Arab Republic of Egypt

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



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN DECEMBER 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.

President of Patent Office

Dr. Mona M. Yehia

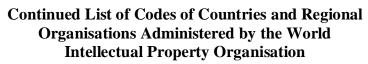
Bibliographic data

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Patentee Name	73
Patent Attorney Name	74



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Code	Country
AE	United Arab emairates
AF	Afghanistan
AG	Antigua and Barbuda
AL	Albania ⁾
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AO	Angola
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IE	Ireland



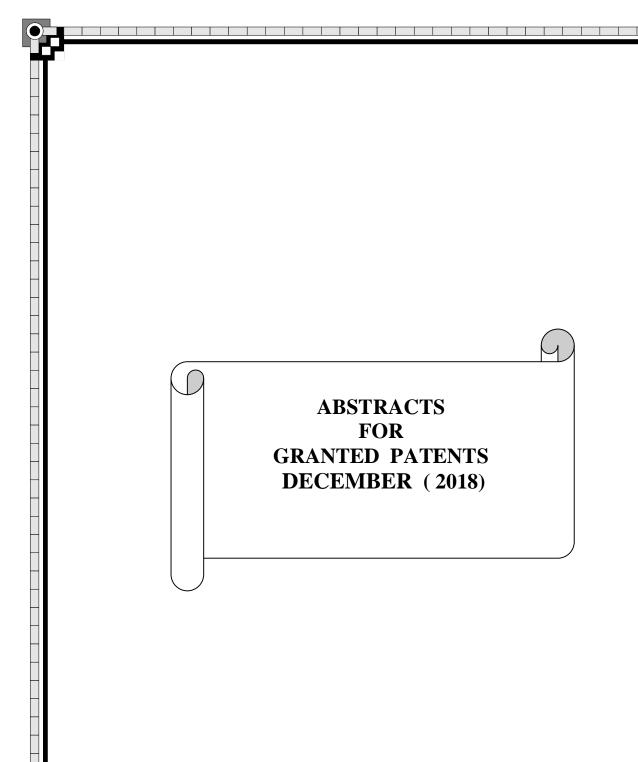
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RU	Russian Federation	
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SA	Saudi Arabia	



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TT	Trindad and Topago
TW	Taiwan
TZ	United Republic of Tanzania
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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) 15/07/2015
- (21) 1139/2015
- (44) May 2018
- (45) **03/12/2018**
- (11) | 29065

(51)	Int. Cl. 8 F27D 1/16, 21/00			
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(72)	1. LAMMER, Gregor			
(1-)	2. JANDL,CHRISTOPH			
	3. ZETTL, Karl-Michael			
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(10)	2.			
(30)	1. (EP) 13163565.8 - 12-04-2013			
(34)	2. (PCT/EP2014/054474) - 07-03-2014			
	3.			
(74)	NAHID WADI RIZK TARAZI			
(12)	Patent			

(54) METHOD FOR DETERMINING THE STATE OF A FIRE-RESISTANT LINING OF A METALLURGICAL VESSEL FOR MOLTEN METAL IN PARTICULAR Patent Period Started From 07/03/2014 and Will end on 06/03/2034

(57) The invention relates to a method for determining the state of a fire-resistant lining of a vessel containing molten metal in particular. In the process, maintenance data, production data, and wall thicknesses at least at locations with the highest degree of wear are measured or ascertained together with additional process parameters of a vessel after the vessel has been used. Said data is then collected and stored in a data structure. A calculating model is generated from at least some of the measured or ascertained data or parameters, and said data or parameters are evaluated by means of the calculating model using calculations and subsequent analyses. Thus, related or integral ascertaining processes and subsequent analyses can be carried out, on the basis of which optimizations relating to both the vessel lining as well as the complete process of the molten metal in the vessel are achieved.



PCT

- (22) 22/12/2011
- (21) 2141/2011
- (44) June 2018
- (45) |03/12/2018
- (11) 29066

(51)	Int. Cl. ⁸ H04W 56/00		
(71)	1. TELEFONAKTIEBOLAGET L M ERICSSON (SWEDEN) 2. 3.		
(72)	 BALDEMAIR, Robert ASTELY, David DAHLMAN, Erik 	4. JADING, Ylva	
(73)	1. 2.		
(30)	1. (US) 61/220,844 - 26-06-2009 2. (PCT/SE2010/050674) - 16-06-2010 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

(54)	METHODS AND ARRANGEMENTS IN A
	TELECOMMUNICATIONS NETWORK
	Patent Period Started From 16/06/2010 and Will end on 15/06/2030

(57) The present invention relates to methods and arrangements in a base station and a user equipment for determining an uplink transmission timing correction for communication in a telecommunication system in which aggregation of component carriers is applied. The base station receives a signal from the user equipment on a uplink (UL) component carrier and measures the arrival time of the signal. A timing correction of the UL transmission timing based on the arrival time of the signal is determined. Thereupon the base station determines for which of the uplink component carriers used by the user equipment the timing correction is valid. The timing correction and the validity information is sent to the user equipment. The user equipment adjusts the UL transmission timing for each UL component carrier the timing correction is valid for.



