: [Chemical Formula 1] [in the formula, Ar represents a 5- to 6-membered heterocycle which may be substituted, A represents a heterocycle having a 5- to 10-membered unsaturated bond including one or more nitrogen atoms, and has an imino group substituted with an R group at a position adjacent to the nitrogen atom present on the cycle, Y represents hydrogen, halogen and the like, and R represents any one of groups represented by the following Formulae (a) to (e), (y) or (z)]. [Chemical Formula 2]



PCT

- (22) 10/11/2013
- (21) 1706/2013
- (44) June 2018
- (45) 03/10/2018
- (11) 28952

(51)	Int. Cl. 8 G06Q 20/08, 20/32 & G06K 9/18
(71)	1. ITWARU, Mark (Canada) 2. 3.
(72)	1. ITWARU, Mark 2. 3.
(73)	1. 2.
(30)	1. (US) 13/105,803 - 11-05-2011 2. (KE) 2,741.240 - 27-05-2011 3. (US) 13/397,215 - 15-02-2012 4. (US) 13/397,297 - 15-02-2012 5. (PCT/CA2012/000223) - 12-03-2012
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) MOBILE IMAGE PAYMENT SYSTEM Patent Period Started From 12/03/2012 and Will end on 11/03/2032

(57) Mobile Image Payment System for mobile commerce, which enables a Consumer to use a mobile device to make payments for online, Electronic Media, Print Media and POS Transactions, involving the presentment of an optical machine readable image. In an embodiment, the Consumer scans the encoded, mobile device scannable image that is displayed by a merchant, to initiate a transaction. The system completes the transaction by processing information between a Mobile Payment Client residing on the Consumer's mobile device, a Mobile Payment Interface residing on a Transaction Server, and, in a further embodiment, a Mobile Payment Application residing on a merchant's device or POS terminal. The Consumer's mobile device communicates with a Payment Platform, which communicates with a Merchant Transaction Server in order to process and complete the mobile transaction. The scannable image of the merchant can be displayed on any product or advertising medium.



PCT

- (22) 11/01/2016
- (21) 0046/2016
- (44) June 2018
- (45) 03/10/2018
- (11) 28953

(51)	Int. Cl. 8 B22D 41/08
(71)	1. REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG (AUSTRIA) 2. 3.
(72)	 KOHLER, Sarah MARANITSCH, Alexander SPIESS, Bernhard
(73)	1. 2.
(30)	1. (EP) 13183674.4 - 10-09-2013 2. (PCT/EP2014/063565) - 26-06-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent



PCT

- (22) 18/06/2015
- (21) 1022/2015
- (44) June 2018
- (45) 03/10/2018
- (11) 28954

(51)	Int. Cl. ⁸ B42D 15/10
(71)	1. MORPHO B.V (Netherland)
` /	2.
	3.
(72)	1. VAN DEN BERG
, ,	2.
	3.
(73)	1.
(-)	2.
(30)	1. (HL) 2010045 - 21-12-2012
(0 0)	2. (PCT/NL2013/050872) - 04-12-2013
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) IDENTITY DOCUMENT COMPRISING A GHOST IMAGE BASED ON A TWO-DIMENSIONAL IMAGE Patent Period Started From 04/12/2013 and Will end on 03/12/2033

(57) An identity document includes in a single plane a two-dimensional image and under optical means a ghost image for verifying the authenticity of the two-dimensional image. The ghost image is a stereo image and the stereo image is based on the two-dimensional image. The stereo image includes at least two images of the person on the identity card wherein at least one of the two images is a calculated image. The stereo image may further include a floating image, the floating image being arranged to be perceived to float over the ghost image.



PCT

- (22) 24/02/2016
- (21) 0290/2016
- (44) June 2018
- (45) 03/10/2018
- (11) 28955

(51)	Int. Cl. 8 C02F 9/00 & E04H 4/00 & C02F 1/44, 1/52, 1/72, 1/00, 103/02, 103/00, 103/42
(71)	1. CRYSTAL LAGOONS (CURACAO) B.V (Netherland) 2. 3.
(72)	 FISCHMANN, Fernando, Benjamin 3.
(73)	1. 2.
(30)	1. (US) 61/900,308 - 05-11-2013 2. (US) 14/531,395 - 03-11-2014 3. (PCT/IB2014/002991) - 04-11-2014
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FLOATING LAKE AND METHODS OF TREATING WATER WITHIN THE FLOATING LAKE

Patent Period Started From 04/11/2014 and Will end on 03/11/2034

(57) The present invention relates to floating lakes and to the treatment of the water in such lakes. The present invention further relates to large floating lakes that can be installed within a natural or artificial water body to improve water conditions that are unsuitable for recreational uses. The floating lake can be provided with a chemical application system; a filtration system including a mobile suctioning device and filters; a skimmer system, and optionally a coordination system.



PCT

- (22) 15/02/2016
- (21) 0231/2016
- (44) July 2018
- (45) 03/10/2018
- (11) 28956

(51)	Int. Cl. 8 B01D 3/00
(71)	1. UOP LLC (UNITED STATES OF AMERICA)
	2. 3.
(72)	1. KING, Stephen T
	2. KOZUP, Steven
	3. ZHU, Xin X
(73)	1.
	2.
(30)	1. (US) 61/869,462 - 23-08-2013
. /	2. (US) 14/041,645 - 30-09-2013
	3. (PCT/US2014/050813) - 13-08-2014
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FRACTIONATION SYSTEM HAVING RECTIFYING AND STRIPPING COLUMNS IN A SINGLE VESSEL WITH A UNIFORM DIAMETER Patent Period Started From 13/08/2014 and Will end on 12/08/2034

(57) Fractionation systems utilizing a single rectifying column with a stripping column housed in the same vessel and having a uniform diameter are described. The fractionation system includes a rectifying column and a stripping column. The rectifying column and the stripping column are in a single vessel having a uniform diameter, and the rectifying column is positioned above the stripping column. Methods of separating feed streams using the fractionation systems are also described.



PCT

- (22) 16/12/2008
- (21) 2015/2008
- (44) June 2018
- (45) 03/10/2018
- (11) 28957

(51)	Int. Cl. 8 C07D 295/08 & A61K 31/495 & A61P 25/24, 25/28, 25/18, 25/22, 25/32, 25/34, 25/36		
(71)	1. H. LUNDBECK A/S (DENMAR) 2. 3.	K)	
(72)	1. BANG-ANDERSEN, Benny 2. FALDT, Andre 3. MORK, Arne 4. LOPEZ DE DIEGO, Heidi 8		9. BRODERSEN, Jorgen 10. JORGENSEN, Morten 11. MOORE, Nicholas 12. RINGGAARD, Lone, Munch
(73)	1. 2.		
(30)	1. (DK) PA 2006 00824 - 16-06-200 2. (US) 60/805,014 - 16-06-2006 3. (DK) PA 2006 01223 - 22-09-2006 4. (US)/826,666 60 - 22-09-2006 5. (DK) PA 2006 01384 - 25-10-2006 6. (US) 60/862,826 - 25-10-2006 7. (DK) PA 2007 00427 - 20-03-200 8. (PCT/DK2007/050075) - 15-06-2	6 6 7	
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

1- [2- (2, 4-DIMETHYLPHENYLSULFANYL) -PHENYL] PIPERAZINE AS A COMPOUND WITH COMBINED SEROTONIN REUPTAKE, 5-HT3 AND 5

Patent Period Started From 15/06/2007 and Will end on 14/06/2027

(57) 1-[2-(2,4-dimethylphenylsulphanyl)phenyl]piperazine exhibits potent activity on SERT, 5-HT3 and 5-HT1A and may as such be useful for the treatment of cognitive impairment, especially in depressed patients.



PCT

- (22) 03/04/2016
- (21) 0567/2016
- (44) July 2018
- (45) 03/10/2018
- (11) 28958

(51)	Int. Cl. 8 H05K 7/14
(71)	1. ECM S.P.A (ITALY) 2. 3.
(72)	 SANTI, Alessandro 3.
(73)	1. 2.
(30)	1. (IT)RM2013A000543 - 04-10-2013 2. (PCT/IT2014/000260) - 03-10-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CONTROL PERIPHERAL POST OF RAILWAY FIELD DEVICES PROVIDED WITH MEANS TO FACILITATE THE EXTRACTION OF THE CONTROL MODULES

Patent Period Started From 03/10/2014 and Will end on 02/10/2034

(57) There is described a control peripheral post of railway field devices, comprising: - at least one row of control modules comprising a plurality of control modules operatively connected or connectable by electric cables to field devices; - a support frame having a front side and housing said row of control modules; characterised in that said support frame comprises at least one anti-extraction bar positioned on the front side of the support frame, said bar being adapted to selectively take an extraction configuration, wherein said bar is positioned in such a way as to permit the extraction of the control modules of said row from the front side of the support frame, and a blocking configuration, wherein said bar is positioned in front of said row of control modules so as to prevent the extraction of the control modules of said row from the front side of the support frame. The anti-extraction bar being mounted pivotally hinged so as to be able to rotate about a fixed and predetermined axis of rotation.



PCT

- (22) |14/05/2015
- (21) 0755/2015
- (44) June 2018
- (45) 03/10/2018
- (11) 28959

(51)	Int. Cl. 8 H04W 8/18, 8/20	
(71)	1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA) 2. 3.	
(72)	1. GANESH, Shriram 2. ZHU, Xiaomin 3. RUVALCABA, Jose Alfredo	4. BERIONNE, Michele
(73)	1. 2.	
(30)	1. (US) 61/728,204 - 19-11-2012 2. (US) 13/791,688 - 08-03-2013 3. (PCT/US2013/069989) - 14-11-2013	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) SYSTEMS, APPARATUS, AND METHODS FOR MANAGING INFORMATION IN A SMART STORAGE DEVICE Patent Period Started From 14/11/2013 and Will end on 13/11/2033

(57) This disclosure provides systems, methods, and apparatus for refreshing information stored on a smart storage device. In one aspect a smart storage device is provided that is configured to be coupled to a wireless communications apparatus operating in a wireless communications network. The smart storage device includes a memory configured to store network access information for accessing services of the network. The smart storage device further includes a controller configured to send a message to the wireless communications apparatus including data notifying the wireless communications apparatus of an update to the network access information. The data further includes a command that the wireless communications apparatus suspend an active operation of the wireless communications apparatus and initiate updating information managed by the wireless communications apparatus based on one or more conditions. The updating of the information is based on at least a portion of the updated network access information.



PCT

- (22) 13/07/2015
- (21) 1129/2015
- (44) June 2018
- (45) 03/10/2018
- (11) 28960

(51)	Int. Cl. 8 B01D 61/36, 69/06, 69/08, 69/12, 69/14
(71)	1. MEMBRANE DISTILLATION DESALINATION LTD. CO (JORDAN) 2. 3.
(72)	 QTAISHAT, Mohammed Rasool ALMUTTIRI, Saad .
(73)	1. 2.
(30)	1. (US) 61/753,751 - 17-01-2013 2. (PCT/IB2014/058356) - 17-01-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A METHOD OF MANUFACTURING MULTI-LAYER POLYMERIC AND MIXED MATRIX MEMBRANES Patent Period Started From 17/01/2014 and Will end on 16/01/2034

(57) Provided is a method of manufacturing a multilayer mixed matrix membrane which includes providing a support layer, casting, a hydrophilic layer on a surface of the support layer, casting a hydrophobic layer on the hydrophilic layer, and allowing the layers to form a multilayer mixed matrix membrane. Also provided is a method of manufacturing a hollow fiber composite matrix membrane, which includes providing a first solution having a hydrophilic polymer, providing a second solution having a hydrophobic polymer, and extruding the first and second solutions to form a multilayer hollow fiber composite matrix membrane. Additionally, a plate~and-frame membrane module for direct contact membrane distillation using a multilayer mixed matrix membrane is provided. The plate-and-frame membrane module includes a feed inlet capable of distributing process solution throughout the membrane module, a permeate inlet capable of distributing process solution throughout the membrane module, a tortuous promoter comprising multiple flow channels, a feed outlet, and a permeate outlet.



PCT

- (22) 29/03/2016
- (21) 0549/2016
- (44) July 2018
- (45) 08/10/2018
- (11) 28961

(51)	Int. Cl. 8 B08B 11/00, 3/02
(71)	1. ABD EL GHANEY ANWAR ABD EL GHANEY MOHAMED (EGYPT) 2.
	3.
(72)	1. ABD EL GHANEY ANWAR ABD EL GHANEY MOHAMED
, ,	2.
	3.
(73)	1.
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(30)	1.
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	3.
(74)	
(12)	Patent

(54) AUTOMATIC CARPET WASHER MACHINE Patent Period Started From 29/03/2016 and Will end on 28/03/2036

(57) The present invention relates to a carpet washer machine for washing carpets, blankets, fiber quilts. Moreover, said invention is provided with automatic wash, rinse & spin system via pressing rolling which moves carpets upwards and downwards with the presence of brushes, soap & water to complete the washing process. Moreover, said rolls press on the carpet to get the dirt out of the carpet. Added to this, said rolls operates in the rinse and spin process, besides, there are water inlets found on the top of said rolls, which provide said rolls with required water and soap for cleaning process. Furthermore, said water inlets work also in rinsing process with clean water. Besides, said invention is provided with timer to determine washing, rinsing and spinning time.



PCT

- (22) 26/05/2009
- (21) 0769/2009
- (44) July 2018
- (45) |09/10/2018
- (11) 28962

(51)	Int. Cl. 8 E24B 43/00 & F04B 47/02
(71)	1. HUSSEIN ALI MOHAMED ABD-ALLAH BORAIS (EGYPT)
	2. 3.
(72)	1. HUSSEIN ALI MOHAMED ABD-ALLAH BORAIS 2.
	3.
(73)	1. 2.
(30)	1.
(00)	2.
(74)	3. SOHEIR M. REZEK
(12)	Patent

(54) A DYNAMIC SURGE DISK AND ITS USE IN ACCOMMODATION OF PETROLEUM WELLS FOR THE PRODUCTION PROCESSES Patent Period Started From 26/05/2009 and Will end on 25/05/2029

(57) The present invention is relates to a Dynamic Surge Disk and its use to set packer and test tubing then break glass either over balance or under balance pressure to open the well instead of the wire line plug in the production phase, to provide the safety method, full efficiency and reducing the expensive production cost of finishing the process of the fragment of the well plug.



PCT

- (22) 18/07/2010
- (21) 1207/2010
- (44) July 2018
- (45) 09/10/2018
- (11) 28963

(51)	Int. Cl. 8 A61K 31/136, 31/17, 31/505, 9/00 & A61P 17/06
(71)	1. MOHAMED RASHAD AMEEN ELSENGABY (EGYPT) 2. 3.
(72)	 MOHAMED RASHAD AMEEN ELSENGABY 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	CREAM SHERIASIS
	Patent Period Started From 18/07/2010 and Will end on 17/07/2030
(57)	Topical cream for the treatment of psoriasis contains:
	Methotrexate 50 mg
	Dapsone 1 gram
	Urea 10 grams
	Cream to 100 grams



PCT

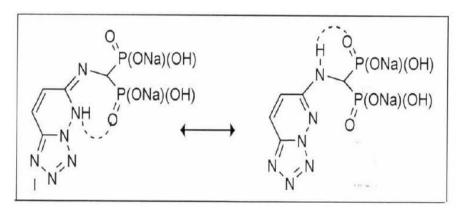
- (22) 27/12/2010
- (21) 2200/2010
- (44) July 2018
- (45) 09/10/2018
- (11) 28964

(51)	Int. Cl. 8 A61K 31/50 & C07F 9/38 & C07D 403/00 & A61P 19/10
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	1. WAFAA MAHMOUD ABDOU 2. NEVEN AHMED FOAD GANOUB 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	Focal point - NATIONAL RESEARCH CENTER
(12)	Patent

(54) ELABORATING 1,1-BISPHOSPHONIC ACID DERIVATIVE FOR OSTEOPOROSIS, ARTHRITIS AND INFLAMMATION TREATMENT

Patent Period Started From 27/12/2010 and Will end on 26/12/2030

(57) The present invention refers to developing new compounds derived from bisphosphonic acid derivatives bearing tetrazolopyrimidine nucleus as antiinfiammatoricy joint disease, antichronic inflammation, and antiosteoporotic agents. Methods of preparations were described.





PCT

- (22) 02/08/2011
- (21) 1300/2011
- (44) July 2018
- (45) 09/10/2018
- (11) 28965

(51)	Int. Cl. 8 A62C 3/02, & B60N 2/24
(71)	1. HATEM MOHAMED SADEK (EGYPT)
	2. EGYPTIAN FOR INDUSTRY
	3.
(72)	1. HATEM MOHAMED SADEK
	2. EGYPTIAN FOR INDUSTRY
	3.
(73)	1.
(-)	2.
(30)	1.
()	2.
	3.
(74)	MONA BAKIR
(12)	Patent

(54) FIRE FIGHTING SYSTEM FOR TRAIN BY USING LOW PRESSURE WATER MIST (HS) Patent Period Started From 02/08/2011 and Will end on 01/08/2031

(57) Low press, Water mist system for train has 16 parts. It is easy for maintenance and multiple uses for many times of operations. It contains the main pump, water tank, valves, strainers, control panel, smoke detectors, pipes, nozzles, wiring network for alarm systems and control, alarm bells, and flexible connections. It is suitable for this type of hazard protection and has long time for fire.



PCT

- (22) 27/01/2011
- (21) 0170/2011
- (44) July 2018
- (45) 09/10/2018
- (11) 28966

(51)	Int. Cl. 8 B05B 1/02
(71)	1. ENGINEERING INDUSTRY, AN EGYPTIAN COMPANY (EGYPT)
	2.
	3.
(72)	1. HATEM MOHAMED SADEK ABDEL-HAFEZ
	2.
	3.
(73)	1.
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(30)	1.
(0 0)	2.
	3.
(74)	MONA BEKEER
(12)	Patent

(54) LOW PRESSURE WATER MIST NOZZLE (HS 10) Patent Period Started From 27/01/2011 and Will end on 26/01/2031

(57) Low press. Water mist nozzle has 6 parts. It is easy for maintenance and multiple uses for many times of operations. It contains the main body, niddle, break glass and B G holder. it is suitable for hazards type Light and Ordinary Hazard Group. These types of hazards include Hospitals, residential buildings, restaurants, clubs, tunnels, hotels, trains, transformers, generators, etc.



PCT

- (22) 27/02/2011
- (21) 0323/2011
- (44) July 2018
- (45) 09/10/2018
- (11) 28967

(51)	Int. Cl. 8 C08G 118/00 & A61K 31/5517
(71)	1. HEBAA ELRAHMAN AHMED HAFEEZ (EGYPT) 2.
	3.
(72)	1. HEBAA ELRAHMAN AHMED HAFEEZ
	2. 3.
(73)	1.
(20)	2. 1.
(30)	2.
	3.
(74)	
(12)	Patent

(54) MACHINE & METHOD FOR COMPOSITE MATERIAL MANUFACTURING BY DRY MIXING AND UV LASER SINTERING Patent Period Started From 27/02/2011 and Will end on 06/02/2031

(57) This invention related to machine and method for manufacturing composite materials with randomly distributed filler by dry mix and laser sintering, the machine consists of three overlapping internal parts, first inside part has cavity with holes to allow entrance of uv laser beam, it moves around their axis by arm to allow all holes to exposed to uv laser irradiation, the middle part is solid, movable along the internal part and have automatic shutter in front of the laser beam entrance holes, the outer part is thick, it has vacuum pump to prevent material from excit. Sintering of composite material is done under vacuum to prevent oxidation, the machine has holder moving in several vertical levels to achieve homogeneous exposure for all sintered composite to the laser beam materials after milling and dry mixing the components. The method depends on dry mix of the mixture consists of melted and natural bazalt with treated graphite and carbon compounds in manufacturing material.