PCT

- (22) 19/06/2016
- (21) 1056/2016
- (44) August 2018
- (45) 03/12/2018
- (11) 29067

(51)	Int. Cl. 8 C05G 3/04. 3/06 & C05D 9/02	
(71)	 INVENTION CENTER KFT.(HUNGA 3. 	ARY)
(72)	 VATTAY, Antal VATTAY, Rikard POSTA, Katalin Andrea PoTI, Péter 	5. VARGA, Imre6. ZaRAY, Gyula7. LoCZI, Miklos8. SZUROP, Gabor Miklos
(73)	1. 2.	
(30)	1. (HU)P13 00753 - 23-12-2013 2. (PCT/HU2014/000129) - 22-12-2014 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) IRON (III) OXIDE CONTAINING SOIL-BINDING COMPOSITION Patent Period Started From 22/12/2014 and Will end on 21/12/2034

(57) The invention relates to composition for retaining soil moisture and improving plant growth in dry soils, which, together with one or more moisture retaining materials and wetting agents, comprises iron(III)oxides and optionally potassium metabisulfite [borken (HU), E224] as potentiating agent. The iron(III)oxides preferably are microparticulate. The composition suitably comprises iron(III)oxides and potassium metabisulfite as potentiating agent. Other aspects of the invention relate to binding the moisture content of soils.



PCT

- (22) 21/02/2016
- (21) 0265/2016
- (44) June 2018
- (45) 04/12/2018
- (11) 29068

(51)	Int. Cl. 8 C05C 9/00 & C05G 3/08 & A01N 25/12
(71)	1. KOCH AGRONOMIC SERVICES, LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	 GABRIELSON, Kurt David SUTTON, Allen Wart David
(73)	1. 2.
(30)	1. (US) 61/869,594 - 23-08-2013 2. (PCT/US2014/052570) - 25-08-2014 3.
(74)	SHADY FAROUK AL-MUBARAK
(12)	Patent

(54) UREA AND NITROGEN STABILIZER COMPOSITIONS Patent Period Started From 25/08/2014 and Will end on 24/08/2034

(57) This invention relates to an improved urea-nitrogen stabilizer composition and methods, systems and apparatti for making thereof. The nitrogen stabilizer composition is incorporated into molten urea to result in a composition that contains less biuret, NMP, nitrogen stabilizer and/or impurities and provides an effective solid fertilizer. These compositions are useful in odor control.



PCT

- (22) 17/04/2013
- (21) 0650/2013
- (44) May 2018
- (45) | 09/12/2018
- (11) 29069

(51)	Int. Cl. 8 C10J 3/46, 3/48 & F03G 6/06 & B01J 19/12, 8/32, 8/00, 8/38 & F24J 2/34, 2/07, 2/24,
` /	2/46 & F28D 13/00, 20/00 & F22B 1/00 & C09K 5/10,
(71)	1. CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (FRANCE)
` /	2. INSTITUT NATIONAL POLYTECHNIQUE DE TOULOUSE (FRANCE)
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(72)	1. FLAMANT, Gilles
` /	2. HEMATI, Mehrdji
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(30)	1. (FR) 1058565 - 20-10-2010
()	2. (PCT/FR2011/052386) - 13-10-2011
	3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) DEVICE FOR COLLECTING SOLAR ENERGY Patent Period Started From 13/10/2011 and Will end on 12/10/2031

(57) The invention relates to a device for collecting solar energy, characterized in that it includes at least one solar receiver including at least one suspension of solid particles fluidized by a gas, each suspension circulating between an inlet and an outlet of the receiver, wherein the volume of particles is between 40% and 55% of the volume of the suspension, and the average size of the particles is between 20 and 150 μm.



PCT

- (22) 05/05/2016
- (21) 0768/2016
- (44) June 2018
- (45) 10/12/2018
- (11) 29070

(51)	Int. Cl. ⁸ C09K 8/80	
(71)	 DOW GLOBAL TECHNOLOGIES I ROHM AND HAAS COMPANY (UN 	,
(72)	 HOOK, Bruce D MARTINS, Paulo MEDINA, Juan Carlos SANTOS, Daniele 	5. TYSAK, Theodore 6. CYNECKI, William A 7. KEENAN, Andrea C
(73)	1. 2.	
(30)	1. (US) 61/904,619 - 15-11-2013 2. (US) 62/021,350 - 07-07-2014 3. (PCT/US2014/064286) - 06-11-2014	
(74)	AMR ELDEEP	
(12)	Patent	

(54) PROPPANTS WITH IMPROVED DUST CONTROL Patent Period Started From 06/11/2014 and Will end on 05/11/2034

(57) Provided are proppants for use in hydraulic fracturing operations. The proppants comprise particles having coatings disposed on them as described herein. The proppants exhibit reduced dust generation, for instance during transloading, conveying and/or offloading of the proppant at a wellsite and/or at intermediate shipping transload points.



PCT

- (22) 13/07/2008
- (21) 1167/2008
- (44) June 2018
- (45) 10/12/2018
- (11) 29071

(51)	Int. Cl. 8 C03C 3/095, 4/02, 4/08, 1/00
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(72)	 SMITH, Dennis G. SHELESTAK, Larry J Weight of the second seco
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(30)	1. (US) 11/331287 - 12-01-2006 2. (PCT/US2007/000139) - 04-01-2007 3.
(74)	Amr Mofed El Deeb
(12)	Patent

(54)	COLORED GLASS COMPOSITIONS
	Patent Period Started From 04/01/2007 and Will end on 03/01/2027

(57) A glass composition is disclosed. The glass composition includes base glass composition including SiO from 65 to 75 weight percent, Na₂O from 10 to 20 weight percent, CaO from 5 to 15 weight percent, MgO from 0 to 5 weight percent, Al₂O₃ from 0 to 5 weight percent, and BaO from 0 to 1 weight percent, and a colorant and property modifying portion including total iron from up to 0.02 weight percent, CeO₂ from 0.05 weight percent to 1.5 weight percent, CoO up to 50 PPM, Se up to 15 PPM, Cr₂O₃ up to 500 PPM, CuO up to 0.5 weight percent, V₂O₅ up to 0.3 weight percent, TiO₂ up to 1 weight percent, NiO up to 200 PPM, Er₂O₃ up to 3 weight percent, MnO₂ up to 0.6 weight percent, and Nd₂O₃ up to 2 weight percent, wherein the glass composition has a redox ratio up to 0.55.



PCT

- (22) 19/11/2014
- (21) 1861/2014
- (44) May 2018
- (45) 10/12/2018
- (11) 29072

(51)	Int. Cl. 8 E21B 47/06, 47/10, 33/035, 44/00, 33/064 & G01M 3/02
(71)	1. BP CORPORATION NORTH AMERICA INC (UNITED STATES OF AMERICA) 2. 3.
(72)	 WINTERS, Warren LIVESAY, Ronald WINTERS, Warren
(73)	1. 2.
(30)	1. (US) 13/476,270 - 21-05-2012 2. (PCT/US2012/038795) - 21-05-2012 3.
(74)	Amr Mofed El Deeb
(12)	Patent

(54) METHODS AND SYSTEMS FOR PRESSURE TESTING COMPONENTS OF A HYDROCARBON WELL SYSTEM Patent Period Started From 21/05/2015 and Will end on 21/05/2035

(57) A component of a well system can be tested by pressurizing the component of the well system a test pressure via two supply lines connected to the component of the well system, e.g. a choke line and a kill line. Then, a first of the two supply lines can be isolated from the second supply line and the component of the well: system. The change in pressure can be independently measured in the second supply line and the component of the well system. The change in pressure of the first supply line can be subtracted from the change in pressure of the second supply line and the component. Then, the change in pressure for the component can be analyzed to determine if the component of the well system is maintaining pressure integrity, i.e. leaking or not leaking.



PCT

- (22) 06/16/2015
- (21) | 0989/2015
- (44) May 2018
- (45) 10/12/2018
- (11) | 29073

(51)	Int. Cl. 8 B60C 11/04, 11/13
(71)	1. PIRELLI TYRE S.P.A., (TALY) 2. 3.
(72)	1. CASTELLINI, Alessandro 2. 3.
(73)	1. 2.
(30)	1. (IT) RM2012A000658 - 21-12-2012 2. (US) 803,984 /61 - 21-03-2013 3. (PCT/IB2013/002799) - 18-12-2013
(74)	Amr Mofed El Deeb
(12)	Patent