PCT

- (22) 05/09/2013
- (21) | 1400/2013
- (44) July 2018
- (45) 09/10/2018
- (11) 28968

(51)	Int. Cl. ⁸ G06Q 20/12
(01)	•
(71)	1. SHERIF ELSAYED SAYED AHMED KISHK (EGYPT)
(/1)	2. MAGDY MOHAMED SHAARAWY
	3. ASHRAF KAMAL SALEM MASHHOUR
(72)	1. SHERIF ELSAYED SAYED AHMED KISHK
()	2. MAGDY MOHAMED SHAARAWY
	3. ASHRAF KAMAL SALEM MASHHOUR
(72)	1.
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(74)	Ashraf kamal salem mashhoor
(/-)	
(12)	Patent

(54) An Integrated System for securing and facilitating the use of remote e-Services and e-Payments

Patent Period Started From 05/09/2013 and Will end on 04/09/2033

- (57) The invention is related to a System that secures, improves & facilitates the use of remote e-Services & e-Payment, where said System includes the following:
 - 1. Integrated scheme of e-Services includes systems, applications, mechanisms & tools that integrates & coordinates between various entities involved in providing e-Services (e-Signature Services Providers, Telecom Companies, Banks, Financial Institutions, etc) & prevents overlapping of these entities' functions & responsibilities related to issuance of secured smart cards, allowing each entity of maintaining confidentiality of data & Algorithms used in its own applications.
 - 2. Cards Reader Device that secures transactions of e-Services & e-Payment via e-Signature mechanisms, by linking & integrating the usage of Secured Smart Cards issued by different entities involved in providing the e-Services, where said Card Reader Device allows the use of secured MicroSD as well as secured Contactless Smart Cards in integration with various fixed or mobile phone devices that communicate with e-Services Systems & Applications through either cellular or landline networks; and in addition, allows the possibility of linking the usage of these Secured Smart Cards with ATM and POS services by using the Contactless Smart Cards with Dual Interface.



PCT

- (22) 26/11/2013
- (21) 1813/2013
- (44) July 2018
- (45) 09/10/2018
- (11) 28969

(51)	Int. Cl. 8 F03G 3/06 & B60K 25/08
(71)	1. AMR MOHAMED MAHFOZ AHMED NADA (EGYPT)
()	2. 3.
(72)	1. AMR MOHAMED MAHFOZ AHMED NADA
	2. 3.
(73)	1.
(30)	2. 1.
(= =)	2. 3.
(74)	
(12)	Patent

(54) DEVICE GENERATING ELECTRICITY FROM THE MOVEMENT OF THE CARS USING Patent Period Started From 26/11/2013 and Will end on 25/11/2033

Device relies on gravity to generate electricity from the movement of vehicles so that because he is hastily car manufacturing certain specifications to allow investment vehicle weight to generate electricity during the movement of the car according to the law of the reaction to newton, we find that the earth is pressing to hurry the car by weight of the car and to take advantage of this wheel are made to be part of the calf and the internal growths wheel cones made of metal introduction cones mounted in the wheel rim and strapped in a moving turbine oil pressure turbine and the transfer of movement for dynamo electricity is generated the base cone is a piece of rubber, covering the base and book inside hydraulic oil, as a result of the movement of the car compressed part of the car in an area called tread based on this compressed cone base also and rushes oil from madder cone runs the turbine and a turbine connected to the shaft transmits traffic to dynamo installed in the chassis of the vehicle and the process continues to generate electricity as long as the car is moving device helps to get to the self-charging the car, or at least provide the fuel and fit for application on electric cars the device generates electricity quantity vary depending on the speed and weight of the car as well as the ability of the dynamo coefficient converting the movement of the turbine gear dynamo means each roll of turbo given how much roll file dynamo.



PCT

- (22) 22/06/2014
- (21) 1030/2014
- (44) July 2018
- (45) |09/10/2018
- (11) | 28970

(51)	Int. Cl. 8 H02G 1/04, H05K 7/02
(71)	1. REMON RAFAT LOUIS GABRA (EGYPT)
	2. 3.
(72)	1. REMON RAFAT LOUIS GABRA
	2. 3.
(73)	1.
(20)	2. 1.
(30)	2.
	3.
(74)	
(12)	Patent

(54)	Tool to fix some cables in portable computer sockets
	Patent Period Started From 22/06/2014 and Will end on 21/06/2034

This invention connects to the sockets of any portable computer (laptop), it consists of variety of sockets which can be used for chargers socket, usb socket, earphone socket, microphone socket, these sockets expand in circumference with constant use and dysfunction, even if the outer source functions properly . as for the internet socket ,when the plastic piece connected to the internet cable breaks the grip loosens within the socket and the cable moves freely and becomes disconnected the internet .so this invention allows complete control and fixation of This invention connects to the sockets of any portable computer (laptop), it consists of variety of sockets which can be used for chargers socket, usb socket, earphone socket, microphone socket, these sockets expand in circumference with constant use and dysfunction, even if the outer source functions properly as for the internet socket, when the plastic piece connected to the internet cable breaks the grip loosens within the socket and the cable moves freely and becomes disconnected the internet .so this invention allows complete control and fixation of the cable in the previous sockets.



PCT

- (22) 29/10/2014
- (21) 1723/2014
- (44) June 2018
- (45) 09/10/2018
- (11) 28971

(51)	Int. Cl. ⁸ F02B 33/44
(71)	1. SAEED EBRAHIM HASSAN AHMED (EGYPT)
	2.
	3.
(72)	1. SAEED EBRAHIM HASSAN AHMED
	2.
	3.
(73)	1.
. ,	2.
(30)	1.
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	3.
(74)	Focal point - ALEXANDRIA UNIVERSITY FOCAL POINT
(12)	Patent

(54) A LUBRICATION CYCLE FOR THE INTERNAL COMBUSTION ENGINE TURBOCHARGER

Patent Period Started From 29/10/2014 and Will end on 28/10/2034

(57) The invention relates to the lubrication cycle of the turbochargers in internal combustion engines that are completely separate from the engine oil cycle. the lubrication cycle covered by the invention protects the engine from the damage caused by some of the failures of the unit of overload "turbo".



PCT

- (22) 15/04/2014
- (21) 0603/2014
- (44) June 2018
- (45) |09/10/2018
- (11) 28972

Int. Cl. ⁸ E04C 2/06
1. GALAL SAID AHMED SHERRAH (EGYPT)
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1. GALAL SAID AHMED SHERRAH
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Patent
2 3 1 2 3 1 2 3

(54) A method for the production of walls, ceilings and safety road blocks Etc , from cement ,pre - fabricated and its main contents are rice straw , agricultural wastes re -cycled plastic.

Patent Period Started From 15/04/2014 and Will end on 14/04/2034

- (57) A method for the production of walls, ceilings and safety road blocks ... Etc, from
 - cement, pre fabricated and its main contents are rice straw, agricultural wastes re -cycled plastic by pressing rice straw and agricultural wastes or both at the same time inside a net cage from recycled plastic, then pressing a mixture of cement and sand and limestone grains with special percentage on all faces & edges of the cage, then the product is dried in hot aired rooms or saturated steam.
 - *The plastic net cages are manufactured from according to the shape & size of the required product however less by 2 Cm from each face & edge.
 - * All pressing operations are performed inside steal moulds prepared for that purpose and pressing machines with pressing force according to each product.
 - *The products of our patent subject are distinguished it high quality & durability, light weight, eligible for ceilings after supporting it by rectangular steel pipes , earthquakes resistant for its flexibility, temperature & sound isolation & resisting water prevention
 - * A production line is designed for the patent's subject mentioned in the detailed description



PCT

- (22) 25/06/2015
- (21) 1058/2015
- (44) June 2018
- (45) 09/10/2018
- (11) 28973

(51)	Int. Cl. 8 B82B 3/00 & C02F 1/28, 103/04, 101/32 & H01R 9/15
(71)	1. EGYPTIAN PETROLEUM RESEARCH INSTITUTE (EPRI) (EGYPT) 2. 3.
(72)	 MAHMOUD FATHY MUBARAK MOHAMMAD THANAA ABDEL MOGHNY MOHAMED HAMMAD 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) PREPARATION OF HIGH-PURITY CARBON NANONEEDLES FROM DI AND OLIGOSACCHARIDES

Patent Period Started From 25/06/2015 and Will end on 24/06/2035

(57) The present invention is related to the preparation of high-purity carbon nanoneedles from di and oligosaccharides. This is done by adding concentrated sulfuric acid on the di and oligosaccharides by spraying methods in the presence of the catalytic agent loaded on the silica gel. Where the spraying time not exceed than five minutes at a temperature at 40 ° c for 30 minutes. Then we obtain on the carbon nanoneedles with a surface area of 168 m2 /g, which making it able to purify and treat contaminated water and can be used in water filters. The carbon nanoneedles also have an amorphous carbon structure and an internal crystalline nature with small needles size ranging from 20 to 50 nanometers, also, on the surface of the needles, there are carboxylic groups which increase the electrical conductivity of the needles. Thereby, can be used in electrical wires as connectors and in transistors in computers or electrical appliances.



PCT

- (22) 22/02/2016
- (21) 0272/2016
- (44) July 2018
- (45) 09/10/2018
- (11) 28974

(51)	Int. Cl. 8 G02F 1/122257
(71)	1. WALID MOHAMED MOHAMED SAYED (EGYPT) 2. 3.
(72)	1. WALID MOHAMED MOHAMED SAYED 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	PRINTERS SMART HEATER
	Patent Period Started From 22/02/2016 and Will end on 21/02/2036

(57) The invention is a smart heater used in laser printers instead of traditional heaters. the main idea is dividing the main heater into a set of polygon shape sub-heaters, an automatic control will be used to control sub-heaters operation individually (on/ off or temperature control) dependent on the printed areas on the page. the main benefit of using smart heater is decreasing wasted energy in the white areas of the page, which means increasing energy efficiency (mathematically proved) . we can modified the invention to heat air to generate indirect heat (no touch with paper surface), to be worked in inkjet technology .



PCT

- (22) 26/05/2010
- (21) 0873/2010
- (44) July 2018
- (45) 09/10/2018
- (11) 28975

(51)	Int. Cl. 8 C01B 3/02
(71)	1. CASALE S.A. (Switzerland)
	2. 3.
(72)	1. FILIPPI, Ermanno
	2. BADANO, Marco
	3. SKINNER, Geoffrey Frederick
(73)	1.
(1-7)	2.
(30)	1. (EP) 07022984.4 - 27-11-2007
(00)	2. (PCT/EP2008/009341) - 06-11-2008
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS FOR PRODUCING AMMONIA SYNTHESIS GAS Patent Period Started From 06/11/2008 and Will end on 05/11/2028

(57) The present invention concerns a process for producing ammonia synthesis gas from the reforming of hydrocarbons with steam in a primary reformer equipped with a plurality of externally heated catalytic tubes and then in a secondary reformer together with an oxidant gas. In this process, the reaction of said hydrocarbons with said steam in said primary reformer is performed at an operating pressure of at least 45 bar in the catalytic tubes and a flow of essentially pure oxygen or oxygen-enriched air is added to said secondary reformer as oxidant gas for substantially reforming together with said all the hydrocarbons content of said product gas exiting the primary reformer. In the case essentially pure oxygen is used as oxidant gas, a flow of nitrogen is added downstream the secondary reformer to reach a N2/H2 molar ratio corresponding to or close to the stoichiometric ratio for ammonia synthesis. This process allows to obtain high synthesis gas production capacities and lower investment and energy costs.-



PCT

- (22) 05/10/2016
- (21) 1633/2016
- (44) July 2018
- (45) 09/10/2018
- (11) 28976

(51)	Int. Cl. 8 E01C 7/14 & C04B 28/04	
(71)	1. CEMEX RESEARCH GROUP AG 2. 3.	
(72)	1. ZAMPINI, Davide 2. GUERINI, Alexandre 3. ZANDERS, Carsten	. VOLPATTI, Giovanni
(73)	1. 2.	
(30)	1. (PCT/EP2014/057144) - 09-04-2014 2. 3.	
(74)	SMAS	
(12)	Patent	

(54) METHOD FOR PLACEMENT OF ROLLER COMPACTED CONCRETE (RCC) ON A SUB-BASE TO PRODUCE A CONCRETE PAVEMENT Patent Period Started From and Will end on

(57) Method for placement of roller compacted concrete (RCC) on a sub-base to produce a concrete pavement, which comprises: (a) dosing a concrete or concrete ingredients and loading said concrete or concrete ingredients into a concrete transportation truck, (b) adding at least one pelletizing agent to the concrete and waiting from 3 to 15 minutes under constant mixing to produce a pelletized concrete and (c) discharging the pelletized concrete obtained in step (b) on the sub-base from the concrete transportation truck, rotating the drum of the concrete transportation truck.



PCT

- (22) 02/06/2013
- (21) | 0942/2013 D1
- (44) April 2018
- (45) 09/10/2018
- (11) 28977

(51)	Int. Cl. 8 H04N 7/30
(71)	1. Sony Corporation (JAPAN)
	2.
	3.
(72)	1. SATO, Kazushi
, ,	2.
	3.
(73)	1.
(10)	2.
(30)	1. (JP) 2010-275116 - 09-12-2010
(00)	2. (JP) 2011-049992 - 08-03-2011
	3. (PCT/JP2011/073657) - 14-10-2011
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD

Patent Period Started From 14/10/2011 and Will end on 13/10/2031

(57) Problem To suppress an increase in the amount of encoding when the number of quantization matrices increases. [Solution] Provided is an image processing device equipped with: a selection unit that selects a transformation unit used for an inverse orthogonal transformation of image data to be decoded from among a plurality of transformation units having differing sizes; a generation unit that generates a second quantization matrix corresponding to a transformation unit having a second size from a first quantization matrix corresponding to a transformation unit having a first size; and an inverse quantization unit that, when the transformation unit having the second size is selected by the selection unit, performs inverse quantization of transformation coefficient data of the image data using the second quantization matrix generated by the generation unit.



PCT

- (22) 25/02/2014
- (21) 0282/2014
- (44) July 2018
- (45) 09/10/2018
- (11) | 28978

(51)	Int. Cl. 8 C70D 213/74, 401/06, 417/06 & A01N 43/40, 43/78, 7/02, 7/04	
(71)	1. Meiji Seika Pharma Co., Ltd (JAPAN)	
	2.	
	3.	
(72)	1. FUKUDA Yoshimasa	4. KITSUDA Shigeki
(,2)	2. NAKANISHI Nozomu	8
	3. OHNO Ikuva	
(73)	1.	
	2.	
(30)	1. (JP) 2012-043880 - 29-02-2012	
(/	2. (PCT/JP2011/069352) - 26-08-2011	
	3. (PCT/JP2012/071399) - 24-08-2012	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) METHOD FOR PRODUCING PEST CONTROLLING AGENT Patent Period Started From 24/08/2012 and Will end on 23/08/2032

(57) To inexpensively and stably supply a derivative having a 2-acylaminopyridine configuration represented by Formula (I) in an amount required as a pest controlling agent, the present invention provides a process of producing a compound represented by Formula (B) by acylating a 2-positioned amino group of a compound represented by Formula (A) by using an acylation agent [where, Ar is a phenyl group or a 5-6 membered hetero ring, R1 is a C1-C6 alkyl group, and Y is a hydrogen atom, a halogen atom, a hydroxyl group, a C1-C6 alkyl group which may be substituted with a halogen atom, a C1-C6 alkoxy group which may be substituted with a halogen atom, a cyano group, a formyl group, or a nitro group], and also provides a method including further alkylating a 1-position nitrogen atom of the compound represented by Formula (B).

Arab Republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology
Egyptian Patent Office



PCT

- (22) 21/12/2014
- (21) 2055/2014
- (44) June 2018
- (45) 09/10/2018
- (11) 28979

(51)	Int. Cl. 8 H04N 7/26, 7/36, 7/50
(71)	 Telefonaktiebolaget L M Ericsson (publ) (SWEDEN) 3.
(72)	 STROM, Jacob SAMUELSSON, Jonatan SJOBERG, Rickard
(73)	1. 2.
(30)	1. (US) 61/666.235 - 29-06-2012 2. (PCT/SE2013/050835)- 01-07-2013 3.
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) ENCODING AND DECODING VIDEO SEQUENCES COMPRISING REFERENCE PICTURE SETS Patent Period Started From 01/07/2013 and Will end on 31/06/2033

(RPSs) is provided. The method comprises arranging the RPSs in transmission order in a data structure, such as a Sequence Parameter Set (SPS), determining whether explicit RPS transmission is used for an RPS of a current picture of the video sequence, and encoding information indicating an RPS comprised in the data structure to be used for predicting the RPS of the current picture, such as delta_idx_minus1, only if explicit RPS transmission is used. By transmitting delta_idx_minus1 only if explicit RPS transmission is used, and interpreting delta_idx_minus1 to be equal to zero otherwise, a reduced bitrate is achieved. Further, a method of decoding a video sequence comprising RPSs, corresponding computer programs and computer program products, as well as corresponding encoders and decoders are provided.



PCT

- (22) 22/12/2013
- (21) 1952/2013 D1
- (44) June 2018
- (45) 09/10/2018
- (11) 28980

(51)	Int. Cl. ⁸ H04N 7/20
(71)	1. Sony Corporation (JAPAN) 2.
	3.
(72)	1. IKEDA Masaru
	2.
	3.
(73)	1.
	2.
(30)	1. (JP) 2011-240550 - 01-11-2011
	2. (JP) 2011-243839 - 07-11-2011
	3. (JP) 2012-009326 - 19-01-2012
	4. (JP) 2011-143461 - 28-06-2012
	5. (PCT/JP2012/063606) - 28-05-2012
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD

Patent Period Started From 28/05/2012 and Will end on 27/05/2032

(57) The present technology relates to an image processing device and an image processing method by which filtering can be appropriately performed in a deblocking filtering process. The value of a pixel (p0i) which is 255 (solid line) prior to a deblocking process changes greatly after a conventional deblocking process, becoming 159 (dotted line). Therefore, a clipping process with a clipping value of 10 is performed in strong filtering, and thereby, the value of the pixel (p0i) which is 255 (solid line) prior to the deblocking process becomes 245 (thick line), and the conventional large change in pixel values can be reduced to a minimum. The disclosure can be applied to, for example, an image processing device.



PCT

- (22) 21/12/2011
- (21) 2133/2011
- (44) October 2018
- (45) 09/10/2018
- (11) 28981

(51)	Int. Cl. 8 B01D 45/04, 45/06, 45/12, 45/16 & B04C 5/04
(71)	1. ENI S.P.A (ITALY) 2. 3.
(72)	1. DI BERARDO, Lorenzo 2. ANDREUSSI, Paolo 3. ANSIATI, Alberto
(73)	1. 2.
(30)	1. (IT) MI2009A001136 - 26-06-2009 2. (PCT/IB2010/001513) - 21-06-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) COMPACT INERTIAL GAS-LIQUID SEPARATION SYSTEM Patent Period Started From 21/06/2010 and Will end on 20/06/2030

(57) A compact inertial gas -liquid separator comprising: a stratification means consisting of a first horizontal pipe and a second pipe having a larger diameter possibly slightly tilted with respect to the horizontal (≤10), connected to each other by means of a suitable connection gate; a cylindrical body with a vertical development, on which the stratification means is tangentially inserted, wherein the inertial gas -liquid separation is performed, in whose upper part an arrangement of finishing elements can be optionally inserted for the further separation of the drops of liquid entrapped in the gaseous stream; two outlet means for the liquid stream and for the gaseous stream.



PCT

- (22) 26/04/2012
- (21) 0780/2012
- (44) April 2018
- (45) 14/10/2018
- (11) 28982

(51)	Int. Cl. 8 E21B 43/40	
(71)	1. SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B.V. (United state of America) 2. 3.	
(72)	 AYIRALA, Subhash Chandra Bose CHIN, Robert Wing-Yu MATZAKOS, Andreas Nicholas 	4. UEHARA-NAGAMINE, Ernesto
(73)	1. 2.	
(30)	1. (US) 61/257.308 - 02-11-2009 2. (PCT/US2010/054617) - 29-10-2010 3.	
(74)	NAHID WADI RIZK TARAZI	
(12)	Patent	

(54) WATER INJECTION SYSTEMS AND METHODS Patent Period Started From 29/10/2010 and Will end on 28/10/2030

(57) There is disclosed a system comprising a well drilled into an underground formation comprising hydrocarbons; a production facility at a topside of the well; a water production facility connected to the production facility; wherein the water production facility produces water by passing the water through a first and a second nanofiltration module, and then injects the water into the well.