(54) TYRE FOR HEAVY LOAD VEHICLE WHEELS Patent Period Started From 18/12/2013 and Will end on 17/12/2033

(57) The present invention relates to a tyre having a tread with a central annular portion and two shoulder annular portions; the central annular portion comprises at least one circumferential crown groove and is separated from each shoulder annular portion by a respective circumferential shoulder groove; - at least one of said circumferential shoulder and/or crown grooves has a plurality of protrusions having a height (hi) equal to or smaller than a depth (H) of said at least one circumferential shoulder and/or crown groove and a lateral surface substantially extending in a radial direction; - said plurality of protrusions further having a plurality of channels substantially extending in a radial direction and comprising at least one opening in said lateral surface for setting said circumferential shoulder and/or crown groove in fluid communication with the outside of the tread.



PCT

- (22) 09/01/2012
- (21) 0050/2012 D1
- (44) May 2018
- (45) 10/12/2018
- (11) 29074

(51)	Int. Cl. 8 F16C 1/00
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(71)	1. Ferno-Washington, Inc. (UNITED STATES OF AMER) 2.
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(72)	1. CHINN, Robert
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(30)	1. (US) 61/224.743 - 10-07-2009
(/	2. (PCT/US2010/041724) - 12-07-2010
	3.
(74)	NAZEH AKHNOKH SADK ELIAS
(12)	Patent

(54)	A LITTER SUPPORT SYSTEM
	Patent Period Started From 12/07/2010 and Will end on 11/07/2030

(57) A litter support system, the litter support system including a first vertical track comprising a first plurality of incremental securement locations, a second vertical track substantially parallel with the first vertical track comprising a second plurality of incremental securement locations, a first mounting bracket configured to secure to any of the first plurality of incremental securement locations of the first vertical track, a second mounting bracket configured to secure to any of the second plurality of incremental securement locations of the second vertical track, a first support arm assembly connected to the first mounting bracket, and a second support arm assembly connected to the second mo|mting bracket.



PCT

- (22) 19/01/2012
- (21) 0050/2012 D2
- (44) May 2018
- (45) 10/12/2018
- (11) 29075

(51)	Int. Cl. ⁸ F16C 1/00
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(00)	2. (PCT/US2010/041724) - 12-07-2010
	3.
(74)	NAZEH AKHNOKH SADK ELIAS
(12)	Patent

(54) A MOUNTING TRACK SYSTEM Patent Period Started From 12/07/2010 and Will end on 11/07/2030

(57) A mounting track system for mounting equipment at various locations along a length of a mounting track, the mounting track system including a first vertical plurality of securement slots and a second vertical plurality of securement slots in parallel with the first vertical plurality of securement slots ,where each securement slot comprises an enlarged head portion adjacent a necked - down region , such that an enlarged head of a mounting projection may pass through the enlarged head portion to allow a stem connected to the enlarged head to slide down the necked -down region such that the enlarged head cannot be removed through the necked-down region .



PCT

- (22) 09/01/2012
- (21) 0050/2012
- (44) May 2018
- (45) 10/12/2018
- (11) 29076

(51)	Int. Cl. 8 F16C 1/00
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	3.
(74)	NAZEH AKHNOKH SADK ELIAS
(12)	Patent

(54) A SUPPORT ARM ASSEMBLY FOR A LITTER SUPPORT SYSTEM Patent Period Started From 12/07/2010 and Will end on 11/07/2030

(57) Support arm assembly for a litter support system configured to support a patient in a horizontal elevated position, the support arm assembly including an adjustable hook assembly at a free end of the support arm assembly having an open position and a closed position, the adjustable hook assembly comprising a ratchet system that locks the hook assembly between the open position and the closed position.



PCT

- (22) 24/03/2015
- (21) 0442/2015
- (44) **JUNE 2018**
- (45) 10/12/2018
- (11) 29077

(51)	Int. Cl. 8 B22D 41/24, 41/34, 41/40
(71)	 Refractory Intellectual Property GmbH & Co. KG (AUSTRIA) 3.
(72)	 GISLER, Rebecca COUSIN, Jean-Daniel STEINER, Benno
(73)	1. 2.
(30)	1. (SE) 01928/12 - 11-10-2012 2. (PCT/EP2013/071081) - 09-10-2013 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) SLIDING CLOSURE AT THE SPOUT OF A CONTAINER CONTAINING A MOLTEN METAL, AND METHOD FOR SETTING CLOSURE PLATES IN THE SLIDING CLOSURE

Patent Period Started From 09/10/2013 and Will end on 08/10/2033

(57) A sliding 11) and a slide unit that is longitudinally displaceable with respect thereto, in each of which at least one refractory closure plate is insertable. Said closure plates can be pressed against one another in that the slide unit is braced against the slide housing. The closure plates can be fixed or centred therein in each case by means of a setting device having a displaceable positioning element. These setting devices are each formed such that, when the slide unit is braced with the slide housing, setting of the positioning element and thus clamping in or centring of each particular closure plate therein is brought about as it were. Thus, despite easier operation, increased operational reliability is ensured because the closure plates are mechanically clamped or centred.



PCT

- (22) 07/12/2014
- (21) 1965/2014
- (44) MAY 2018
- (45) 10/12/2018
- (11) 29078

(51)	Int. Cl. 8 F04B 39/10, 39/14, 53/10, 53/22 & B23P 19/04 & B25B 27/24	
(71)	1. NUOVO PIGNONE SRL (ITALY) 2. 3.	
(72)	 BRESCHI, Tommaso TENZE, Andrea BRACCIALI, Filippo Erbaggio 	4. GALLINA, Elena
(73)	1. 2.	
(30)	1. (IT) 2012A000113 - 08-06-2012 2. (PCT/EP2013/061841) - 07-06-2013 3.	
(74)	Sonia Fayek Farag	
(12)	Patent	

DEVICE FOR REMOVING A VALVE AND CAGE ASSEMBLY FROM A MACHINE

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

(57) The device comprises an anchoring plate configured for anchoring the device to a machine casing. The device further comprises a terminal plate connected to the anchoring plate at a distance there from, and a slide arranged for movement between the anchoring plate and the terminal plate. The device further includes a connecting arrangement configured for connecting the slide to a valve and cage assembly to be removed from the machine.



PCT

- (22) 20/03/2014
- (21) 0447/2014
- (44) June 2018
- (45) 10/12/2018
- (11) 29079

(51)	Int. Cl. ⁸ G09G 5/00, & H04N 7/00
(71)	1. KONINKLIJKE PHILIPS N.V
	2.
	3.
(72)	1. KNIBBELER, Charles, Leonardus, Cornelius, Maria
	2. VAN DER VLEUTEN, Renatus, Josephus
	3. DE HAAN, Wiebe
(73)	1.
, ,	2.
(30)	1. (EP) 11182922.2 - 27-09-2011
(0 0)	2. (US) 61/588,731 - 20-01-2012
	3. (EP) 12160557.0 - 21-03-2012
	4. (PCT/IB2012/054984) - 20-09-2012
(74)	AMRO ELDEEP
(12)	Patent

(54) APPARATUS AND METHOD FOR DYNAMIC RANGE TRANSFORMING OF IMAGES

Patent Period Started From 20/09/2012 and Will end on19/09/2032

(57) An image processing apparatus comprises a receiver for receiving an image signal which comprises at least an encoded image and a target display reference. The target display reference is indicative of a dynamic range of a target display for which the encoded image is encoded. A dynamic range processor generates an output image by applying a dynamic range transform to the encoded image in response to the target display reference. An output then outputs an output image signal comprising the output image, e.g. to a suitable display. The dynamic range transform may furthermore be performed in response to a display dynamic range indication received from a display. The invention may be used to generate an improved High Dynamic Range (HDR) image from e.g. a Low Dynamic Range (LDR) image, or vice versa.



PCT

(22) 05/05/2016

(21) 0769/2016

(44) June 2018

(45) |10/12/2018

(11) 29080

(51)	Int. Cl. ⁸ B01J 8/04, 8/06 & C01B 3/38 & F23C 6/04
(71)	1. LINDE AKTIENGESELLSCHAFT (GERMANY) 2. 3.
(72)	1. NOLD, Michael 2. 3.
(73)	1. 2.
(30)	1. (DE) 10 2013 019 148.3 - 15-11-2013 2. (DE) 10 2014 007 470.6 - 20-05-2014 3. (PCT/EP2014/002986) - 07-11-2014
(74)	AMRO ELDEEP
(12)	Patent

(54) METHOD AND DEVICE FOR STEAM REFORMING AND FOR STEAM CRACKING OF HYDROCARBONS

Patent Period Started From 07/11/2014 and Will end on 06/11/2034

(57) The invention relates to a furnace and to a method for adjusting a material flow to an appropriate temperature, wherein the furnace has a first combustion chamber, at least one reactor pipe which serves for receiving a material flow to be heated and which is led through the first combustion chamber, and at least one second combustion chamber, wherein the at least one reactor pipe is also led through the at least one second combustion chamber, wherein the furnace is designed for respectively separately setting a first temperature (T1), which can be generated in the first combustion chamber, and a second temperature (T2), which can be generated in the at least one second combustion chamber.