PCT

- (22) 17/01/2016
- (21) 0072/2016
- (44) June 2018
- (45) |14/10/2018
- (11) 28983

(51)	Int. Cl. ⁸ C11D 3/04, 3/10, 3/37, 11/02
(71)	 UNILEVER PLC (United Kingdome) 3.
(72)	 DEN ADEL, Rudi PACHA, Fakhruddin ,Esmail
(73)	1. 2.
(30)	1. (EP) 13179902.5 - 09-08-2013 2. (PCT/EP2014/065364) - 17-07-2014 3.
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) PROCESS FOR THE PRODUCTION OF A DETERGENT GRANULE, DETERGENT GRANULE AND DETERGENT COMPOSITION COMPRISING SAID GRANULE Patent Period Started From 17/07/2014 and Will end on 16/07/2034

- (57) There is provided a process for the production of a detergent granule comprising at least 40% by weight of an anionic surfactant and suitable for use as a granular detergent composition or a component thereof, which comprises the steps of:
 - (i) neutralising an anionic surfactant precursor with a source of alkali,
 - (ii) adding Na₂SO₄ and Na₂CO₃ to form a slurry and
 - (iii) spray-drying the obtained slurry to forma granule, whereby the molar ratio of Na₂SO₄ to Na₂CO₃ is in range of 1 :3.3 to less than : 1.3, and whereby the double salt Na₂SO₄. Na₂CO₃ is formed and whereby the slurry comprises a polycarboxylate polymer. There is also provided a spray-dried detergent carrier granule comprising at least 40% by weight of an anionic surfactant and suitable for use as a granular detergent composition or a component thereof, comprising (i) linear alkylbenzene sulphonate (LAS), soap and mixtures thereof, and (ii) the double salt Na₂SO₄. Na₂CO₃ obtainable by the process of the present invention. A third aspect is a detergent composition comprising such granules.



PCT

- (22) 22/02/2016
- (21) 0280/2016
- (44) April 2018
- (45) | 14/10/2018
- (11) 28984

(51)	Int. Cl. 8 H01R 13/506, 13/53, 24/20
(71)	1. Thomas & Betts International LLC, (UNITED STATES OF AMERICA) 2.
	3.
(72)	 Stanley S. Szyszko Carlos H. Hernandez John Knight
(73)	1. 2.
(30)	1. (US) 62/120,061 - 24-02-2015 2. (US) 15/000,236 - 19-01-2016 3.
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) MULTI-PIECE JACKET FOR SEPARABLE CONNECTORS Patent Period Started From 19/01/2016 and Will end on 18/01/2036

(57) A jacket assembly for a separable connector includes multiple pieces joined by an overlapping or interference fit. The multiple pieces include a body segment between a cable entrance segment and a bushing interface segment. The cable entrance segment includes a bore that extends axially through the cable entrance segment and is sized to receive an insulated power cable. The bushing interface segment includes a lug portion with another bore that is sized to receive a portion of an insulative inner housing and a portion of a conductive insert for accepting a compression lug. The bushing may also be configured to receive another portion of the insulative inner housing and another portion of a conductive insert for accepting a probe or bushing insert from another device. The body segment includes still another bore extending axially from a first end of the body segment to a second end of the body segment.



PCT

- (22) 25/03/2015
- (21) 0456/2015
- (44) April 2018
- (45) 14/10/2018
- (11) 28985

(51)	Int. Cl. 8 A23G 1/40,3/42&B65D75/38,85/60	
(71)	 Mars, Incorporated (UNITED STATES 0 3. 	OF AMERICA)
(72)	 WENTZEL, Joanna HAUSMAN, David GLAZIER, Barry David 	4. TWEEDIE, Guy Charles
(73)	1. 2.	
(30)	1. (US) 61/707,330 - 28-09-2012 2. (US) 61/789,863 - 15-03-2013 3. (PCT/US2013/061627) - 25-09-2013	
(74)	NAHID WADI RIZK TARAZI	
(12)	Patent	

(54) HEAT RESISTANT CHOCOLATE Patent Period Started From 25/09/2013 and Will end on 24/09/2033

(57) The present invention provides a heat resistant fat based confection. The heat resistance of the confection may be conferred either via inclusion of a polyol and at least one other thermal structuring component in the fat based confection, or via preparation of a premix comprising the polyol and at least one other component of the confection, or a combination of these. Methods of making the fat based confection, and packaged fat based confections, are also provided.

(12)

Patent



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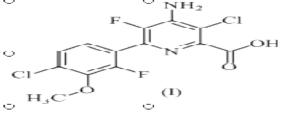
- (22) 22/01/2015
- (21) 0109/2015
- (44) April 2018
- (45) |15/10/2018
- (11) 28986

(51)	Int. Cl. 8 A01N 43/40, 43/70, 43/88, 37/34, 4	47/30, 43/66, 43/78, 43/707, 37/22, 43/58, 47/32, 43/82
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.	
(72)	 YERKES, Carla, N MANN, Richard SCHMITZER, Paul 	4. SATCHIVI, Norbert
(73)	1. 2.	
(30)	1. (US) 675,089/61 - 24-07-2012 2. (US) 840,488/13 - 15-03-2013 3. (PCT/US2013/051297) - 19-07-2013	
(74)	ABDEL HADY	

(54) HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID OR A DERIVATIVE THEREOF AND CERTAIN PS II INHIBITORS

Patent Period Started From 19/07/2013 and Will end on 18/07/2033

(57) Provided herein are synergistic herbicidal compositions containing (a) a compound of formula (I): or an agriculturally acceptable salt or ester thereof and (b) a PS II inhibitor, including but not limited to, atrazine, bentazon-sodium, bromoxynil, chlorotoluron, cyanazine, diuron, hexazinone, ioxynil, isoproturon, linuron, methibenzuron, metribuzin, propanil, pyridate, siduron, simazine, simetryne, tebuthiuron and terbuthylazine, or a salt or ester thereof. The compositions and methods provided herein provide control of undesirable vegetation, e.g., in direct-seeded, water-seeded and transplanted rice, cereals, wheat, barley, oats, rye, sorghum, corn or maize, sugarcane, sunflower, oilseed rape, canola, sugar beet, soybean, cotton, pineapple, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, aquatics, plantation crops, vegetables, industrial vegetation management (IVM) or rights of way (ROW).



39



PCT

(22) 05/06/2013

(21) 0969/2013

(44) April 2018

(45) 15/10/2018

(11) 28987

(51)	Int. Cl. 8 G01V 1/00
(71)	1. BP CORPORATION NORTH AMERICA INC. (UNITED STATES OF AMERICA) 2. 3.
(72)	 DELLINGER, Joseph, A. OPENSHAW, Graham ETGEN, John, T.
(73)	1. 2.
(30)	1. (US) 61/423,962 - 16-12-2010 2. (PCT/US2011/065616) - 16-12-2011 3.
(74)	Amr Mofed El Deeb
(12)	Patent

(54) SEISMIC ACQUISITION USING NARROWBAND SEISMIC **SOURCES** Patent Period Started From 16/12/2011 and Will end on 15/12/2031

(57) There is provided herein a system and method of seismic data collection for land and marine data that utilizes narrowband to monochromatic lowfrequency non- impulsive sources designed to optimize the ability of migration / inversion algorithms to image the subsurface of the Earth, in particular, full-waveform inversion.



PCT

- (22) 02/11/2015
- (21) 1746/2015
- (44) April 2018
- (45) 15/10/2018
- (11) 28988

(51)	Int. Cl. 8 C08F 210/06, 210/200, 210/16, 2/00 & C08L 23/14 & C08J 5/18
(71)	 BOREALIS AG (AUSTRIA) ABU DHABI POLYMERS CO LTD (BOROUGE) L.L.C (UNITED ARAB EMAIRATES) 3.
(72)	 PRIATMOKO, Joko GALIATSATOS, Vassilios .
(73)	1. 2.
(30)	1. (EP) 13169782.3 - 29-05-2013 2. (PCT/EP2014/061153) - 28-05-2014 3.
(74)	Amr Mofed El Deeb
(12)	Patent

(54) BIMODAL POLYPROPYLENE FOR CAST FILMS OR A METALLIZED FILM WHEREIN THE POLYPROPYLENE COMPRISES TWO FRACTIONS WHICH DIFFER IN THE COMONOMER CONTENT

Patent Period Started From 28/05/2014 and Will end on 27/05/2034

(57) The present application relates to a propylene ethylene random copolymer (R-PP), a process for its preparation and metallizable films and cast films made thereof, the propylene ethylene random copolymer (r-pp) having (a) a melt flow rate mfr2 (230°c) measured according to iso 1133 from 5 to 15g/10 min, (b)an ethylene content from 1 to 10 wt.-%, based on the weight of the propylene ethylene random copolymer (R-PP), and (c) exhibiting two melting temperatures (T_m) determined by differential scanning calorimetry (DSC) according to iso 11357-3 which differ from each other, wherein the xylene cold soluble (xcs) content of the propylene ethylene random copolymer (R-PP) is equal or below 12 wt.-% and the propylene ethylene random copolymer (R-PP) comprises a propylene ethylene random copolymer fraction (R-PP1) and a propylene ethylene random copolymer fraction (r-pp2) in a weight ratio [(R-PP1)/(R-PP2)] of 30/70 to 70/30, wherein (d) the ethylene content of the propylene ethylene random copolymer fraction (R-PP1) is equal to or differs from the ethylene content of the propylene ethylene random copolymer fraction (R-PP2).



PCT

- (22) 26/04/2012
- (21) 0778/2012
- (44) April 2018
- (45) 15/10/2018
- (11) 28989

(51)	Int. Cl. 8 F25J 3/02 & C10G 70/04
(71)	1. TECHNIP FRANCE (FRENC) 2. 3.
(72)	 LAUGIER, Jean-Paul SIMON, Yvon 3.
(73)	1. 2.
(30)	1. (FR) 27-10-2009 - 27-10-2009 2. (PCT/FR2010/052290) - 26-10-2010 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) METHOD FOR FRACTIONATING A CRACKED GAS FLOW IN ORDER TO OBTAIN AN ETHYLENE-RICH CUT AND A FUEL FLOW, AND ASSOCIATED FACILITY

Patent Period Started From 26/10/2010 and Will end on 25/10/2030

(57) The invention relates to a method for fractionating a cracked gas flow in order to obtain an ethylene-rich cut and a fuel flow, and associated facility. Said method comprises injecting a downstream cracked gas flow from a downstream heat exchanger into a downstream separator and recovering a high-pressure gaseous fuel flow at the head of the downstream separator. The method comprises passing the flow of fuel through the downstream exchanger and an intermediate exchanger to form a reheated high-pressure fuel flow, expanding the reheated high-pressure fuel flow in at least one first dynamic expansion device and passing the flow of partially expanded fuel from the intermediate exchanger into a second dynamic expansion device in order to form an expanded fuel flow. The expanded fuel flow from the second dynamic expansion device is reheated in the downstream heat exchanger and in the intermediate heat exchanger.



PCT

- (22) 07/06/2012
- (21) 1037/2012
- (44) April 2018
- (45) |15/10/2018
- (11) 28990

(51)	Int. Cl. 8 B60C 9/20, 9/22, 9/00 & D07B 1/06
(71)	1. PIRELLI TYRE S.P.A. (ITALY)
	2. 3.
(72)	1. DAGHINI, Guido Luigi
	2. CEREDA, Giuseppe 3.
(73)	1.
(10)	2.
(30)	1. (IT) MI2009A 002175 - 11-12-2009
	2. (US) 61/300,619 - 02-02-2010
	3. (PCT/IB2010/055739) - 10-12-2010
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) TYRE FOR A WHEEL OF A HEAVY LOAD VEHICLE Patent Period Started From 10/12/2010 and Will end on 09/12/2030

(57) Tyre comprising a carcass structure comprising at least one carcass ply; a belt structure applied in a radially outer position relative to said carcass structure and a tread band applied in a radially outer position relative to said carcass structure. The belt structure preferably comprises at least one reinforcing strip incorporating a plurality of reinforcing elements laid substantially in the circumferential direction. The reinforcing elements preferably comprise at least one high - elongation metal cord. The metal cord comprises a plurality of twisted strands and each strand preferably comprises a central filament and a plurality of outer filaments arranged to form a single circular outer ring around the central filament, wherein the central filament has a diameter greater than the diameter of the outer filaments.



PCT

- (22) 22/01/2015
- (21) 0115/2015
- (44) April 2018
- (45) |15/10/2018
- (11) 28991

(51)	Int. Cl. 8 A01N 43/40	
(71)	1. DOW AGROSCIENCES LLC (UNITED ARAB EMAIRATES) 2. 3.	
(72)	 MANN,RICHARD,K YERKES, Carla, N SATCHIVI, Norbert, M 	4. SCHMITZER, Paul, R
(73)	1. 2.	
(30)	1. (US) 675,117/61 - 24-07-2012 2. (US) 837,990/13 - 15-03-2 -013 3. (PCT/US2013/051323) - 19-07-2013	
(74)	ABDEL HADY	
(12)	Patent	

(54) HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID Patent Period Started From 19/07/2013 and Will end on 18/07/2033

Provided herein are synergistic herbicidal compositions containing (a) a compound of formula (I): 4-amino-3-chloro-5-fluoro-6-(4-chloro-2-fluoro-3-methoxyphenyl)pyridine-2-carboxylic acid or a derivative thereof, or an agriculturally acceptable salt or ester thereof and (b) a sulfonylurea e.g., amidosulfuron, azimsulfuron, bensulfuron-methyl, chlorsulfuron, cyclosulfamuron, ethametsulfuron-methyl, ethoxysulfuron, flazasulfuron, flucetosulfuron, flupyrsulfuron-methyl sodium, foramsulfuron, imazosulfuron, iofensulfuron, iodosulfuron-methyl sodium, mesosulfuron-methyl, micosulfuron, orthosulfamuron, primisulfuron-methyl, propyrisulfuron, prosulfuron, pyrimisulfan, pyroxasulfone, rimsulfuron, sulfometuron-methyl, sulfosulfuron, thifensulfuron-methyl, triafamone, triasulfuron, tribenuron-methyl or trifloxysulfuronsodium, or an agriculturally acceptable salt or ester thereof. The compositions and methods provide control of undesirable vegetation, e.g., in crops and other settings, e.g., in directseeded, water-seeded and transplanted rice, cereals, wheat, barley, oats, rye, sorghum, corn or maize, sugarcane, sunflower, oilseed rape, canola, sugar beet, soybean, cotton, pineapple, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, aquatics, plantation crops, vegetables, industrial vegetation management (IVM) or rights-of-way (ROW).

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 H_3C
 OH



PCT

- (22) 22/01/2015
- (21) 0113/2015
- (44) April 2018
- (45) 15/10/2018
- (11) 28992

(51)	Int. Cl. 8 A01N 43/40
(71)	1. DOW AGROSCIENCES LLC (UNITED ARAB EMAIRATES)
	2.
	3.
(72)	1. YERKES,CARLA,N
	2. MANN, Richard, K
	3.
(73)	1.
	2.
(30)	1. (US) 675,117/61 - 24-07-2012
, ,	2. (US) 675,109/61 - 27-07-2012
	3. (US) 833,362/13 - 15-03-2013
	(PCT/US2013/051322) - 19-07-2013
(74)	ABDEL HADY
(12)	Patent

(54)	HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-
	CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-
	METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID
	Patent Period Started From 19/07/2013 and Will end on 18/07/2033

(57) Provided herein are synergistic herbicidal compositions containing (a) a compound of formula (I): 4-amino-3-chloro-5-fluoro-6-(4-chloro-2-fluoro-3-methoxyphenyl)pyridine-2-carboxylic acid or a derivative thereof, or an agriculturally acceptable salt or ester thereof and (b) dimethoxypyrimidine acids, including but not limited to bispyribac-sodium, pyribenzoxirii, pyriftalid, pyriminobac-methyl and pyrimisulfan provide synergistic weed control of undesirable vegetation e.g., in direct seeded, water-seeded, and transplanted rice, cereals, wheat, barley, oats, rye, sorghum, com or maize, sugarcane, sunflower, oilseed rape, canola, sugar beet, soybean, cotton, pineapple, vegetables, pastures, grasslands, rangelands, fallowland, turf, tree and vine orchards, aquatics, plantation crops, industrial vegetation management (IVM) or rights of way (ROW).

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C I



PCT

- (22) |08/06/2011
- (21) | 0943/2011
- (44) April 2018
- (45) 15/10/2018
- (11) 28993

(51)	Int. Cl. 8 B60C 11/04, 11/03
(71)	1. PIRELLI TYRE S.P.A (ITALY)
()	2.
	3.
(72)	1. PIZZORNO, Tommaso
, ,	2. ASCANELLI, Alessandro
	3.
(73)	1.
	2.
(30)	1. (PCT/IT2008/000778) - 19-12-2008
` ′	2.
	3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) HEAVY, LOAD PNEUMATIC TIRE Patent Period Started From 19/12/2008 and Will end on 18/12/2028

(57) Tyre having optimum characteristics in terms of preventing trapping of various material such as grit or small stones, having a tread pattern comprising circumferential grooves (3, 4, 5, 6) containing projecting elements (7, 8) which are non-aligned with each other along the centre line of the groove. At least one first (7) and at least one second (8) plurality of projecting elements are arranged on opposite sides of the centre line of the circumferential groove (Z-Z').



PCT

- (22) 15/06/2015
- (21) | 0969/2015
- (44) April 2018
- (45) 15/10/2018
- (11) 28994

(51)	Int. Cl. 8 F16L 15/00
(71)	 VALLOUREC OIL AND GAS FRANCE (FRENCE) NIPPON STEEL & SUMITOMO METAL CORPORATION (JAPAN) 3.
(72)	 GARD, Eric GOUIDER, Mohamed PETIT, Mikael
(73)	1. 2.
(30)	1. (FR) 1262580 - 12-12-2012 2. (PCT/EP2013/076841) - 17-12-2013 3.
(74) (12)	COMPANY SMAS OF THE IP Patent

(54) FOR PRODUCING A GALLING-RESISTANT THREADED TUBULAR CONNECTION

Patent Period Started From 17/12/2013 and Will end on 16/12/2033

(57) The invention concerns an assembly for the production of a threaded connection, comprising a first and a second tubular component each with an axis of revolution and each provided at one of their ends with a threaded zone produced on the outer or inner peripheral surface of the component depending on whether the threaded end is male or female in type, said ends being capable of cooperating by makeup and ending in a terminal surface, at least one first contact surface being provided on one of the ends and at least one second contact surface being provided on the corresponding end, such that the first and second contact surfaces come into contact during makeup of the ends, characterized in that the first and second contact surfaces are respectively each coated with a first and a second dry thermoplastic film the matrices of which are constituted by one or more thermoplastic polymers, only one of the first and second dry thermoplastic films further comprising a liquid amorphous thermoplastic resin with a dynamic viscosity in the range 2000 to 40000 mPa.s at 25°C. Figure 1.



PCT

- (22) 16/02/2014
- (21) 0211/2014
- (44) May 2018
- (45) 15/10/2018
- (11) 28995

(51)	Int. Cl. 8 C04B 7/32, 7/345, 28/06
(71)	1. HEIDELBERGCEMENT AG (GERMANY) 2. 3.
(72)	 BULLERJAHN, Frank SCHMITT, Dirk BEN HAHA, Mohsen
(73)	1. 2.
(30)	1. (EP) 11006757.6 - 18-08-2011 2. (EP) 11008570.1 - 26-10-2011 3. (EP) 12001488.1 - 05-03-2012 4. (EP) 12002111.8 - 26-03-2012 5. (EP) 12002342.9 - 30-03-2012 6. (EP) 12003718.9 - 10-05-2012 7. (PCT/EP2012/002976) - 16-07-2012
(74)	SMAS
(12)	Patent

METHOD FOR MANUFACTURING TERNESITE CLINKER (54)Patent Period Started From 16/06/2012 and Will end on 15/06/2032

(57) The invention relates to a method for producing terensite-clinkers comprising 20 - 95 wt.-% C5S2\$ and less than 15 wt. % C4A3\$, and to the use of ternesite as an additive to hydraulic and/or latent-hydraulic and/or pozzolanic materials.