PCT

- (22) 26/04/2012
- (21) 0775/2012
- (44) MAY 2018
- (45) 10/12/2018
- (11) 29081

(51)	Int. Cl. 8 B29D 30/30, 30/16
(71)	1. PIRELLI TYRE S.P.A. (ITALY)
	2.
	3.
(72)	1. BADOLATO, Luigi, Antonio
	2. PORTINARI, Gianni
	3. DALE', Pietro
(73)	1.
()	2.
(30)	1. (IT) MI2009A001906 - 02-11-2009
(50)	2. (US) 61/272,815 - 06-11-2009
	3. (PCT/IB2010/002783) - 29-10-2010
(74)	Amr Mofed El Deeb
(12)	Patent

(54) PROCESS AND APPARATUS FOR MANUFACTURING TYRES FOR VEHICLE WHEELS

Patent Period Started From 29/10/2010 and Will end on 28/10/2030

(57) A process for manufacturing tyres for vehicle wheels comprises the step of building, on a forming support, a belt structure including at least one reinforcing structure of the so-called zero-degree type. The reinforcing structure is formed by depositing a continuous elongated reinforcing element on a deposition surface arranged in a radially outer position with respect to the forming support. The aforementioned deposition comprises the step of exerting, through at least one element made from magnetic material, a magnetic attraction on a portion of the continuous elongated reinforcing element arranged at at least one pressing member and moving said at least one pressing member towards the forming support until the continuous elongated reinforcing element is brought into contact with said deposition surface. It is also described an apparatus suitable for carrying out the aforementioned process.



PCT

- (22) 05/08/2015
- (21) 1216/2015
- (44) MAY 2018
- (45) 10/12/2018
- (11) 29082

(51)	Int. Cl. 8 B26B 21/44
(71)	1. THE GILLETTE COMPANY (UNITED STATES OF AMERICA)
	2. 3.
(=0)	
(72)	1. CARNEIRO, Hubert, Francis
	2. CATAUDELLA, Matthew, Corey
	3. WASHINGTON, Jack, Anthony
(73)	1.
(- /	2.
(30)	1. (US) 29/446,936 - 28-02-2013
()	2. (US) 13/964,382 - 12-08-2013
	3. (PCT/US2013/055331) - 16-08-2013
(74)	OFFICE DIB LAWYERS
(12)	Patent

(54) SHAVING CARTRIDGES HAVING LUBRICATION MEMBERS Patent Period Started From 16/08/2013 and Will end on 15/08/2033

(57) A shaving blade unit with a housing having a bottom surface and a top surface defining a pair of elongated spaced apart apertures extending from the top surface to the bottom surface. At least one blade is mounted to the housing. The blade has a blade edge extending generally parallel to the pair of apertures. A solid polymeric lubrication member having an upper skin contact surface and an opposing base. A pair protrusions extend from the base. Each protrusion has an enlarged distal end. The enlarged distal ends of the protrusions each have a dimension greater than a dimension of the corresponding aperture whereby inserting the protrusion into the corresponding aperture deflects a front wall of the housing and each of the enlarged distal ends engage the bottom surface of the housing. The solid polymeric lubrication member and the enlarged distal ends are molded from a water soluble polymer.



PCT

- (22) 14/04/2016
- (21) 0659/2016
- (44) August 2018
- (45) 10/12/2018
- (11) 29083

(51)	Int. Cl. ⁸ B32B 38/14, 23/08 & E04F 15/10
(71)	1. ceraloC ainnovation A B (SWEDEN) 2. 3.
(72)	1. PERVAN, Darko 2. 3.
(73)	1. 2.
(30)	1. (SE) 1351260-3 - 23-10-2013 2. (PCT/SE2014/051246) - 22-10-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD OF FORMING A DECORATIVE WEAR RESISTANT LAYER

Patent Period Started From 22/10/2014 and Will end on 21/10/2034

(57) The disclosure relates to a method of forming a decorative wear resistant layer. The method comprises the step of providing a substrate comprising a thermoplastic material and a transparent layer comprising a thermoplastic material and providing a continuous print layer comprising particles on the substrate or on the transparent layer. The method further comprises the step of printing a digital image comprising colour pigments on the print layer, and bonding the print layer with the colour pigments to the transparent layer and to the substrate with heat and pressure such that the digital image is located between the transparent layer and the substrate; ."