PCT

- (22) 10/11/2015
- (21) 1774/2015
- (44) June 2018
- (45) |15/10/2018
- (11) 28996

(51)	Int. Cl. 8 C04B 7/345, 28/04, 40/00	
(71)	 HEIDELBERGCEMENT AG (GERMAN 3. 	NY)
(72)	 BULLERJAHN, Frank BEN HAHA, Mohsen SPENCER, Nicolas 	4. ITUL, Anca 5.
(73)	1. 2.	
(30)	1. (EP) 13002496.1 - 11-05-2013 2. (EP) 13005291.3 - 11-11-2013 3. (EP) 13005528.8 - 28-11-2013 4. (PCT/EP2014/001214) - (07-05-2014	
(74)	COMPANY SMAS OF THE IP	
(12)	Patent	

(54) METHOD FOR PRODUCING MAGNESIUM SILICATE-BELITE-CALCIUM ALUMINATE CEMENT

Patent Period Started From 07/05/2014 and Will end on 06/05/2034

(57) The present invention relates to a method for producing a binder comprising the following steps: providing a starting material, from raw materials, that has a molar (Ca+Mg)/(Si+Al+Fe) ratio from 1 to 3.5, a molar ratio Ca/Mg from 0.1 to 100, and a molar Al/Si ratio from 100 to 0.1, wherein constituents that are inert during the hydrothermal treatment in an autoclave are not taken into account for determination of the ratios, mixing the raw materials, hydrothermal treating of the starting material mixture produced in step b) in an autoclave at a temperature from 100 to 300 °C and a residence time from 0.1 to 24 h, wherein the water/solids ratio is 0.1 to 100, tempering the intermediate product obtained in step c) at 350 to 600 °C, wherein the heating rate is 10-6000 °C/min and the residence time is 0.01-600 min. The present invention additionally relates to a binder obtainable in this way



PCT

- (22) 19/11/2015
- (21) 1836/2015
- (44) April 2018
- (45) 15/10/2018
- (11) 28997

(51)	Int. Cl. 8 C04B 28/14
(71)	1. SAINT-GOBAIN CONSTRUCTION PRODUCTS UK LIMITED
	2. 3.
(72)	1. HOTCHIN, Glen
, ,	2. JONES, Nicholas
	3. RICHARDSON, Adam
(73)	1.
(-)	2.
(30)	1. (GB) 1309058.4 - 20-05-2013
(= -)	2. (PCT/GB2014/051536) - 20-05-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CONSTRUCTION PANEL HAVING IMPROVED FIXING STRENGTH AND METHOD FOR THE MANUFACTURE THEREOF

Patent Period Started From 20/05/2014 and Will end on 19/05/2034

(57) A plasterboard comprises a gypsum matrix having fibres embedded therein. The plasterboard optionally has a backing lamina attached to one of the faces thereof. The gypsum matrix of the plasterboard optionally comprises a polymeric additive.



PCT

- (22) 23/10/2014
- (21) 1704/2014
- (44) May 2018
- (45) 15/10/2018
- (11) 28998

(51)	Int. Cl. 8 A61F 13/15, 13/49
(71)	1. UNICHARM CORPORATION (JAPAN) 2. 3.
(72)	1. SAKAGUCHI Satoru 2. YAMANAKA Yasuhiro 3. OKUBO Tetsuo
(73)	1. 2.
(30)	1. (JP) 2012-104151 - 27-04-2012 2. (PCT/JP2013/062239) - 25-04-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	DISPOSABLE DIAPER
	Patent Period Started From 25/04/2013 and Will end on 24/04/2043

(57) This disposable diaper is configured in a manner so that the end (E2) at the front torso-encircling region side of an extendable/contractable range in a leg extension/contraction section is more proximal to the end (E4) at the front torso-encircling region side of the disposable diaper than the end (E3) at the front torso-encircling region side of an extendable/contractable range of a crotch extension/contraction section. The end (E5) at the back torso-encircling region side of the extendable/contractable range in the leg extension/contraction section is configured in a manner so as to be more proximal to the end (E7) at the back torso-encircling region side of the disposable diaper than the end (E6) at the back torso-encircling region side of the extendable/contractable range of the crotch extension/contraction section. The tensile modulus of the leg extension/contraction section is greater than the tensile modulus of the leg extension/contraction section.



PCT

- (22) 20/05/2009
- (21) 0750/2009
- (44) August 2018
- (45) 15/10/2018
- (11) 28999

(51)	Int. Cl. 8 C07D 311/40
(71)	1. MUBARAK CITY FOR SCIENTIFIC RESEARCH AND TECHNOLOGY APPLICATIONS 2. (EGYPT) 3.
(72)	 DR. HALA IBRAHIM EL-ADAWI DR. ABEER EL-SAYED ABDEL-WAHAB DR. YASSER REFAAT ABDEL-FATTAH
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) METHOD FOR EXTRACTION OF POLYPHENOL FROM MILK THISTLE

Patent Period Started From 20/05/2009 and Will end on 19/05/2029

(57) The present invention relates to method for extraction of polyphenol from milk thistle using water without adding any other solvent. The extraction process occurs at temperature range from 100°: 150°, ph=7, pressure 0.9: 1.5 bar. The extraction is completed after 10:50 min. The produced polyphenols can be considered a promising bioactive natural molecule with potential applications in dietary supplements, nutraceutical and pharmaceutical composition, in which they serve as preventive agents against hepatic disease, cancer, autoimmune diseases and other degenerative diseases caused by free radical damage.



PCT

- (22) 21/04/2010
- (21) 0655/2010
- (44) AUGUST 2018
- (45) 15/10/2018
- (11) 29000

(51)	Int. Cl. ⁸ B27N 3/06
(71)	1. FUND OF SCIENCE AND TECHNOLOGICAL DEVELOPMENT (EGYPT) 2. 3.
(72)	 GALAL A BD-EL MOEIN NAWWAR MAHA ZAKARIA SULTAN ZAKARIA SAYED SULTAN
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) METHOD FOR PREPARING UREA FORMALDEHYDE RESIN USING CHICKEN FEATHERS HYDROLYZATE Patent Period Started From 21/04/2010 and Will end on 20/04/2030

(57) The present inquiry deal with allowing new method for preparing urea formaldehyde resin by using hydrolyzed chicken feathers prepared in black* liquor produced from rice straw and that decrease hazard formalin emission. It also, enhancing adhesive force in industrial wood (MDF) which make the prepared resin more healthy save on use.



PCT

- (22) 12/06/2012
- (21) 1073/2012
- (44) August 2018
- (45) 15/10/2018
- (11) 29001

(51)	Int. Cl. 8 A 61P 25/08, C 07C 231/00, 237/06
(71)	1. NATIONAL CENTER FOR RESEARCH (EGYPT)
	2.
	3.
(72)	1. MOHAMED NABIL YOUSSEF ABOUL-ENEIN
()	2. YOUSREYA ALY ALY MAKLAD
	3. AIDA MOHAMED ABD EL-SATTAR MOHAMED EL-AZZOUNY
	4. RASHA MOHAMED MOHAMED HASSAN
(73)	1.
(-)	2.
(30)	1,
(00)	2.
	3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB
(3 -)	
(12)	Patent

(54) COMPOUNDS OF DERIVATIVES OF L-[4-(BENZYLOXY) BENZYLAMINO] CYCLOALKANECARBOXAMIDES AND 1INDANE CARBOXAMIDES AS ANTICONVULSANTS

Patent Period Started From 12/06/2012 and Will end on 11/06/2032

(57) In this invention five new derivatives of cycloalkane and 1- indane carboxamides which have structure similarity with the drug safinamide were prepared for the first time. In the pharmacological study these derivatives displayed anticonvulsant activity against pentylenetetrazole-induced seizures greater than that of safinamide.



PCT

- (22) 10/10/2013
- (21) 1577/2013
- (44) August 2018
- (45) 15/10/2018
- (11) 29002

(51)	Int. Cl. 8 C02F 3/00
(71)	1. FARAG ZAKY MOHAMED GHANEM (EGYPT) 2.
	3.
(72)	1. FARAG ZAKY MOHAMED GHANEM
	2. 3.
(73)	1.
(20)	2. 1.
(30)	2.
	3.
(74)	
(12)	Patent

(54)	Instant Separator	
	Patent Period Started From 10/10/2013 and Will end on 09/10/2033	

(57) A local sanitary station. It is consisted of two parts. The two parts are separated by a wall that works to prevent unwanted matters to go through the public sanitary network at the instant the sanitary stream crosses the station. As latter it is possible to pick up these unwanted matters either automatically or manually.



PCT

- (22) 09/04/2015
- (21) 0552/2015
- (44) August 2018
- (45) 15/10/2018
- (11) 29003

(51)	Int. Cl. ⁸ C08B 1/04
(71)	1. SABRI ABDU ATALLAH ALFY (EGYPT)
	2.
	3.
(72)	1. SABRI ABDU ATALLAH ALFY
	2.
	3.
(73)	1.
	2.
(30)	1,
, ,	2.
	3.
(74)	
(12)	Patent

(54)	NEW METHOD FOR MAKING FRESNEL LENS	
	Patent Period Started From 09/04/2015 and Will end on 08/04/2035	

(57) The present invention relates to a method for making Fresnel lens characterized with: 1. very big area, 2. Very low cost, 3. wider scope of application, 4. consisting of single or complex piece 5. and easy-to-clean.



PCT

- (22) 10/03/2016
- (21) 0431/2016
- (44) August 2018
- (45) 15/10/2018
- (11) 29004

(51)	Int. Cl. 8 C02F 11/00
(71)	1. SARAH MOHAMED HASSAN YOUNES (EGYPT) 2.
	3.
(72)	1. SARAH MOHAMED HASSAN YOUNES
	2.
	3.
(73)	1.
()	2.
(30)	1.
(00)	2.
	3.
(74)	
(12)	Patent

(54) INSTALLED TO PURIFY THE SEWAGE SLUDGE BY HYDROXYL COMPOUND Patent Period Started From 10/03/2016 and Will end on 09/03/2036

(57) The invention relates to the preparation of compounds of hydrocarbons to treated the sludge from: * treatment of heavy materials (lead - cadmium - zinc - chromium - nickel -copper and iron). A increasing separation of suspended solids from water to facilitate drying process. * sludge treatment of pathogens such as salmonella. For re-use in agricultural safe fertilization ,these substances are compound (2,3dihydroxy succeinohydrazide) and its metal complexes or mineral (2,3-dihydroxy-n, n4-bis (2-hydroxybenzylidene) succinohydrazide and its metal complexes. The best dose was 2.4 mg/1 for the best 30 minutes.



PCT

- (22) 29/08/2016
- (21) 1450/2016
- (44) August 2018
- (45) | 15/10/2018
- (11) 29005

(51)	Int. Cl. 8 C02F 1/22
(71)	1. SABRY ABDO ATTA ALAH (EGYPT) 2.
	3.
(72)	1. SABRY ABDO ATTA ALAH
, ,	2.
	3.
(73)	1.
	2.
(30)	1.
(0 0)	2.
	3.
(74)	
(12)	Patent

(54) DEVICE AND METHOD FOR SEA WATER & GROUNDWATER DESALINATION BY BOILING & CONDENSING VIA LOWERING VAPOR PRESSURE

Patent Period Started From 29/08/2016 and Will end on 28/08/2036

(57) The present invention relates to device and method for sea water and ground water desalination via cooling system that makes the desalination plant being a thermally insulating system. Since, water vapor tubes and target salt water to be desalinated are thermally exchanged directly in one step. As a result, lost energy is being recovered as well as a decrease in vapor pressure and boiling salt water at low temperature. Thus, pure water is being produced separated from more salted water.



PCT

- (22) 19/03/2015
- (21) 0418/2015
- (44) April 2018
- (45) 16/10/2018
- (11) 29006

(51)	Int. Cl. 8 B29D 30/30, 30/70
(71)	1. PIRELLI TYRE S.P.A., (TALY) 2. 3.
(72)	 BARZAGHI, Antonio Alessandro 3.
(73)	1. 2.
(30)	1. (IT) MI2012A001608 - 26-09-2012 2. (US) 707·290/61 - 28-09-2012 3. (PCT/IB2013/058848) - 25-09-2013
(74)	ABDEL HADY OFFICE
(12)	Patent

(54) METHOD OF CONTROLLING THE BUILDING OF A REINFORCING STRUCTURE FOR TYRES, PROCESS AND APPARATUS FOR PRODUCING SUCH TYRES

Patent Period Started From 25/09/2013 and Will end on 24/09/2033

(57) A method for controlling the building of a reinforcing structure of tyres for vehicle wheels comprises: exerting, on a head portion of a reinforced continuous elongated element of elastomeric material, an attraction force towards a forming support; depositing the elongated element on the forming support with a predetermined tension force to form a coiled winding; depositing at least one reinforcing layer in a radially outer position with respect to the coiled winding to form a reinforcing structure in which between the coiled winding and the reinforcing layer a mutual coupling force acts; separating the reinforcing structure from the forming support through radial contraction of the latter. At least one of the attraction force and the tension force is controlled so that the sum of such a force and the tension force is lower than the coupling force.



PCT

- (22) 01/09/2015
- (21) 1366/2015
- (44) April 2018
- (45) 16/10/2018
- (11) 29007

(51)	Int. Cl. 8 C09C 1/46	
(71)	1. CABOT CORPORATION (UNITED STATES OF AMERICA) 2. 3.	
(72)	 UNRAU, Chad, J HUNT, David, O MATHEU, David, M 	4. NESTER, Serguei
(73)	1. 2.	
(30)	1. (US) 61/789,669 - 15-03-2013 2. (PCT/US2014/018545) - 26-02-2014 3.	
(74)	ABDEL HADY OFFICE	
(12)	Patent	

(54) A METHOD FOR PRODUCING CARBON BLACK USING AN EXTENDER FLUID Patent Period Started From 26/02/2014 and Will end on 25/02/2034

(57) Methods for the production of carbon black using an extender fluid(s) are provided as well as methods to control one or more particle properties of carbon black utilizing extender fluids and other techniques.



PCT

- (22) 29/05/2016
- (21) 0875/2016
- (44) June 2018
- (45) |17/10/2018
- (11) | 29008

(51)	Int. Cl. 8 B42D 25/29, 25/333 & G07D 7/00		
(71)	 CRANE & CO., INC (UNITED STATES OF AMERICA) CRANE SECURITY TECHNOLOGIES, INC (UNITED STATES OF AMERICA) CRANE AB(SWEDEN) 		
(72)	 BLAKE, William BOODY, Jeffrey BRIGHAM, Kraig, M. CALLAHAN, James COTE, Paul, F 	6. DARROCH, Michael7. JAIN, Manish8. MORCK HAMILTON, Karin9. PRETT, Giles, D	
(73)	1. 2.		
(30)	1. (US) 61/911,141 - 03-12-2013 2. (US) 61/911,831 - 04-12-2013 3. (US) 61/911,885 - 04-12-2013 4. (US) 61/924,000 - 06-01-2014 5. (PCT/US2014/068205) - 02-12-2014		
(74)	Amr Mofed El Deeb		
(12)	Patent		

(54) A SECURITY SHEET OR DOCUMENT HAVING ONE OR MORE ENHANCED WATERMARKS

Patent Period Started From 02/12/2014 and Will end on 01/12/2034

(57) The invention generally relates to a security sheet or document having one or more enhanced watermarks. In one exemplary embodiment, the inventive security sheet or document is a single-ply paper that is made up of a paper layer including one or more watermarks, and a micro-optic security device {e.g., a patch or thread) that at least partially covers an upper or face portion of the watermark. The overlying patch or thread increases the durability of the watermark, thereby allowing for the watermark as well as reduced fiber density areas therein to be made larger, and further allowing for the reduced fiber density areas to be made thinner. In a preferred embodiment, the micro-optic security device projects one or more synthetic images that coordinate or link in with the watermark design. In a more preferred embodiment, the micro-optic security device offers a machine detectable/readable feature in the form of enhanced IRbrightness, especially when measured in transmission. As will be readily appreciated, the inventive security sheet or document offers greatly improved counterfeit-resistance.



PCT

- (22) 23/01/2014
- (21) 0110/2014
- (44) June 2018
- (45) | 17/10/2018
- (11) | 29009

(51)	Int. Cl. 8 B82B 3/00 & B01F 3/18
(31)	
(71)	1. Baker Hughes Incorporated (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. XU, Zhiyue
	2. AGRAWAL, Gaurav
	3.
(73)	1.
	2.
(30)	1. (US) 13/224,443 - 02-09-2011
	2. (PCT/US2012/052836) - 29-08-2012
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) METHOD TO GENERATE AND DISPERSE NANOSTRUCTURES IN A COMPOSITE MATERIAL

Patent Period Started From and Will end on

(57) A method of making a nanostructure-reinforced composite comprises providing matrix particles in a reactor; where the matrix particules being a first metal and having a size of about 0.5 um to about 500 um fluidizing the matrix particles; introducing a nanostructure material into the reactor where the nanostructure material being a second metal and having an average size of about 0.01 nm to about 500 nm; homogeneously dispersing the nanostructure material; uniformly depositing the nanostructure material on the matrix particles to form a composite powder where the amount of the nano structure material on the matrix particles being about 0.1 wt.% to about 10wt.% based on the weight of compsite poweder; generating a nanostructure on the matrix particles from the nanostructure material; and processing the composite powder to form the nanostructure-reinforced composite having a matrix formed from the matrix particles. The nanostructures are evenly distributed in the matrix of the nanostructure-reinforced composite.



PCT

- (22) 03/09/2014
- (21) 1398/2014
- (44) August 2018
- (45) 23/10/2018
- (11) 29010

(51)	Int. Cl. 8 A61F 2/04 & A61L 27/58, 27/18
(71)	1. Sambusseti, Antonio (ITALY) 2. 3.
(72)	1. Sambusseti, Antonio 2. 3.
(73)	1. 2.
(30)	1. (IT) MI2012A000380 - 12-03-2012 2. (PCT/EP20013/054538) - 06-03-2013 3.
(74)	MAHMOD RAGAEY
(12)	Patent

(54)	IMPROVED ABSORBABLE CAP FOR BLADDER
	ENLARGEMENT IN PATIENTS WITH LOW COMPLIANCE OR
	FOR THE REPLACEMENT OF A VAST PORTION OF BLADDER
	FOLLOWING BILHARZIA

Patent Period Started From 06/03/2013 and Will end on 05/03/2020

(57) A description is given of a domed cap for the enlargement of an atrophied bladder, in biocompatible and absorbable material comprising a textile made with yarns or with monofilaments deriving from PGA fibres, characterised in that said textile is supported by a star-shaped frame with domed profile, formed by a plurality of radial strips manufactured by injection of a PGA/PLA copolymer, said cap being suitable for growing thereon autologous fibrous capsule cells, generated by the process of tissue reconstruction, after its insertion inside the patient



PCT

- (22) 13/12/2009
- (21) 1816/2009
- (44) July 2018
- (45) 29/10/2018
- (11) | 29011

(51)	Int. Cl. 8 C07D 241/44, 471/04 & A01N 13/00	43/60, 43/653, 43/66, 43/80, 43/84, 43/90, 47/02 & A01P
(71)	1. KUMIAI CHEMICAL INDUSTRY (2. 3.	CO (JAPAN)
(72)	 TAMAI, Ryuji ITO, Minoru KOBAYASHI, Masami 	4. MITSUNARI, Takashi 5. NAKANO, Yuki
(73)	1. 2.	
(30)	1. (JP) 2007-201387 - 01-08-2007 2. (PCT/JP2008/002055) - 31-07-2008 3.	
(74)	MAHMOD RAGAEY	
(12)	Patent	

(54) OXOPYRAZINE DERIVATIVE AND HERBICIDE Patent Period Started From 31/07/2008 and Will end on 30/07/2028

(57) Disclosed is an oxopyrazine derivative having excellent herbicidal activity, while exhibiting high safety for useful crops, or a salt thereof. Also disclosed is a herbicide containing such an oxopyrazine derivative or a salt thereof. Specifically disclosed is an oxopyrazine derivative represented by the general formula [I] below or a salt thereof. Also specifically disclosed is a herbicide containing any one of the compounds. (In the formula, X1 represents an oxygen atom or a sulfur atom; X2 represents CH or N(O)m, wherein m represents an integer of 0 or 1; R1 represents a hydrogen atom, a C1-C12 alkyl group or the like; R2 represents a halogen atom, a cyano group or the like; R3 represents a hydroxyl group, a halogen atom or the like; A1 represents C(R4R5); A2 represents C(R6R7) or C=O; A3 represents C(R8R9); and R4-R9 each represents a hydrogen atom or an alkyl group.)-La pr?sente invention concerne un d?riv? d"oxopyrazine poss?dant une excellente activit? herbicide, tout en pr?sentant une s?curit? ?lev?e pour les cultures utiles, ou l"un de ses sels.



PCT

- (22) 18/05/2014
- (21) 0794/2014
- (44) May 2018
- (45) 29/10/2018
- (11) 29012

(51)	Int. Cl. ⁸ B65D 41/04, 53/04	
(71)	 Tetra Laval Holdings & Finance S.A Description 	
	3.	
(72)	1. Johansson, Goran	4. Stillerud, Lennart
()	2. Rydberg, Par	
	3. Hakansson, Bengt	
(73)	1.	
(, 0)	2.	
(30)	1. (SE) 1151098-9 - 18-11-2011	
(00)	2. (PCT/EP2012/072868) - 16-11-2012	
	3.	
(74)	MAHMOD RAGAEY	
(12)	Patent	

(54) A MEMBRANE, AND A NECK INCLUDING SUCH MEMBRANCE Patent Period Started From 16/11/2012 and Will end on 15/11/2032

Disclosed are an anonymous communication system and a transmission method of an information transmission unit in the anonymous system. The method includes: after receiving an information transmission unit sent by a sending party, storing the information transmission unit in a storage pool, inserting the information transmission unit into a preset ordering queue, and generating more than one piece of index information according to content of the information transmission unit and information of the sending party; setting more than one index matching information of a receiving party; according to the index matching information of the receiving party, inquiring index information of the storage pool, finding out an information transmission unit set which meets the index matching information, selecting one information transmission unit from the set according to an ordering situation of each information transmission unit in the set in the ordering queue and a preset delivery strategy, delivering the information transmission unit to the receiving party, and adjusting the ordering queue according to a delivery situation. By means of the present disclosure, the degree of association between the receiving party and the content of the information transmission unit as well as the sending party can be improved, and the user response rate and activity can be improved.



PCT

- (22) 23/05/2016
- (21) 0853/2016
- (44) July 2018
- (45) 29/10/2018
- (11) | 29013

(51)	Int. Cl. 8 A47L 9/06
(71)	1. CRYSTAL LAGOONS (CURACAO) B.V (Netherland) 2.
	3.
(72)	1. FISCHMANN TORRES, Fernando Benjamin
	2. PRIETO DOMINGUEZ, Jorge Eduardo
	3.
(73)	1.
	2.
(30)	1. (PCT/IB2014/065981) - 12-11-2014
` /	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SUCTIONING DEVICE FOR LARGE ARTIFICIAL WATER BODIES Patent Period Started From 12/11/2014 and Will end on 11/11/2034

(57) The present invention relates to a flexible suctioning device for suctioning floes from the bottom of large artificial water bodies with surfaces larger than 10,000 m and with bottoms covered with plastic liners that do not have centralized filtration systems, and that is able to clean a bottom surface of large artificial water bodies at a surface cleaning rate of 325,000 ft 2 per 24 hours (30,000 m² per 24 hours) or more, where the bottom surface of the large artificial water bodies can be irregular and sloped, and where the suctioning device is reversible and is supported by a plurality of brushes, comprising first brushes, disposed to provide appropriate support to the suction device and minimize the dispersion and re-suspension of settled floes. The suctioning device is designed in order to concentrate the suction power in a series of suction points, where the suctioning device is connected to an external filtration system that may not be attached to the suctioning device.



PCT

(22) 04/07/2016

(21) 1125/2016

(44) July 2018

(45) 29/10/2018

(11) 29014

(51)	Int. Cl. 8 A47B 47/00 & F16B 12/10
(71)	1. VALINGE INNOVATION AB (SWEDEN) 2. 3.
(72)	1. BOO, Christian 2. 3.
(73)	1. 2.
(30)	1. (SE) 1450018-5 - 10-01-2014 2. (PCT/SE2014/051522) - 17-12-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	A FURNITURE PANEL
	Patent Period Started From 17/12/2014 and Will end on 16/12/2034

(57) A furniture panel 8 is provided, in which a first element 8a and a second element 8b that are mechanically locked together. A first tongue is provided at a first edge of the first element, the first tongue cooperating with a first tongue groove provided at a second edge of the second element for locking the first and second elements in a vertical direction, and a second tongue at the second edge of the second element, the second tongue cooperating with a second tongue groove at the first edge of the first element for locking the first and second elements in the vertical direction. A first pair of locking surfaces is provided above the second tongue and the second tongue groove for locking in a horizontal direction, and a second pair of locking surfaces is provided below the first tongue and the first tongue groove for locking in the horizontal direction.



PCT

- (22) 08/10/2012
- (21) 1724/2012
- (44) August 2018
- (45) 29/10/2018
- (11) | 29015

(51)	Int. Cl. 8 G10L 19/00, 19/06	
(71)	 FRAUNHOFER-GESELLSCHAFT Z FORSCHUNG E.V. (GERMANY) 	ZUR FORDERUNG DER ANGEWANDTEN
(72)	 ROBILLIARD, Julien DISCH, Sascha RETTELBACH, Nikolaus EDLER, Bernd 	5. NEUSINGER, Matthias6. HILPERT, Johannes7. HELMRICH, Christian
(73)	1. 2.	
(30)	1. (US) 61/323,683 - 13-04-2010 2. (PCT/EP2011/052354) - 17-02-2011 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) AUDIO OR VIDEO ENCODER, AUDIO OR VIDEO DECODER AND RELATED METHODS FOR PROCESSING MULTI

Patent Period Started From 17/02/2011 and Will end on 16/02/2031

An audio or video encoder and an audio or video decoder are based on a combination of two audio or video channels to obtain a first combination signal as a mid signal and a residual signal which can be derived using a predicted side signal derived from the mid signal. The first combination signal and the prediction residual signal are encoded and written into a data stream together with the prediction information derived by an optimizer based on an optimization target and a prediction direction indicator indicating a prediction direction associated with the residual signal. A decoder uses the prediction residual signal, the first combination signal, the prediction direction indicator and the prediction information to derive a decoded first channel signal and a decoded second channel signal. In an encoder example or in a decoder example, a realto-imaginary transform can be applied for estimating the imaginary part of the spectrum of the first combination signal. For calculating the prediction signal used in the derivation of the prediction residual signal, the real-valued first combination signal is multiplied by a real portion of the complex prediction information and the estimated imaginary part of the first combination signal is multiplied by an imaginary portion of the complex prediction information.



PCT

- (22) 01/08/2016
- (21) 1265/2016
- (44) August 2018
- (45) 29/10/2018
- (11) 29016

(51)	Int. Cl. 8 G06K 7/10, 7/14
(71)	1. SAINT-GOBAIN GLASS (FRANCE) 2. 3.
(72)	 PERROTTON, Cédric BROCARD, Nathanael 3.
(73)	1. 2.
(30)	1. (FR) 1451030 - 11-02-2014 2. (PCT/FR2014/053482) - 19-12-2014 3.
(74)	NAHED WADIH RIZK
(12)	Patent

DEVICE FOR READING AN IDENTIFICATION CODE ON A MOVING GLASS SHEET

Patent Period Started From 19/12/2014 and Will end on 18/12/2034

(57) The device comprises: a light; a camera configured to acquire at least one image of at least one part of the symbol, the moving substrate being illuminated by the light; a computer connected to the camera and configured so that it can perform an image processing step in which the acquired image is processed by the computer and decoded. The camera used is linear and the light is of the dark-field type. In addition, the device is configured to perform multiple acquisitions of images of different parts of the symbol using the linear camera, prior to the processing step performed by the computer.



PCT

(22) 06/04/2016

(21) 0601/2016

(44) July 2018

(45) 31/10/2018

(11) 29017

(51)	Int. Cl. 8 C10L 3/08
(71)	1. Lummus Technology Inc (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. KUMAR, Ayyalasomayajula
	2. HUEBEL, Robert
	3. MALSAM, Michael
(73)	1.
. ,	2.
(30)	1. (US) 61/888,901 - 09-10-2013
()	2. (PCT/US2014/059682) - 08-10-2014
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54)	SPLIT FEED ADDITION TO ISO-PRESSURE OPEN
	REFRIGERATION LPG RECOVERY
	Patent Period Started From 08/10/2014 and Will end on 07/10/2034

(57) A process is disclosed herein for recovery of natural gas liquids from a feed gas stream, comprising forming a first portion of the feed gas stream and a second portion of the feed gas stream, wherein the mass ratio of the first portion to the second portion is in the range of 95:5 to 5:95, cooling the first portion in a heat exchanger and at least partially condensing the first portion, and feeding the second portion and the cooled and at least partially condensed first portion to a distillation column wherein lighter components are removed from the distillation column as an overhead vapor stream and heavier components are removed from the distillation column in the bottoms as a product stream, and wherein the second portion is fed into the distillation column at a point one or more vapor-liquid equilibrium stages below the first portion, thereby allowing mass transfer exchange between liquids of the cooled second portion and vapors of the second portion within the column. A corresponding apparatus is also disclosed.



PCT

- (22) 17/04/2016
- (21) 0665/2016
- (44) July 2018
- (45) 31/10/2018
- (11) 29018

(51)	Int. Cl. 8 E21B 7/12
(71)	1. Eni S.P.A. (ITALY)
	2. 3.
(72)	1. MOLASCHI, Claudio
	2. MALIARDI, Alberto
	3. FERRARA, Paolo
(73)	1.
(-)	2.
(30)	1. (IT) MI2013A 001733 - 17-10-2013
(00)	2. (PCT/IB2014/065379) - 16-10-2014
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) PROCESS FOR CONSTRUCTING A WELL FOR EXPLOITING A RESERVOIR UNDER A SEA-BED OR OCEAN-BED

Patent Period Started From 16/10/2014 and Will end on 15/10/2034

(57) A process for constructing a well for exploiting an oil or gas reservoir, comprising the following operations: (A) drilling a formation submerged by a water head, at least 3, 600 meters deep or more, reaching the formation from the surface of the water with a drilling riser, and a drilling tool which passes internally through the drilling riser; and evacuating through the drilling riser at least one of the circulating drilling fluid, the oil or natural gas coming from the formations and the resulting drilling materials. The drilling riser has an external diameter equal to or smaller than 17 inches and reaches a wellhead having an internal diameter equal to or smaller than 18.75 inches, and positioned in correspondence with or close to the seabed submerged which covers the formation.



PCT

- (22) 04/04/2012
- (21) 0627/2012
- (44) August 2018
- (45) 31/10/2018
- (11) 29019

(51)	Int. Cl. 8 C07D 213/80, 213/803 & C07C 211/45, 211/64
(01)	
(71)	1. ALMIRALL, S.A (SPAIN)
, ,	2.
	3.
(72)	1. BOIX BERNARDINI, Maria, Carmen
	2.
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(73)	1.
	2.
(30)	1. (EP) 09382212.0 - 16-10-2009
	2. (PCT/EP2010/006283) - 14-10-2010
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) PROCESS FOR MANUFACTURING 2-[(3,5-DIFLUORO-3'-METHOXY-1,1'-BIPHENYL-4-YL)AMINO]NICOTINIC ACID Patent Period Started From 14/10/2010 and Will end on 13/10/2030

(57) This invention is directed to a process for manufacturing 2-[(3,5-difluoro-3'-methoxy-1,1' biphenyl-4-yl)amino]nicotinic acid, which comprises the steps of: a) providing 3,5-difluoro-3'-methoxybiphenyl-4-amine, b) preparing and isolating an aminium salt of the 3,5-difluoro-3'-methoxybiphenyl-4-amine, and c) further reacting the aminium salt of 3,5-difluoro-3'-methoxybiphenyl-4-amine obtained in b) to obtain 2-[(3,5-difluoro-3'-methoxy-1,1'-biphenyl-4-yl)amino]nicotinic acid.



PCT

- (22) 03/03/2010
- (21) 0349/2010 D3
- (44) August 2018
- (45) 31/10/2018
- (11) 29020

(51)	Int. Cl. 8 A61F 13/15, 13/49, 13/496
(71)	1. UNI-CHARM CORPORATION (JAPAN) 2. 3.
(72)	1. MAEDA, Yuki 2. TANJI, Hiroyuki 3. TAKINO, Shunsuke
(73)	1. 2.
(30)	1. (JP) 2007-230639 - 05-09-2007 2. (JP) 2007-230640 - 05-09-2007 3. (JP) 2007-230709 - 05-09-2007 4. (JP) 2007-230710 - 05-09-2007 5. (JP) 2007-232015 - 06-09-2007 6. (PCT/JP2008/065904) - 03-09-2008
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DISPOSABLE PANTS-TYPE BODY FLUID ABSORBENT WEARING ARTICLE FOR INCONTINENT PATIENT

Patent Period Started From 03/09/2008 and Will end on 02/09/2028

(57) The present invention aims to improve the pants-type wearing article of prior art so that leak of body fluids otherwise occurring beyond the leg-openings can be reliably prevented even if the waist region of the wearing article slip down after the diaper has been put on the wearer's body. In a disposable pants-type wearing article, a body fluid absorbent panel provided in a crotch region extends in a longitudinal direction A and is fixed to a sheet member defining inner surfaces of front and rear waist regions. The body fluid absorbent panel is formed along its opposite side edges with flaps and free edges of the respective flaps are provided with crotch region elastic members attached under tension thereto. The front and rear waist regions are provided along peripheral edges of leg-openings with lower elastic members attached under tension thereto. Regions of the side flaps in which the free edges of the flaps developed in a transverse direction overlap the associated lower elastic members are affixed to respective inner surfaces of the front and rear waist regions.



PCT

- (22) 25/02/2016
- (21) 0307/2016
- (44) August 2018
- (45) 31/10/2018
- (11) 29021

(51)	Int. Cl. 8 D21H 13/40 & E04C 2/04
(71)	1. SAINT-GOBAIN PLACO SAS (Franc) 2.
	3.
(72)	1. LELOGEAY, Sophie
, ,	2.
	3.
(73)	1.
(-)	2.
(30)	1. (EP) 13290205.7 - 30-08-2013
(00)	2. (PCT/EP2014/068416) - 29-08-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) REINFORCED GYPSUM BOARD HAVING IMPROVED FIRE RESISTANCE

Patent Period Started From 29/08/2014 and Will end on 28/08/2034

(57) A gypsum board has two opposed faces, and a fibrous mat being embedded in one of the faces of the board. The fibrous mat comprises fibres that are bound by a polymeric binder. The length of the fibres is greater than 20 mm, and the diameter is greater than 14 micron. The polymeric binder is substantially formaldehyde-free. The fibrous mat achieves fire resistance in the gypsum board without the need to incorporate flame retardants into the binder, as well as providing flexural strength.



PCT

- (22) 25/12/2012
- (21) 2132/2012
- (44) July 2018
- (45) 31/10/2018
- (11) 29022

(51)	Int. Cl. 8 B01J 8/00,8/02, 8/04 & B01D 53/32, 63/06 & C01C 1/04
(71)	1. AMMONIA CASALE S.A. (Switzerland)
	2. 3.
(72)	1. PANZA, Sergio 2.
	3.
(73)	1. 2.
(30)	1. (EP) 10168010.6 - 30-06-2010 2. (PCT/EP2011/059655) - 10-06-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A PROCESS AND A REACTOR FOR SELECTIVE REMOVAL OF A PRODUCT FROM A GASEOUS SYSTEM

Patent Period Started From 10/06/2011 and Will end on 09/06/2031

(57) A process for selective removal of a gaseous product (P) from a gaseous system comprising said product and other components (R1, R2), wherein the gaseous system is admitted to a first environment, which is separated from a second environment by a boundary wall, and a permeation membrane forms at least part of said boundary wall; a spatially non-uniform electric field is generated between a first electrode or first plurality of electrodes located in the first environment and a second electrode or second plurality of electrodes located in the second environment, so that field lines of said non-uniform electric field cross said membrane, and a dielectrophoretic force generated on particles of said gaseous component (P) is at least part of a driving force of the permeation through said membrane, an amount of said product (P) being selectively removed from the first environment and collected in the second environment.



PCT

- (22) 01/10/2015
- (21) 1593/2015
- (44) May 2018
- (45) 31/10/2018
- (11) 29023

(51)	Int. Cl. 8 A01G31/00 & A01G1/00& A01G	G7/00
(71)	 MITSUI CHEMICALS, INC (JAPAN PHYTOCULTURE CONTROL CO., 3 	·
(72)	 MATSUNO, Hirozumi TANAKA, Kunisuke SUZUMURA, Daisuke 	4. HASEGAWA, Ryo
(73)	1. 2.	
(30)	1. (JP) 2013-077949 - 03-04-2013 2. (PCT/JP2014/059849) - 03-04-2014 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) PLANT CULTIVATION SYSTEM, CULTIVATION METHOD UTILIZING SAME AND MANUFACTURING METHOD THEREFOR Patent Period Started From 03/04/2014 and Will end on 02/04/2034

(57) The purpose of the present invention is to provide: a plant cultivation system, which efficiently supplies factors necessary for plant growth to a plant cultivation material for providing a cultivation environment that promotes plant growth by supplying the factors necessary for plant growth; a cultivation method utilizing same; and a manufacturing method therefor. The present invention provides a plant cultivation system obtained from a combination of: a plant cultivation material for providing a cultivation environment that promotes plant growth by supplying factors necessary for plant growth; and a container charged with water and a liquid such as a nutrient solution or agricultural chemical, or a liquid-supplying tank, charged with water and a liquid such as a nutrient solution or agricultural chemical, and a tube.

Arab Republic of Egypt

Ministry of State for Scientific Research Academy of Scientific Research & Technology



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN NOVEMBER 2018"

Egyptian Patent Office

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Preface

We are on the verge of a new era which is founded on the basis of technological development and hence, we have to follow it in all fields of national development. Technology has become the basis for the increase in national income and production and hence, scientific research has become our real hope as a way for advancement and as a necessity for life.

Emerging from the responsibility of the Academy of Scientific Research and Technology towards strengthening the pillars of science and technology, I have the pleasure to introduce the Granted Patent's Abstracts of the Publication of Patents monthly, Which includes bibliographical data. This periodical is directed to all those interested in the vital field of Intellectual property which encompasses patents, innovations and creative works.

I hope that this publication meets its targeted objective, namely increasing the welfare, prosperity and advancement for our beloved country, Egypt.

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

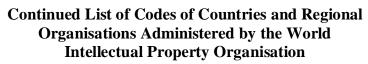
Bibliographic data

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Patent Kind	12
Application Number	21
Filing Date	22
Priority Number	
Priority Date	30
Priority Country	
Issuance Date	45
International Patent Classification	51
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Applicant Name	71
Inventor Name	72
Patentee Name	73
Patent Attorney Name	74



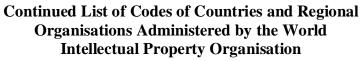
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IE	Ireland



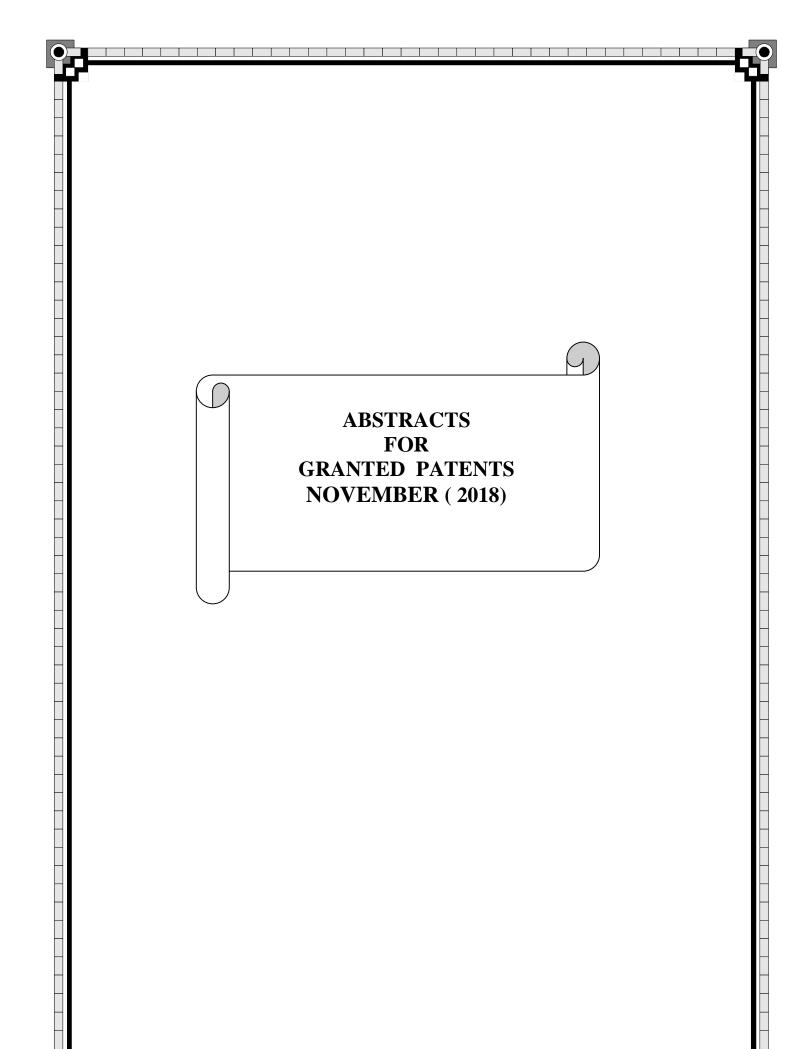
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SA	Saudi Arabia



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TT	Trindad and Topago
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UY	Uruguay
UZ	Uzbekistan
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VE	Venezuela
VN	Viet Nam
YD	Yemen
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe





PCT

- (22) 22/07/2014
- (21) | 1212/2014
- (44) September 2018
- (45) 04/11/2018
- (11) 29024

(51)	Int. Cl. 8 G01N 1/26, 30/06
(71)	1. SGS NORTH AMERICA INC (UNITED STATES OF AMERICA) 2. 3.
(72)	 KRIEL, Wayne A IBARRA, Mario A LATAIRE, Sven
(73)	1. 2.
(30)	1. (US) 61/591,809 - 27-01-2012 2. (PCT/US2013/023220) - 25-01-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) AN APPARATUS INCLUDING A GAS CHROMATOGRAPH FOR COLLECTING COMPOSITE SAMPLE OF FLUIDS

Patent Period Started From 25/01/2013 and Will end on 24/01/2033

(57) An apparatus comprising: an inlet configured to receive a portion of a fluid flowing through a conduit; a valve coupled to the inlet; a pump coupled to the valve; a vessel coupled to the valve; and a gas chromatograph coupled to the valve, and further comprising a controller operatively coupled to the valve, the pump, and the gas chromatograph and configured to control collection of the two or more discrete samples of the fluid in the vessel, wherein the apparatus collects a composite sample in the vessel, the composite sample comprising two or more discrete samples of the fluid, each of the discrete samples collected at a selected interval from at least one other discrete sample and having a selected volume, and wherein the interval is based on an elapsed time between the discrete samples or on the volume of fluid flow through the conduit.