PCT

- (22) 02/03/2008
- (21) 0355/2008
- (44) August 2018
- (45) 10/12/2018
- (11) 29084

(51)	Int. Cl. 8 A61K 9/51, 47/42, 31/337, 9/19, 9/00, 47/26	
(71)	1. ABRAXIS BIOSCIENCE LLC (UNITED STATES OF AMERICA) 2. 3.	
(72)	 Desai Neil P Yang Andrew SOON-SHIONG,PATRICK,M D 	4. Selvaraj Raj
(73)	1. 2.	
(30)	1. (US) 60/712865 - 31-08-2005 2. (US) 60/736931 - 14-11-2005 3. (US) 60/736962- 14-11-2005 4. (PCT/US2006/033931) - 30-08-2006	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) A PHARMACEUTICAL COMPOSITION COMPRISING PACLITAXEL AND ANTIMICROBIAL AGENTS Patent Period Started From 30/08/2006 and Will end on29/08/2026

(57) A pharmaceutical composition comprising paclitaxel and a protein carrier, albumin, and an antimicrobial agent, edta, where the significant microbial growth is inhibited in the composition. The amount of the antimicrobial agents in the composition may be less than the level that induces a toxicological effect or at a level were a potential side effect can be controlled or tolerated. Also the invention is related to the methods of using this composition.



PCT

- (22) 16/12/2015
- (21) 1991/2015
- (44) **JULY 2018**
- (45) 16/12/2018
- (11) 29085

(51)	Int. Cl. 8 C10G 45/58, 65/04, 69/06, 9/06, 9/36, 70/04
(71)	1. Linde Aktiengesellschaft (GERMANY) 2.
	3.
(72)	1. WALTER, Stefanie
	2. FRITZ, Helmut
	3. SCHMIDT, Gunther
(73)	1.
()	2.
(30)	1. (DE)10 2013 014 866.9 - 05-09-2013
(00)	2. (EP) 13004662.6 - 25-09-2013
	3. (PCT/EP2014/068708) - 03-09-2014
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) METHOD FOR PRODUCING HYDROCARBON PRODUCTS Patent Period Started From 03/09/2014 and Will end on 02/09/2034

(57) The invention relates to a method for producing hydrocarbon products, according to which a hydrocarbon flow (C4) is provided which contains predominantly branched and unbranched hydrocarbons, all of these hydrocarbons having four carbon atoms. A first and a second partial flow (i-C4, n-C4) are obtained from the above flow, the first partial flow (i-C4) having predominantly branched hydrocarbons with four carbon atoms and the second partial flow (n-C4) having predominantly unbranched hydrocarbons with four carbon atoms. The method further includes the steam cracking of at least a portion of the first partial flow (i-C4) with a first, higher cracking severity and the steam cracking of at least a portion of the second partial flow (n-C4) with a second, lower cracking severity.



PCT

- (22) 01/02/2015
- (21) 0167/2015
- (44) **September 2018**
- (45) 17/12/2018
- (11) 29086

(51)	Int. Cl. ⁸ B01D 69/12
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2.
	3.
(72)	1. AYMAN TAHA ABDELAZIEM ELGENDI 2. HEBA ABDALLAH MOHAMED ABDALLAH 3. MAHMOUD ATTIA EL-BAYOUMI
(73)	1. 2.
(30)	1. 2. 3.
(74)	MAGDA MUHASSEB ELSAYED
(12)	Patent

(54) A DEVICE FOR FLAT SHEET MEMBRANE PREPARATION Patent Period Started From 01/02/2015 and Will end on 30/01/2035

(57) This invention involves the manufacture of a device for flat sheet membrane preparation with repeatable and homogenous properties at the same operating conditions. It is able to control digital speed of the drawing, submerging time of immersion and controls temperature of immersion bath. The small amount of raw materials for preparation can be used to reach the optimum membrane structure, which facilitates the possibility of industrial application with low cost, preparation of different kinds of membranes were applied like polyvinylchloride membranes, the actual width of the membrane after drying to 60 cm and the actual length of 1 m.



PCT

- (22) 31/05/2016
- (21) 0889/2016
- (44) June 2018
- (45) | 18/12/2018
- (11) 29087

(51)	Int. Cl. 8 B01F 7/00
(71)	1. Invent Umwelt- und Verfahrenstechnik AGA (GERMANY) 2. 3.
(72)	1. HOFKEN, Dr. Marcus 2. 3.
(73)	1. 2.
(30)	1. (DE) 10 2013 225 659.0 - 11-12-2013 2. (PCT/EP2014/072937) - 12-10-2014 3.
(74)	SANAA ABDEL SAMIE ABDULLAH SAADANI
(12)	Patent