PCT

- (22) 17/06/2015
- (21) 1011/2015
- (44) November 2018
- (45) 04/11/2015
- (11) 29025

(51)	Int. Cl. 8 F16B 5/02, 37/12, 33/00
(71)	1. THALES (FRANCE)
. ,	2.
	3.
(72)	1. BORRAT-MICHAUD, Pierre
	2. RETAILLEAU, Xavier
	3. JOUET, Pierre
(73)	1.
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(30)	1. (FR) 1203476 - 19-12-2012
()	2. (PCT/EP2013/076769) - 16-12-2013
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SEALING VALVE FOR AN ATTACHMENT SYSTEM Patent Period Started From 16/12/2013 and Will end on 15/12/2033

- (57) A sealed attachment device, for attaching a first element to a second element characterised in that it comprises at least:
 - a first portion intended to hold the first element in place, comprising, at one end, a flat portion and a thread,
 - A second portion intended to be inserted into an opening of the second element comprising at least:
 - a hollow element having an inner wall provided with a thread corresponding to the thread, a shoulder,
 - a sliding barrel having dimensions matched to the dimensions of the inner wall of the hollow element and a wall against which the portion comes to bear, said barrel comprising a shoulder that matches the shoulder of the hollow element in order to hold the barrel in position,
 - a means for moving the sliding barrel in the hollow element under the effect of the action of the first portion.



PCT

- (22) 23/05/2010
- (21) 0849/2010
- (44) October 2018
- (45) 04/11/2018
- (11) 29026

(51)	Int. Cl. ⁸ H03M 13/19	
(71)	1. SONY CORPORATION (JAPAN) 2.	
	3.	
(72)	1. OKADA, Satoshi	4. IKEGAYA, Ryoji
()	2. YAMAMOTO, Makiko	
	3. YOKOKAWA, Takashi	
(73)	1.	
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(30)	1. (JP) 2007-304689 – 26-11-2007	
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	4. (JP) 2008-185605 - 17-07-2008	
	5. (JP) 2008-284352 - 05-11-2008	
	6. (PCT/JP2008/071400) - 26-11-2008	
(74)	Nahed Wadih RizK	
(12)	Patent	

(54) DATA PROCESSING DEVICE AND DATA PROCESSING METHOD Patent Period Started From 26/11/2008 and Will end on 25/11/2028

(57) Provided are a data processing device and a data processing method that are configured to improve a tolerance to a data error. A demultiplexer (25) conforms to an allocation rule to allocate code bits of an LDPC code to symbol bits for the expression of symbols, wherein code bits of mb bits are replaced and code bits after the replacement are set as symbol bits of b symbols. When m is 12 and b is 1, for instance, if the code bits with 12 x 1 bits and the (i+1)-th bit from the most significant bit of the symbol bits of 12 x 1 bits in one symbol are bits bi and yi, respectively, the following replacement is carried out by allocating, for example, b0 to y8, b1 to y0, b2 to y6, b3 to y1, b4 to y4, b5 to y5, b6 to y2, b7 to y3, b8 to y7, b9 to y10, b10 to y11, and b11 to y9, respectively. The present invention can be applied to a transmission system or the like to transmit the LDPC code, for instance.



PCT

- (22) 28/11/2016
- (21) 1937/2016
- (44) July 2018
- (45) |04/11/2018
- (11) 29027

(51)	Int. Cl. 8 C05C 9/00 & C07C 273/14 & A231	K 1/22 & C05G 3/00 & B01J 2/30
(71)	 THYSSENKRUPP.AG (GERMANY) Uhde Fertilizer Technology B.V. (NETHERLAND) 3. 	
(72)	 KRAWCZYK, Thomas POTTHOFF, Matthias VANMARCKE, Luc 	4. BIJPOST, Erik Alexander 5. MASLOW, Alexander
(73)	1. 2.	
(30)	1. (DE) 10 2014 108 703.8 - 20-06-2014 2. (PCT/EP2015/063599) - 17-06-2015 3.	
(74)	NAHID WADI RIZK TARAZI	
(12)	Patent	

(54) UREA COMPOSITION AND METHOD FOR PRODUCING SAME Patent Period Started From 17/06/2015 and Will end on 16/06/2035

The invention relates to a particulate urea-containing composition, to a method and a device for producing same, to the use thereof as fertilizer, as technical urea, or as a feed additive, and to the use of an additive for producing a particulate urea-containing composition. The particulate composition contains (i) urea and an additive comprising one or both of the components (ii) and (iii): wherein (ii) is a combination of at least one group-containing polymer or oligomer and at least one functionalized polyvinyl compound; (iii) is at least one aliphatic C2-C8 dialdehyde; and the weight proportion of the component (i) is > 60 wt.% and the weight proportion of the sum of the components (ii) and (iii) in the composition is < 1 wt.%. The additive can also comprise a component (iv): wherein (iv) is at least one compound selected from the group of aliphatic dicarboxylic acids, the salts and anhydrides thereof, aliphatic tricarboxylic acids, the salts anhydrides thereof, aromatic dicarboxylic acids, the salts and anhydrides thereof, and aldehyde acids, and the salts and anhydrides thereof, and the weight proportion of the component (i) is > 60 wt.% and the weight proportion of the sum of the components (ii), (iii), and (iv) in the composition is < 1 wt.%.



PCT

- (22) 20/02/2012
- (21) 0296/2012
- (44) August 2018
- (45) 05/11/2018
- (11) 29028

(51)	Int. Cl. ⁸ E21B 43/04, 43/08, 33/12, 34/06	
(71)	1. BAKER HUGHES INCORPORATED (UNI 2. 3.	TED STATES OF AMERICA)
(72)	 CORONADO, Martin, P CLEM, Nicholas, J KITZMAN, Jeffery, D 	EDWARDS, Jeffry, S
(73)	1. 2.	
(30)	1. (US) 12/553,458 - 03-09-2009 2. (PCT/US2010/046575) - 25-08-2010 3.	
(74)	NAHID WADI RIZK TARAZI	
(12)	Patent	

(54) A WELL TREATMENT METHOD FOR SQUEEZING AND GRAVEL PACKING

Patent Period Started From 25/08/2010 and Will end on 24/08/2030

(57) A well treatment method for squeezing and gravel packing, comprising running in an outer assembly that comprises a packer, an outer string supported by said packer and leading to at least one screen and further comprising at least one outer exit port between said packer and said screen. Supporting said outer assembly with an inner string assembly for run in where the inner string assembly is in turn supported on a running string. Setting said packer to isolate a zone in a wellbore for said screen from said upper annulus and define a lower annulus. Defining a squeeze position for forcing fluid into the wellbore through said lower annulus, a circulate position where gravel is deposited in said lower annulus and returns come through said screen and past said packer to said upper annulus and a reverse position where gravel in said inner string above said crossover can be reversed out to the surface, providing a ported valve assembly in said inner string.



PCT

- (22) 18/07/2016
- (21) 1174/2016
- (44) August 2018
- (45) 05/11/2018
- (11) 29029

(51)	Int. Cl. ⁸ C02F 1/28	
(71)	1. HUBEI JUNJI WATER TREATMEN 2. 3.	Γ CO., LTD (CHINA)
(72)	 LIU, Lujian XU, Rong NIE, Zhongwen DONG, Jun 	4. MING, Yong5. DENG, Le6. WU, Liangjun
(73)	1. 2.	
(30)	1. (CN 22-01-2014) 201410028720.9 2. (PCT/CN2015/074678) - 20-03-2015 3.	
(74)	Amr Mofed El Deeb	_
(12)	Patent	

(54) SYSTEM AND METHOD FOR PURIFYING WASTE WATER USING POWDERED ACTIVATED CARBON

Patent Period Started From 20/03/2015 and Will end on 19/03/2035

(57) A system for purifying waste water using powdered activated carbon, comprising a carbon-adding device, a mixing and treating device, a carbon-water separation device, a backwashing device, a control system, and a power module. Also disclosed is a method for purifying waste water using powdered activated carbon. In the method, powdered activated carbon and waste water are fully mixed and delivered using a feeding pump into the carbon-water separation device for carbon-water separation. According to the difference between the water intake pressure and the water discharge pressure of the carbon-water separation device detected by a pressure controller, the backwashing device is automatically activated to backwash a hollow, microporous filter pipe. The backwashing device is turned off, and a solenoid valve at the carbon slurry outlet is turned on for carbon slurry removal, dehydration, drying, and re-activation. The system and method use simple, easily operable equipment at a low operation cost. Separated powdered activated carbon is collected and recycled. Equipment has long continuous operation capacity, and backwashing is efficient.



PCT

- (22) 26/01/2016
- (21) 0131/2016
- (44) May 2018
- (45) 05/11/2018
- (11) 29030

(51)	Int. Cl. 8 C03B 5/235, 5/12, 5/183, 5/44 & I	F27B 1/08 & F23C 3/00 & F23D 14/20
(71)	1. KNAUF INSULATION (Belgium) 2. 3.	
(72)	 DEMOTT, Jerry MAROLT, Bostjan ETZKORN, Randy 	4. DUCARME, David
(73)	1. 2.	
(30)	1. (GB) 1313654.4 - 31-07-2013 2. (PCT/EP2014/066443) - 30-07-2014 3.	
(74)	NAHID WADI RIZK TARAZI	
(12)	Patent	

(54) SUBMERGED COMBUSTION MELTERS AND METHODS Patent Period Started From 30/07/2014 and Will end on 29/07/2034

(57) The present invention relates to the placement of a submerged combustion fuse in a melting chamber, which may be cylindrical, and at least five of the combustion burners submerged.



PCT

- (22) 24/04/2013
- (21) 0706/2013
- (44) **September 2018**
- (45) 05/11/2018
- (11) 29031

(51)	Int. Cl. 8 A01N 43/40, & A01P 13/00
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. MCVEIGH-NELSON, Andrea
	2. MANN, Richard
	3.
(73)	1.
, ,	2.
(30)	1. (PCT/US2010/054232) - 27-10-2010
()	2.
	3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING FLUROXYPYR AND QUINCLORAC Patent Period Started From 27/10/2010 and Will end on 26/10/2030

(57) An herbicidal synergistic mixture of fluroxypyr and quinclorac provides improved post-emergence weed control in rice, cereal and grain crops, pastures, rangelands, IVM and turf.



PCT

(22) 03/05/2010

(21) 0721/2010

(44) July 2018

(45) 06/11/2018

(11) 29032

(51)	Int. Cl. 8 A01P 3/00 & A01N 43/10, 43/40, 43/56, 35/04, 37/06, 37/24, 37/32, 37/34, 37/38, 37/50,
	37/52, 43/16, 43/30, 43/36
(71)	1. ISHIHARA SANGYO KAISHA, LTD.(JAPAN)
	2.
	3.
(72)	1. TSUKUDA, Shintaro
	2. MITANI, Shigeru
	3.
(73)	1.
. ,	2.
(30)	1. (JP) 2007-287699 - 05-11-2007
()	2. (PCT/JP2008/069392) - 20-10-2008
	3.
(74)	SOHAIR, SAMIA, SALWA
(12)	Patent

(54) FUNGICIDAL COMPOSITION AND METHOD FOR CONTROLLING NOXIOUS FUNGI Patent Period Started From 20/10/2008 and Will end on 19/10/2028

(57) A fungicidal composition is provided. A fungicidal composition comprising synergistically effective amounts of (a) a carboxylic acid amide derivative of the formula (I) or its salt: wherein B is a heterocyclic group which may be substituted; each of R1 and R2 which are independent of each other, is alkyl; X is halogen, alkyl or alkoxy; and n is an integer of from 0 to 5, and (b) at least one fungicidal compound selected from the group consisting of an azole compound, an anilinopyrimidine compound, a triazolopyrimidine compound, a strobilurin compound, an N-halogenothioalkyl compound, a pyridinamine compound, a bicarbonate, an inorganic sulfur compound, a dithiocarbamate compound, an organic chlorine compound, a dicarboxyimide compound, an amine compound, a phenylpyrrole compound, a benzophenone compound, a dinitrobenzene compound, a piperidine compound, a morpholine compound, etc.

$$(X)_h = \begin{bmatrix} R^1 & R^2 & O \\ N & H \end{bmatrix}$$
 (I)

10



PCT

- (22) 18/06/2012
- (21) 1121/2012
- (44) November 2018
- (45) 12/11/2018
- (11) 29033

(51)	Int. Cl. 8 H04W 72/04
(71)	1. TELEFONAKTIEBOLAGET L M ERICSSON (SWEDEN) 2. 3.
(72)	1. LINDBOM, Lars 2. JONGREN, George 3. PARKVALL, Stefan
(73)	1. 2.
(30)	1. (US) 61/411,693 - 09-11-2010 2. (PCT/SE2011/050373) - 31-03-2011 3.
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) METHOD AND ARRANGEMENT FOR REPORTING CHANNEL STATE INFORMATION IN A TELECOMMUNICATION SYSTEM Patent Period Started From 31/03/2011 and Will end on 30/03/2031

(57) A method and an arrangement in a user equipment for reporting Channel State Information, CSI, and a method and an arrangement in a base station for obtaining CSI are provided. The user equipment is in connection with the base station in a cellular communication network. After receiving a receiving a grant in a subframe n to be used for CSI reporting, from the base station, the user equipment determines subframe type of a subframe n+p. The user equipment then reports to the base station, CSI reflecting channel conditions in the subframe type of subframe n+p. p is a variable value.

agents.



PCT

- (22) 17/07/2008
- (21) | 1208/2008
- (44) July 2018
- (45) 14/11/2018
- (11) 29034

(51)	Int. Cl. 8 C08K 5/05 & C08F 8/34
(71)	1. ALLEXCEL, INC (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. DIWAN, ANIL
	2. onton,ann,louise
	3. Tatake,jayant,g
(73)	1,
, ,	2.
(30)	1. (US) PCT/US2006/001820 - 19-01-2006
()	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SOLUBILIZATION AND TARGETED DELIVERY OF DRUGS WITH SELF-ASSEMBLING AMPHIPHILIC POLYMERS Patent Period Started From 19/01/2006 and Will end on 18/01/2026

(57) There are provided amphiphilic biodegradable copolymers comprising a hydrophilic backbone with pendant aliphatic groups as the hydrophobic component. The polymers form nanoscale molecular aggregates in aqueous environments, which have hydrophobic interiors that are capable of solubilizing insoluble organic compounds such as drugs, vitamins, dyes, and imaging agents. The polymers optionally feature reactive functional groups that provide attachment points for antibodies, ligands, and other targeting moieties useful for the targeted delivery of drugs and imaging



PCT

- (22) 14/07/2009
- (21) 1078/2009
- (44) May 2018
- (45) | 14/11/2018
- (11) 29035

(51)	Int. Cl. 8 A01N 65/00, 43/90, 43/30, 25/04, 25/02 & A01P 5/00
(71)	1. ARCHER-DANIELS-MIDLAND COMPANY (UNITED STATES OF AMERICA)
, ,	2.
	3.
(72)	1. BASEETH, Shireen, S.
	2.
	3.
(73)	1.
(-)	2.
(30)	1. (US) 60/885,970 - 22-01-2007
(50)	2. (PCT/US2008/051663) - 22-01-2008
	3.
(74)	MAHMOUD RAGAEY ELDEKY
(12)	Patent

(54) WATER DISPERSIBLE COMPOSITIONS AND METHODS OF USING THE WATER DISPERSIBLE COMPOSITIONS Patent Period Started From 22/01/2008 and Will end on 21/01/2028

(57) Described herein are compositions comprising a nematicide intermixed with lecithin and a co-surfactant that form stable dispersions in water. Also disclosed are methods of controlling nematodes in soil by application of such compositions.



PCT

- (22) 25/02/2016
- (21) 0306/2016
- (44) APRIL 2018
- (45) 18/11/2018
- (11) 29036

(51)	Int. Cl. 8 D06B 5/26
(71)	1. INDUSTRIEFARBEREI, FASERVEREDLUNG UND FASERAUSRÜSTUNG WILHELM 2. PLACK, INH. LUDWIG PLACK E.K (GERMANY) 3.
(72)	1. Ludwig Plack 2. 3.
(73)	1. 2.
(30)	1. (DE) 10 2013 109 482.1 - 30-08-2013 2. (PCT/EP2014/064240) - 03-07-2014 3.
(74)	ABDEL WAHAB MOUSTAFA KAMAL
(12)	Patent

(54) WET TREATMENT DEVICES, IN PARTICULAR DYEING CENTRIFUGES, AND A METHOD FOR OPERATING SUCH A DYEING CENTRIFUGE

Patent Period Started From 03/07/2014 and Will end on 29/07/2034

(57) The invention relates to a wet treatment device for the wet treatment of textile making-ups (T). For this purpose, the wet treatment device has a treatment drum which is driven about a vertical axis of rotation (A) in a direction of rotation (V) by a rotary drive. The treatment drum, which can be loaded at the top, has a drum shell arranged on the circumferential side relative to the axis of rotation (A) and having an outlet opening. The latter opens into a return line device which is arranged to be fixed against rotation and which has an annular channel enclosing the treatment drum radially and formed so as to be open in the direction of the outlet opening. In addition, the return line device has a discharge opening, which is positioned above the drum base and closer to the axis of rotation (A) than the first outlet opening. The invention further relates to a rotating treatment drum which is arranged within a pressure vessel, and to a method for the wet treatment of textile making-ups in a treatment drum, in which the liquor is led back into the center of the treatment from by a return line without using any drive.



PCT

- (22) 08/09/2015
- (21) 1428/2015
- (44) August 2018
- (45) 18/11/2018
- (11) 29037

(51)	Int. Cl. 8 B01J 21/04, 23/83, 37/02, 35/10, 27/138
(71)	1. OXY VINYLS, LP (UNITED STATES OF AMERICA) 2. 3.
(72)	1. KRAMER, Keith 2. 3.
(73)	1. 2.
(30)	1. (US) 61/798,872 - 15-03-2013 2. (PCT/US2014/030233) – 17-03-2014 3.
(74)	SMAS Intellectual Property
(12)	Patent

(54) CATALYST AND PROCESS FOR OXYCHLORINATION OF ETHYLENE TO DICHLOROETHANE

Patent Period Started From 17/03/2014 and Will end on 16/03/2034

(57) This invention is related to an oxychlorination process of the type where ethylene is converted to 1,2-dichloroethane in the presence of a supported copper catalyst, the improvement comprising: the use of a supported catalyst prepared by (1) impregnating, within a first step, an alumina support with a first aqueous solution including copper, an alkaline earth metal, and an alkali metal to thereby form a first catalyst component; and (2) impregnating, within a subsequent step, the first catalyst component with a second aqueous solution including copper and alkaline earth metal, where the second aqueous solution is substantially devoid of alkali metal, to thereby form the supported catalyst.



PCT

- (22) 19/08/2013
- (21) | 1319/2013
- (44) August 2018
- (45) 05/11/2018
- (11) 29038

(51)	Int. Cl. 8 A01G 29/00
(71)	1. SYNGENTA PARTICIPATIONS AG (SWIZERLAND) 2. 3.
(72)	 OBRIST, Gery WYSS, Peter WYSS, Peter
(73)	1. 2.
(30)	1. (US) 61/444,873 - 21-02-2011 2. (PCT/IB2012/000366) - 20-02-2012 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) APPARATUS AND METHOD FOR INJECTING LIQUID INTO A TREE

Patent Period Started From 20/02/2012 and Will end on 19/02/2032

(57) The present invention relates to apparatus and method for injecting liquid into a tree consisting of a plug and an injector, wherein the plug may be releasably mounted on a tip of a nozzle of an injector, and the injector may be pushed toward a borehole in a tree trunk so as to introduce and mount the plug in the borehole using the injector. Then, the injector may be operated to inject liquid into the borehole by way of the plug. Then, the injector may be withdrawn from the tree trunk, and the plug may remain in the borehole, such as for reuse. The plug may at least seek to function as a barrier device for both restricting contact between the borehole and the injector's nozzle, and restricting any backflow of the liquid from the borehole through the plug. The plug may include an elastic tube that functions as a check valve for restricting backflow through the plug.



PCT

(22) 30/04/2006

(21) 0413/2006

(44) July 2018

(45) 25/11/2018

(11) 29039

(51)	Int. Cl. 8 A61K 39/04, & A61P 37/04
(71)	1. ARCHIVEL TECHNOLOGIES SL (SPAIN)
	2.
	3.
(72)	1. CARDONA IGLESIAS,PERE JOAN
	2. MATA RIERA,ISABEL
	3.
(73)	1.
(10)	2.
(30)	1. (ES) P200302551 - 31-10-2003
(00)	2. (PCT/ES2004/000482) - 29-10-2004
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) IMMMUOTRAEPHIC AGENT WHICH IS USED FOR THE COMBINED TREATMENT OF TUBURCULOSIS TOGETHER WITH THE OTHER PHARMACEUTICALS

Patent Period Started From 29/10/2004 and Will end on 28/10/2024

(57) The invention relates to an immunotherpaic agent which is based on cell wall fragments from virulent strain of mycobacterium tuberculosis, to a method of obtaining said agent, to pharmacentical formulations containing same and to the use thereof for the preparation of a medicament that is intended for the combined treatment of tuberculosis together with other pharmaceuticals.



PCT

(22) |14/09/2015

(21) 1522/2015

(44) August 2018

(45) 25/11/2018

(11) 29040

(51)	Int. Cl. ⁸ B42F 15/06 & F16M 11/04
(71)	 Franklin L. Christopher (UNITED STATE OF AMIRCA) 3.
(72)	 L. Christopher Franklin 3.
(73)	1. 2.
(30)	1. (US) 61/798,054 - 15-03-2013 2. (PCT/US2014/029091) - 14-03-2014 3.
(74)	MOHAMED ABD ELAAL ABD EL ALEEM
(12)	Patent

(54) DEVICE, METHOD, SYSTEM FOR MOUNTING AN OBJECT TO A MOUNTING SURFACE

Patent Period Started From 14/03/2014 and Will end on 13/03/2034

(57) A mounting apparatus and system and method for making the same are provided. The mounting apparatus allows an object to be mounted to a mounting surface via magnetic attractions between different planes of engagement. Through the movement of planes of magnets, an object that is brought in proximity to the mounting apparatus may engage one of the magnetic planes and then be moved further to engage the other magnetic plane, with the combined magnetic force being configured to support the particular object for which the mounting apparatus is designed. The engagement and/or disengagement of the object from the mounting apparatus can thus occur in stages, by degrees, and/or in a tiered manner.



PCT

(22) 09/12/2014

(21) 1990/2014

(44) June 2018

(45) 25/11/2018

(11) 29041

(51)	Int. Cl. 8 A01N 25/26,25/14,25/32,43/40,34/7	07&A01P13/00
(71)	1. UPL LIMITED (INDIA) 2. 3.	
(72)	 SHROFF, Jaidev, Rajnikant SHROFF, Vikram, Rajnikant SHIRSAT, Rajan, Ramakant 	4. KUMAR, Ajit
(73)	1. 2.	
(30)	1. (IN) 653/KOL/2012 - 11-06-2012 2. (PCT/IB2013/054401) - 28-05-2013 3.	
(74)	COMPANY SMAS INTELLECTUAL PROP	ERTY
(12)	Patent	

(54) A HERBAL COMPOSITION AND PROCESS THEREOF Patent Period Started From 28/05/2013 and Will end on 27/05/2033

(57) A granular formulation comprising particles of at least one low melting agrochemical wherein said particles of low melting agrochemical are at least partially surface coated with an ester of a compound selected from the group comprising (a) an alkyl or aryl alkoxylate, (b) alkoxylates of fatty alcohol, (c) alkoxylates of fatty acids, (d) block co-polymers of alkyls, or ethylene oxides or propylene oxides, (e) polyaryl substituted aliphatic or aromatic alkoxylate, (f) alkoxylated polyaryl substituted phenol and their derivative and/or mixtures thereof; and a composition and kit-of-parts comprising the same



PCT

(22) 19/02/2014

(21) 247/2014

(44) May 2018

(45) 26/11/2018

(11) 29042

(51)	Int. Cl. ⁸ F41H 5/04
(71)	1. RELION protection systems AG (SWIZERLAND)
	2. 3.
(72)	1. TSCHIERSCH, Ronald
()	2. PHILLIPS, Roland
	3. MEYER, Thorsten
(73)	1.
. ,	2.
(30)	1. (DE) 01361/11 - 22-08-2011
	2. (DE) 10 2011 052 879.2 - 22-08-2011
	3. (PCT/IB2012/001627) - 22-08-2012
(74)	AMR EBRAHEM ABDALAH SALM
(12)	Patent

(54) BALLISTIC MULTILAYER ARRANGEMENT Patent Period Started From 22/08/2012 and Will end on 21/08/2032

(57) The invention relates to a ballistic layer for a ballistic multilayer arrangement. The ballistic layer is formed by an absorption layer that consists entirely or mostly of expanded glass. The invention also relates to a ballistic multilayer arrangement with a contact faceand a rear face, at least one of the layers being formed by such an absorption layer that consists entirely or mostly of expanded glass.



PCT

(22) 14/08/2014

(21) | 0247/2014

(44) August 2018

(45) 25/11/2018

(11) 29043

(51)	Int. Cl. 8 G21C 13/04 & H02G 3/22	
(71)	1. JOINT STOCK COMPANY "ATOMENERGOPROEKT (United Russia) 2. 3.	
(72)	 Marat Renadovich MUSTAFIN Aleksandr Grigoryevich GERASIMENKO Valentin Ivanovich TSAPALIKOV Nikolai Anatolyevich IVANOV 	5. Gennady Alekseevich NOVIKOV6. Arnold Borisovich TIKHOMIROV7. Ivan Mikhailovich KHAUSTOV
(73)	1. 2.	•
(30)	1. (RU) 2014107111 - 26-02-2014 2. (PCT/RU2015/000100) - 17-02-2015 3.	
(74)	AMR EBRAHEM ABDALAH SALM	
(12)	Patent	

SEALED CABLE INPUT THROUGH EXTERNAL AND INTERNAL WALLS OF NUCLEAR POWER PLANT CONTAINMENT

Patent Period Started From 17/02/2015 and Will end on 16/02/2035

The invention relates to electrical engineering namely to sealed inputs of electric circuits into the confinement area of multi-layer nuclear power plant containment. The development can be used in penetrations through external and internal walls subjected to relative mutual displacement due to seismic events or thermal expansion of walls and penetrations. The purpose of this invention is to improve operating reliability of the sealed cable input if hardbending high-voltage electrical conductors are used. This purpose is achieved by the sealed cable input through external and internal walls of the nuclear power plant containment containing an embedded connection pipe inside internal wall 1 with internally and rigidly fixed cable input. Compensation means for relative motion of cable and external wall are located in line with connection pipe 3 inside external wall. Compensation means are equipped with pipe with bellows on external end and the second similar bellows located symmetrically on the opposite end of pipe near internal surface of external wall. Loose ends of both bellows and are tapered, their internal surfaces are supporting cable output freely installed in pipe with gap in relation to internal surface of pipe. Gap between braiding over the external surface of cable and internal surface of pipe is selected based on the calculations. Gap shall be at least equal to the maximum orthographic thermal and seismic planar motion of internal wall in relation to external wall and the change of cable coaxial position in pipe.



PCT

- (22) 25/08/2013
- (21) | 1351/2013
- (44) May 2018
- (45) 26/11/2018
- (11) 29044

(51)	Int. Cl. 8 C04B 20/06, 28/14	
(71)	1. UNITED STATES GYPSUM COMPANY (UNITED STATES OF AMERICA) 2. 3.	
(72)	 VEERAMASUNENI, Srinivas YU, Qiang LUAN, Wenqi 	4. LUAN, Wenqi
(73)	1. 2.	
(30)	1. (US) 13/035,800 - 25-02-2011 2. (PCT/US2012/026595) - 24-02-2012 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54)A GYPSUM PANEL COMPRISING A SET GYPSUM CORE FORMED FROM A SLURRY COMPRISING WATER, STUCCO, AND STARCH Patent Period Started From 24/02/2012 and Will end on 23/02/2032

(57) Disclosed are a gypsum panel, an assembly containing a gypsum panel, and a method of making a gypsum panel. The gypsum panel is formed from a slurry comprising at least water, stucco, and pregelatinized starch. In some embodiments, an about 5/8 inch to 3/4 inch thick low weight, low density gypsum panel with fire resistance capabilities sufficient to provide a thermal insulation index of at least 17.0 minutes which when subjected to u419 test procedures will not fail for at least 30 minutes and, in selected embodiments, also has outstanding water resistance properties.

Arab Republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology
Egyptian Patent Office



PCT

- (22) 30/11/2016
- (21) 1951/2016
- (44) May 2018
- (45) 26/11/2018
- (11) 29045

(51)	Int. Cl. 8 A23C 9/12 & C12N 1/20 & A23C 9/123
(71)	1. CHR. HANSEN A/S (DENMARK) 2. 3.
(72)	 BROCHERET, SYLVAIN FAIVELEY, MARC BAUQUIS, ANNE-CLAIRE
(73)	1. 2.
(30)	1. (FR) 1455037 - 03-06-2014 2. (PCT/EP2015/062224) - 02-06-2015 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS FOR DIRECT INOCULATION FROM CONCENTRATED FERMENTS AND ASSOCIATED DEVICE Patent Period Started From 02/06/2015 and Will end on 19/06/2035

(57) Process for continuous inoculation of a food product, in particular a dairy product, with ferments, comprising the following steps: - so lid concentrated ferments are transformed into liquid concentrated ferments, - the transformed concentrated ferments are continuously injected into a flow of liquid to be inoculated, characterized in that the liquid concentrated ferments are transformed - by thawing frozen concentrated ferments in a temperature controlled chamber or - by rehydrating freezedried concentrated ferments.



PCT

- (22) 04/03/2012
- (21) 0389//2012
- (44) June 2018
- (45) 27/11/2018
- (11) 29046

(=1)	Tet CL 8 CO1D 2/02 2/40 9 F01V 25/00 9 C01C 1/00
(51)	Int. Cl. ⁸ C01B 3/02, 3/48 & F01K 25/00 & C01C 1/00
(71)	1. AMMONIA CASALE SA (SWIZERLAND)
(, _)	2.
	3.
(72)	1. FILIPPI, Ermanno
	2. OSTUNI, Raffaele
	3.
(73)	1.
(,,,)	2.
(30)	1. (EP) 09169330.9 - 03-09-2009
(00)	2. (PCT/EP2010/056750) - 17-05-2010
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent
(12)	Patent

(54) WASTE HEAT RECOVERY IN A CHEMICAL PROCESS AND PLANT, PARTICULARLY FOR THE SYNTHESIS OF AMMONIA Patent Period Started From 17/05/2010 and Will end on 16/05/2030

(57) A method for recovering waste heat in a process for the synthesis of a chemical product, particularly ammonia, where the product is used as the working fluid of a thermodynamic cycle; the waste heat is used to increase the enthalpy content of a high-pressure liquid stream of said product, delivered by a synthesis section, thus obtaining a vapour or supercritical product stream, and energy is recovered by expanding said vapour or supercritical stream across at least one suitable expander; the method is particularly suited to recover the heat content of the syngas effluent after low-temperature shift.



PCT

- (22) 15/04/2015
- (21) 0572/2015
- (44) | September 2018
- (45) 27/11/2018
- (11) 29047

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(51)	Int. Cl. 8 A01N 25/00, 25/12, 25/08 & A01P 15/00
(71)	1. INNOVATIVE RESEARCH AND DEVELOPMENT (INRAD) (EGYPT) 2. TAREK ABDALLAH ELTAYEB AHMED
	3. MAHMOUD HASHEM ABDEL-KADER SAYEDA SAYED AHMED ABDELSAMAD
(72)	1. TAREK ABDALLAH ELTAYEB AHMED 2. MAHMOUD HASHEM ABDEL-KADER 3. SAYEDA SAYED AHMED ABDELSAMAD
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) NATURAL FORMULA FOR AGRICULTURAL PESTS CONTROL Patent Period Started From 15/04/2015 and Will end on 14/04/2035

from a plant origin. This pesticide introduce the highest level of effectiveness and efficacy to control some of agricultural pests with highest level of human and animal safety and environmental protection. The formula of this photo-pesticide consists of 20 to 50 % of trisodium magnesium chlorophyllin or trisodium copper chlorophyllin or both and 50 to 80 % of carrier material like talc powder or any salt (calcium carbonate). The active ingredients act as photocatalyst to excite the triplet oxygen to singlet oxygen which react with pest cell components and damage the cell in a part of second in a reaction called photochemical reaction. This pesticide can be used with all pests exposed to sunlight in a direct or indirect way as the aphids and leaf-miners.



PCT

- (22) 12/01/2015
- (21) 0045/2015
- (44) | September 2018
- (45) 27/11/2018
- (11) 29048

(51)	Int. Cl. 8 B60H 1/00. 1/32
(71)	1. TATA MOTORS LIMITED (INDIA) 2. 3.
(72)	 TADIGADAPA, Suresh, Babu NAGARHALLI, Prasanna V KAPOOR, Sangeet H
(73)	1. 2.
(30)	1. (IN) 2027/MUM/2012 - 13-07-2012 2. (PCT/IB2013/055748) - 12-07-2013 3.
(74)	MAHMOUD ADEL ABDEL HAMID ISMAEIL
(12)	Patent

(54) AUTOMOTIVE CABIN ENVIRONMENT MANAGEMENT SYSTEM Patent Period Started From 12/07/2013 and Will end on 11/07/2033

(57) The present disclosure provides an automotive cabin environment management system comprising: an enclosure, a first air filer mounted on top of the enclosure, one or more air conditioning unit mounted within enclosure. The one or more air conditioning unit receives atmospheric air via the first air filter, and comprises at least one evaporative heat exchanger to generate conditioned air to be supplied to a cabin of the vehicle. A plurality of second air filters are mounted below the enclosure, wherein each of the plurality of second air filters are located on either sides of the first air filter and are fluidly communicably attached to one of the one or more air conditioning unit. Further, a plurality of connecting ducts are provided in the system for recirculating the air. At least one motorized flap is mounted within the plurality of connecting ducts to direct the air flow from said ducts into said evaporative heat exchangers in a severe mode of operation.



PCT

- (22) 21/10/2015
- (21) |1697/2015
- (44) | September 2018
- (45) 27/11/2018
- (11) 29049

(51)	Int. Cl. ⁸ C02F 1/62 & C08H 5/04 & C02F 103/02, 101/22	
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.	
(72)	 ABDEL-GHANI MOHAMED GAMAL ABULNOUR MOHAMMED HASSAN MOHAMMED SOROUR AMANY ABDEL-MONEM MOSTAFA ABDEL RAHMAN 	4. HAYAM FAHIM SHAALAN5. HEBA AHMED HANI ALI6. EMAN SAMIR SAYED ABDEL-AAL
(73)	1. 2.	
(30)	1. 2. 3.	
(74)	FOCAL POINT - National Center for Research - MAGD MOHAMED FARID – MOHAMED ZAKARIA FAHIM – N	
(12)	Patent	

(54) A METHOD FOR PREPARATION OF HYDROGEL FROM RICE STRAW CAPABLE OF REMOVING HEAVY METALS FROM AQUEOUS SOLUTIONS

Patent Period Started From 21/10/2015 and Will end on 20/10/2035

(57) A method for preparation of hydrogel from rice straw .The prepared hydrogel is capable of removing heavy metals from aqueous solutions. The method includes preliminary treatment by washing ,drying ,fine grinding and soaking in dilute acid solution followed by microwave . The preliminary treated straw is then treated under controlled conditions with acrylonitrile with a catalyst followed by treatment with caustic soda. The resulting hydrogel is precipitated, filtered and washed with alcohol and dried under controlled conditions. The produced hydrogel has a capability to absorb water and to remove heavy metals from aqueous solutions. The product has an importance in the treatment of industrial waste water using rice straw based material, which is an agricultural waste. Thus, providing an effective material for many applications.



PCT

- (22) 02/04/2014
- (21) 0521/2014
- (44) **September 2018**
- (45) 27/11/2018
- (11) 29050

(51)	Int. Cl. 8 F41H 5/24, & F42D 5/045
(71)	1. ENGINEERING DEPARTMENT OF FORCED ARMY (EGYPT) 2. ASHRAF MOHAMED WAGIH MOHAMED
(72)	1. ASHRAF MOHAMED WAGIH MOHAMED 2.
(73)	1. 2.
(30)	1. 2.
(74)	HAZEM AHMED HASAN
(12)	Patent

(54) DEVELOPED REINFORCED CONCRETE BARRIER TO PROTECT STRUCTURES AGAINST EXPLOSION ,INVASION AND PENETRATION

Patent Period Started From 02/04/2014 and Will end on 01/04/2034

- (57) 1- THE DEVELOPED REINFORCED CONCRETE BARRIER CONSISTS OF R.C UNITS CONNECTED WITH EACH OTHER BY TWO PRE-STRESSED CABLES .
 - 2- THE DIMENSION OF THE R.C UNIT ARE 3M IN HEIGHT, 1M IN WIDTH , 1M IN THICKNESS AT THE BOTTOM AND 0.21M IN THICKNESS AT THE TOP .
 - 3- THE BARRIER IS CONSTRUCTED AND POURED INSIDE CURVED METAL FRAMEWORK WITH THE DIMENSION OF THE BARRIER .
 - 4- THE CEMENT CONTENT IS 350 KG/M3 AND STEEL WIRE MESH 10 MM "HIGH GRADE STEEL".
 - 5- THE BARRIER WAS DEVELOPED TO PROTECT THE STRUCTURES AGAINST EXPLOSION LOADS, PENETRATION AND HUMAN ATTACKS.



PCT

- (22) 03/11/2013
- (21) 1687/2013
- (44) | September 2018
- (45) 27/11/2018
- (11) 29051

(51)	Int. Cl. ⁸ C08L 23/02
(71)	1. MOATAZ BELLA MOHAMED SOLIMAN (EGYPT)
	2. MOSAAD A. EL-KASABY 3. SHERIF HUSSEIN KANDIL
	4. SHAKER MABROUK EBRAHIM
	5. HASSAN EL-NAGAR HASSAN EBRAHIM
	6. INSTITUTE OF GRADUATE STUDIES AND RESEARCH, UNIVERSITY OF
	7. ALEXANDRIA
(72)	1. MOATAZ BELLA MOHAMED SOLIMAN
	2. MOSAAD A. EL-KASABY
	3. SHERIF HUSSEIN KANDIL
	4. SHAKER MABROUK EBRAHIM
	5. HASSAN EL-NAGAR HASSAN EBRAHIM
(73)	1.
	2.
(30)	1.
(3 4)	2.
	3.
(74)	ALEXANDRIA UNIVERSITY FOCAL POINT
(12)	Patent

(54) METHOD FOR PREPARING A POLYMER BASED ON ANILINE AS POUR POINT DEPRESSANT OF THE CRUDE OIL Patent Period Started From 03/11/2013 and Will end on 02/11/2033

(57) The present invention relates to the preparation of a polymer based on aniline as a pour point depressant of crude oil. Polyaniline dodecyl benzene sulfonic acid (pani-dbsa) was prepared by chemical oxidative polymerization of aniline with hydrochloric acid at room temperature and by adding ammonium peroxodisulphate to obtain pani-hcl and then adding ammonium hydroxide to obtain the polymer in the base form. After drying, dodecyl benzene sulfonic acid is added to obtain polyaniline dodecyl benzene sulfonic acid (pani-dbsa), which was found that dissolve completely in the styrene solvent and also in the solvent which consists of a mixture of paraffin's (26.9 vol. %), isoparaffms (25.9 vol. %), naphthenes (33.4 vol. %) and aromatics (13.8 vol. %). When we used concentration 2500 ppm of polymer based on aniline (pani-dbsa) the pour point of crude oil has decreased from +33 to -9 c in the case crude oil (c.0.1) and from + 42 to -6 °c in the case crude oil (c.0.2) at the same concentration.



PCT

- (22) 03/06/2013
- (21) 0949/2013
- (44) | September 2018
- (45) 27/11/2018
- (11) 29052

(51)	Int. Cl. 8 C09B 62/095
(71)	1. NATIONAL RESEARCH CENTRE (EGYPT) 2.
(72)	3. 1. NAGIA FARG ALI 2. RIAD SEDKI RIAD
(73)	3. 1.
. ,	2.
(30)	1. 2. 3.
(74)	MAGDA MAHSP MR. / AMAL YUSUF AHMED / MONA MOHAMED FARID
(12)	Patent

(54) ECO FRIENDLY METAL COMPLEX DYE FROM BETALAIN DYE EXTRACTED FROM RED PRICKLY PEAR PLANT BY ADDITION OF METAL ION

Patent Period Started From 03/06/2013 and Will end on 02/06/2033

(57) This invention describes metal complex dyes from red prickly pear plant. Betaline pigment extracted from red prickly pear plant used as an intermediate for synthesis of metal complex dyes. Betaline reacts with bivalent metal ions such as Cu (II), Co (II), Ni (II) to produce metal complex dyes used for dyeing wool and silk fabrics. The chemical formulas of the metal complex dyes are: [C11H8N2O6]2 Cu, [C11H8N2O6]2 CO, [C11H8N2O6]2 Ni. The conditions for dyeing fabric with synthesized complex dyes by microwave method are: pH 4.5, temperature 50° C, dyeing time 5 minutes and by exhaustion method are: pH 5, temperature 50°C, dyeing time 30 minutes. The results of the fastness properties of the synthesized complex dyes for both microwave and exhaustion are: washing 4-5, Rubbing 4-5, perspiration 4-5, and light fastness =7.



PCT

- (22) 10/08/2009
- (21) 1213/2009 D4
- (44) **September 2018**
- (45) 27/11/2018
- (11) 29053

(51)	Int. Cl. ⁸ F16K 1/08
(71)	1. NABIL HANA MEKHAEIL AWAD (EGYPT) 2.
	3.
(72)	1. NABIL HANA MEKHAEIL AWAD 2.
	3.
(73)	1. 2.
(30)	1.
()	2. 3.
(74)	
(12)	Patent

(54) WATER MIXER WITH EXTERNAL VALVE (BATHTUB - WALL - BASIN - FEMALE TOILET)

Patent Period Started From 10/08/2009 and Will end on 09/08/2029

(57)

A small blender featuring a small size consisting of two small, shared compartments The method of opening and closing in Hand Mix knife, which is similar to a bell stop, but using a screw located inside the locker, either the method of closure is used The pressure of the water to close with the rotation of the thread either the skin used is a normal brow lashes are changed without a plumber from the outside behind the cone directly.



PCT

- (22) 19/11/2014
- (21) 1853/2014
- (44) | September 2018
- (45) 27/11/2018
- (11) 29054

(51)	Int. Cl. 8 A23K 1/10
(71)	1. MOHAMED YOUSEF MOHAMED HASANEEN (EGYPT)
` /	2.
	3.
(72)	1. MOHAMED YOUSEF MOHAMED HASANEEN
` /	2.
	3.
(73)	1.
` ,	2.
(30)	1,
	2.
	3.
(74)	
(12)	Patent

(54) MACHINE FOR TREATMENT ENVIRONMENTALLY SAFE AND HEALTHY FOR THE CONTENTS OF THE ANIMAL'S RUMEN Patent Period Started From 19/11/2014 and Will end on 18/11/2034

(57) This invention is related to machine to develop a mechanism Court to deal with the waste that comes from the rumen of animals at slaughter government massacres which constitute a grave danger to sanitation and the networks of the environment in a way to ensure the safety of the negative impact of such waste and beginning to take advantage of them in animal feeding time other and also address the rice straw and corn stover in order to take advantage of it in animal nutrition as well. - Depends on the work device press after emptying the contents of the rumen and washed by strong pressure piston 20 tons / cm and the inside of a special filter designed for this purpose for the separation of more than 95% of its saturated water to gaining benefit from each of them separately. - And is specially designed to ensure the non-arrival of any such waste to sewage and walls and floor of the slaughterhouse and the meat itself and also the certain safety of environmental pollution by the slaughterhouse inside and outside networks.



PCT

- (22) 20/01/2012
- (21) 0081/2015
- (44) | September 2018
- (45) 27/11/2018
- (11) 29055

(51)	Int. Cl. 8 A01C 5/04
(71)	1. MOHAMED MAHMOUD ALI AHMED (EGYPT) 2. 3.
(72)	1. MOHAMED MAHMOUD ALI AHMED 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	ASSIUT UNIVERSITY
(12)	Patent

(54) MACHINE AND METHOD FOR GARETH GRAIN ON LINES Patent Period Started From 20/01/2012 and Will end on 19/01/2032

(57) The invention related to grain injection machine and method is a handly machine is grown on the lines (or alsoerib) consists of two main parts 1- upper part: and has a lever holder (or jars), which also has the handle and the back has a grain cylinder and the cylinder out of which grain hose terminated the rear cylinder suppression of grain and grain by boat bag. A. Bottom: and where there is b. Grain entrepreneur: it is a tin box problem as follows: c. Sides and right side of the acer and the back door to change the mobile barrier (grain barrier), which also has a door nail rewind the moving barrier and two screws, one upper and lower decode and installation of the door before and after the change moving barrier last to match the grain type the desired planting also has a no systematic * barrier moving. 2. Bilateral indicator: it is a scalable horizontal ruler to adjust the spacing mounted on a vertical ruler to adjust the depth and hard where five cm (depth). 3. Middle part: holder and has wire drag one down the third side to trigger the upper clouds or clouds tractor and passes wire clouds behind the bird moving barrier down the bird allowaar holder to prove in the last allowaar holder from the bottom. 4. Drilling weapon: is a tin cans from each other inside the compound the pack interior door drilling weapon.



PCT

- (22) 25/09/2014
- (21) 1521/2014
- (44) | September 2018
- (45) 27/11/2018
- (11) 29056

(51)	Int. Cl. 8 C02F 1/14
(71)	1. EMAD ELDIN SABRY ZAKIY ELSAYED ABO ALM (EGYPT) 2. 3.
(72)	1. EMAD ELDIN SABRY ZAKIY ELSAYED ABO ALM 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	ALEXANDRIA UNIVERSITY FOCAL POINT
(12)	Patent

(54) SEA WATER DESALINATION DEVICE .USING SOLAR ENERGY AND WORK BY INCREASE EVAPORATION SURFACE

Patent Period Started From 25/09/2014 and Will end on24/09/2034

(57) This invention relates to a seawater desalination device using solar energy, it uses the amount of heat coming from the sunlight on the surface of the machine many times and reduces surface of evaporation through, air bubbles produced by . The block separation unit, which separates the moisture mass from the hot dry air mass. The saline water: inside the main tub of the device is in the magnetic field of the unit avoiding the chains of highly saline water molecules, which makes the . Heating and evaporation directed to the low-temperature (low salinity) ware layers. The device is a trapezoidal basin with a rectangular base with a light-emitting glass lid and non-heat-resistant radiators. On both sides of the lid. A pair of metal mirrors are placed at a 135-degree angle with the surface of the glass device. From the top of the device, an area of photovoltaic cells is placed under it. The device has a relatively large amount of fresh water compared to other devices.



(21

(22)

24/09/2014

(21) 1506/2014

(44) **September 2018**

(45) 27/11/2018

(11) | 29057

(51)	Int. Cl. ⁸ E04H 9/02
(71)	1. MAHMOUD GALAL YEHIA KAMEL AHMED (EGYPT) 2. 3.
(72)	1. MAHMOUD GALAL YEHIA KAMEL AHMED 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

- Method for lateral distribution of loads in super high-rise buildings using peripheral arms to reduce the effect of wind, earthquakes and explosions as well as increasing the utilized areas
 - Patent Period Started From 24/09/2014 and Will end on 23/09/2034
- (57)Method for laterally distributing loads in super high-rise buildings using peripheral arms around building corners to reduce the effect of wind, earthquakes and explosions as well as increasing building utilized areas. This method depends on the construction of a super high-rise building of regular or irregular cross-section and a group of peripheral arms around building corners. These arms are tilted and outwardly curved so that the closest point is at the building base, without contact with the building, and the farthest point is level with the building top. Then tying the peripheral arms to the building and to each other from multiple tying points along building height using steel wire cables. The outward curvature will have a vertical downward component of arm weight, which will induce lateral outward tension force of the building and will keep building balanced specially in the higher levels from all directions due to the plurality of arms and their location around the different corners of the building. This will work on reducing the size of building internal structure after transferring a part of building loads to the peripheral arms. The arms are being constructed from different steel sections or flexible concrete of a feather shape in which are tilted and outwardly curved and having a small cross-section at the bottom which increases with height, many holes being set in the peripheral arms to prevent from being wind estop and to give the desired aesthetic view, provide ventilation, visibility, and day lighting necessary for the building. The arms varies in quantity and size, also the size of steel cables, and number of tying points between the building and the arms, according to building shape, height, loads and forces need to be laterally outward distributed.



PCT

- (22) 29/10/2015
- (21) 1726/2015
- (44) | September 2018
- (45) 27/11/2018
- (11) 29058

(51)	Int. Cl. 8 B01D 61/02
()	
/=4\	1 MOHAMED ADDELWAHAD WAHDV ADDELEATEAH CWIDAN (ECVDE)
(71)	1. MOHAMED ABDELWAHAB WAHBY ABDELFATTAH SWIDAN (EGYPT)
	2. AHMED ABDELWAHAB WAHBY ABDELFATTAH SWIDAN
	3.
(72)	1. MOHAMED ABDELWAHAB WAHBY ABDELFATTAH SWIDAN
(, =)	2. AHMED ABDELWAHAB WAHBY ABDELFATTAH SWIDAN
	3.
(73)	1.
(10)	2.
(30)	1.
()	2.
	3.
(74)	ALEXANDRIA UNIVERSITY FOCAL POINT
(12)	Patent

(54) ENERGY RECOVERY SYSTEM FOR WATER DESALINATION (D-A-C)

Patent Period Started From 29/10/2015 and Will end on 28/10/2035

(57) The DAC system consists mainly of double acting hydraulic cylinder consists of (four chambers and two pistons, all the pistons are of same surface area and are attached to the same shaft or rod), it moves in two strokes "right and left". Where the motion of the pistons is simply controlled by means of directional control valve and limit switches. The energy recovery device ERD (D-A-C) was designed, manufactured and tested in reverse osmosis desalination plant and was compared with the performance of other energy recovery device {PX30S with booster pump}. The new ERD succeeded to omit the booster pump from the system and make the feed pump to play both roles of {feed and booster pump}.

Also the new ERD leads to zero% of mix through it (due to the pressure difference between feed and brine in addition to sealing system), which improves the specific energy consumption of the desalination unit

The new ERD {D-A-C} can be used with bigger desalination plants by using more than one of it in parallel position or by increasing its dimensions



PCT

- (22) 16/09/2015
- (21) 1545/2015
- (44) **September 2018**
- (45) 27/11/2018
- (11) 29059

(51)	Int. Cl. 8 CO3C 10/16, 3/112, 3/089, 3/078
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	1. ESMAT MAHMOUD ALY HAMZAWY 2. ALEXANDER KARAMANOV 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	MAGDA MOHASEB ALSAYED, , MONA MOHAMED FAREED
(12)	Patent

(54) FOAMED GLASS-CERAMIC BASED ON IRON SLAG AND METHOD OF PREPARATION Patent Period Started From 16/09/2015 and Will end on 15/09/2035

(57) The present invention related to preparation of foamed glass-ceramic essentially from slag of iron and steel. The constituent of glass include from 67:72 wt. % slag of iron and steel and 27:29 wt.% from silica 'sand and 0:4 wt.% from fluorspar (or commercial caf2) the preparation include : mixing the three materials , pulverizing, homogenization, melting then abrupt cooling , drying , pulverizing , casting then sintering and in the end we get foamed glass-ceramic. This foamed glass-ceramic is porous or foamed have porosity between 50-80% low density between 1.29-0.54 g/cm3 and heat resist between 800-900 °c. This foamed glass-ceramic can be used as insulator for heat and sound. Also can be used as guideposts in water bodies.



PCT

- (22) 11/02/2016
- (21) 0220/2016
- (44) | September 2018
- (45) 27/11/2018
- (11) 29060

(51)	Int. Cl. ⁸ B01D 1/00, & C02F 1/14
/ - / \	1 MOHAMED CALAMA ADD BLIHADY (ECYPE)
(71)	1. MOHAMED SALAMA ABD-ELHADY (EGYPT)
` /	2. EMMANOUEIL BISHARA MILAD
	3. MOHAMED NAFEA METWALLY ROHIM
(72)	1. MOHAMED SALAMA ABD-ELHADY (EGYPT)
(1-)	2. EMMANOUEIL BISHARA MILAD
	3. MOHAMED NAFEA METWALLY ROHIM
(73)	1.
(, 0)	2.
(30)	1.
(30)	2.
	3.
(74)	BENI-SUEF UNIVERSITY
(12)	Patent

DOMESTIC WATER DESALINATION UNIT USING SOLAR ENERGY OF A CAPACITY OF 20 LITERS OF FRESH WATER PER DAY

Patent Period Started From 11/02/2016 and Will end on 10/02/2036

(57) The best way to solve the problem of water shortage in developing countries, which is concurrent with the energy crisis, is the desalination of either sea water or ground water using renewable sources of energy, such as solar energy. A household water desalination unit has been designed and manufactured such that it runs on solar energy, occupies a small area of the house, i.e. 4 m², and of a desalination capacity of 20 liters of fresh water per day. The water desalination unit consists of five main parts, the first part is the solar collector that is used to boil the water in the water boiler, i.e. the second part of the desalination unit, then the generated water vapor is passed to the water condenser where it is condensed to fresh water and then stored in the fresh water tank, i.e. the fourth part. The fifth part of the water desalination unit is the salty water tank, and it is installed at a level higher than the condenser and the boiler, such that the salty water can circulate by gravity to the water boiler via the condenser coils. The salty water enters the water boiler through a float valve such that the valve opens automatically whenever the water level decreases due to evaporation. In the presented desalinator, the evaporation of the salty water and the condensation of the generated steam into fresh water occur in the same time without using any electricity neither for heating in the boiler nor for cooling in the condenser.



PCT

- (22) 20/11/2016
- (21) | 1895/2016
- (44) **September 2018**
- (45) 27/11/2018
- (11) 29061

(51)	Int. Cl. 8 C02F 1/00
(71)	1. SALAH AHMED ALI HAMED (EGYPT) 2.
(72)	3. 1. SALAH AHMED ALI HAMED 2.
	3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) A DEVICE FOR SEWAGE WATER TREATMENT Patent Period Started From 20/11/2016 and Will end on 19/11/2036

(57) The present invention relates to device for sewage water treatment. According to the inventive device. Treatment is performed on two steps: water is drawn by one unit and discharged after treatment by another unit. The water drawing device consists of a stainless steel sheet, a stainless angle and stainless mesh. The said unit contains hessian, wire mesh, raffia, soft sponge, soft gauze, and wire mesh. The discharging unit consists of a stainless steel sheet, a stainless angle and stainless mesh with the same components of the first one in a reverse order. Additionally, it includes a motor used between the drawing and discharging processes. Both units synergically produce pure smelless water..



PCT

- (22) 08/02/2016
- (21) 0189/2016
- (44) July 2018
- (45) 27/11/2018
- (11) 29062

(51)	Int. Cl. 8 C10G 45/58, 65/04, 69/06, 9/36, 70/04 & C07C 11/08, 5/13
(71)	1. Linde Aktiengesellschaft (GERMANY) 2.
	3.
(72)	1. DR. WALTER, Stefanie
(,_)	2. FRITZ, Helmut
	3.
(73)	1.
(,0)	2.
(30)	1. (DE) 10 2013 014 802.2 - 05-09-2013
(50)	2. (DE) 10 2013 014 867.7- 05-09-2013
	3. (EP) 13004660.0 - 25-09-2013
	4. (EP) 13004661.8- 25-09-2013
	5. (PCT/EP2014/068842) - 04-09-2014
(74)	NAHED WADE REZK
(12)	Patent

(54) METHOD FOR PRODUCING HYDROCARBON PRODUCTS Patent Period Started From 04/09/2014 and Will end on 03/09/2034

(57) The invention relates to a method for producing hydrocarbon products, said method comprising: providing a C4 hydrocarbon stream (C4) having predominantly branched and unbranched hydrocarbons, each comprising four carbon atoms; and obtaining, from the C4 hydrocarbon stream (C4) or from a stream derived therefrom, an n-C4 sub-stream (n-C4) having predominantly unbranched hydrocarbons comprising four carbon atoms and an iso-C4 sub-stream (i-C4) having predominantly branched hydrocarbons comprising four carbon atoms. According to the invention, at least part of the n-C4 sub-stream (n-C4) or a stream derived therefrom is cracked with a cracking intensity at which a maximum of 92% of the n-butane contained in the n-C4 sub-stream (C4) or in the derived stream is converted.



PCT

- (22) 26/11/2015
- (21) 1869/2015
- (44) May 2018
- (45) |27/11/2018
- (11) 29063

(51)	Int. Cl. 8 B66C 13/18
(71)	 Konecranes Global Corporation (FINLINDA) 3.
(72)	 Mannari, Ville Nieminen, Ari Wannari, Ville
(73)	1. 2.
(30)	1. (FI) 20135609 - 31-05-2013 2. (PCT/FI2014/050408) - 26-05-2014 3.
(74)	ABDEL WAHAB MOUSTAFA KAMAL - MADDOCK & BRIGHT IP LAW OFFICE
(12)	Patent

(54)	CARGO HANDLING BY A SPREADER
	Patent Period Started From 26/05/2014 and Will end on 25/05/2034

(57) There is provided improved accuracy in cargo handling by a spreader including a distance sensor transmitting optical signals. The handled cargo includes a plurality of interconnected sides. The transmission directions of the optical signals are selected and distances are measured by reflected optical signals transmitted in the selected directions. The measured distances are used to determine a reference line that matches a shape of at least one of the interconnected sides of the cargo. (Figure 3a).



(22) | 16/06/2015 (21) | 0997/2015

(44)

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(45) 29064

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(51)	Int. Cl. 8 B21D 51/26, 41/04	
(71)	 Alcoa usa corp (UNITED STATES OF AMERICA) 3. 	
(72)	 BOYSEL, Darl G DICK, Robert E MYERS, Gary L 	4. MCNEISH, David J
(73)	1. 2.	
(30)	1. (US) 13/290.722 - 20-12-2012 2. (PCT/US2013/074126) - 10-12-2013 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54)	KNOCKOUT FOR USE WHILE NECKING A METAL
	CONTAINER, DIE SYSTEM FOR NECKING A METAL
	CONTAINER AND METHOD OF NECKING A METAL
	CONTAINER

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- (57) A knockout has a support surface and the support surface has:
 - (i) a first knockout outer diameter capable of supporting the first inner diameter of a container side wall when the knockout) is inserted into an opening of the metal container and when the metal container is being necked with a necking die; and
 - (ii) a second knockout outer diameter capable of supporting the second inner diameter of the container side wall when the knockout is inserted into the opening of the metal container and when the metal container is being necked with the necking die, and wherein the first knockout outer diameter is larger than the second knockout outer diameter.