DEVICE FOR CIRCULATING A LIQUID RECEIVED IN A CONTAINER

Patent Period Started From 12/10/2014 and Will end on 11/10/2034

(57) The invention relates to a device for circulating a liquid received in a container, in particular for circulating wastewater received in a tank, having a hyperboloid-like or truncated cone-like stirring body (1) mounted on a vertical shaft, wherein a plurality of transport ribs (T1 ... T8) extending from the peripheral edge (UR) in the direction of the shaft are provided on an outer side (A) of the stirring body (1), wherein a centerline (M1 ... M8) between two adjacent transport ribs (T1 ... T8) is defined by points of equal minimum distance from each crest line (K1 ... K8) of the two adjacent transport ribs (T1 ... T8), wherein an aperture (D1 ... D8) is provided in the stirring body (1) between the two transport ribs (T1 ... T8), and wherein an aperture area delimited by the edge of the aperture (D1 ... D8) has a geometric centre of gravity (S1 ... S8). In order to improve the efficiency of the device, it is proposed in accordance with the invention for the geometric centre of gravity (S1 ... S8) of the aperture area to be disposed in a region between the centerline (M1 ... M8) and the crest line (K1 ...



PCT

- (22) 31/05/2016
- (21) 0888/2016
- (44) **JULY 2018**
- (45) 18/12/2018
- (11) 29088

(51)	Int. Cl. 8 B01F 7/00 & B29C 65/00 & B21D 53/26
(71)	1. Invent Umwelt- und Verfahrenstechnik AGA (GERMANY) 2.
	3.
(72)	1. HOFKEN, . Marcus
	2.
	3.
(73)	1.
()	2.
(30)	1. (DE) 10 2013 225 658.2 - 11-12-2013
(00)	2. (PCT/EP2014/072111) - 15-10-2014
	3.
(74)	SANAA ABDEL SAMIE ABDULLAH SAADANI
(12)	Patent

(54) AGITATING MEMBER AND AGITATING DEVICE FOR CREATING A CURRENT IN A WASTEWATER TREATMENT BASIN

Patent Period Started From 15/10/2014 and Will end on 14/10/2034

(57) The invention relates to a stirring body, in particular for generating a current in a wastewater treatment tank, said stirring body having a hyperboloid-like or truncated cone-like form and a central connector piece for connection to a stirring shaft. To simplify the production of the stirring body and to reduce the transport outlay, it is proposed in accordance with the invention for the stirring body to be formed from a plurality of segments (S1 ... S8), which are interconnected along joining zones (F1 ... F8) extending from a peripheral edge (UR) in the direction of the connector piece.



PCT

- (22) 31/05/2016
- (21) 20160887
- (44) July 2018
- (45) 18/12/2018
- (11) 29089

(51)	Int. Cl. 8 B01F 7/00 & B21D 53/26 & B29C 65/00
(71)	 Invent Umwelt- und Verfahrenstechnik AGA (GERMANY) 3.
(72)	1. HOFKEN, . Marcus 2. 3.
(73)	1. 2.
(30)	1. (DE) 10 2013 225 658.2 - 11-12-2013 2. (PCT/EP2014/072111) - 15-10-2014 3.
(74)	SANAA ABDEL SAMIE ABDULLAH SAADANI
(12)	Patent

(54) STIRRING ELEMENT FOR CIRCULATING WASTEWATER IN A **BASIN, AND APPARATUS**

Patent Period Started From 15/10/2014 and Will end on 14/10/2034

(57) The invention relates to a device for circulating wastewater received in a tank, in which device a conical or hyperboloid-like stirring body is mounted on a vertical stirring shaft, wherein the stirring body is composed from a plurality of segments (S, S') produced from metal along radially extending joining zones (F1).



PCT

- (22) 23/05/2010
- (21) 0848/2010
- (44) June 2018
- (45) 18/12/2018
- (11) 29090

(51)	Int. Cl. ⁸ H03M 13/19, 13/27
(71)	1. SONY CORPORATION (JAPAN) 2. 3.
(72)	 YAMAMOTO, Makiko YOKOKAWA, Takashi
(73)	1. 2.
(30)	1. (JP) 2007-304690 - 26-11-2007 2. (JP) 2008-070467 - 18-03-2008 3. (PCT/JP2008/071385) - 26-11-2008
(74)	NAHED WADE REZK
(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) A data processing device and method in which resistance to an error of the code bit of an LDPC code such as a burst error or an erasure can be improved. If two or more code bits of the LDPC (Low Density Parity Check) code is one symbol, a column twist interleaver (24) performs rearrangement processing to rearrange the code bits of the LDPC code so that the code bits corresponding to 1 in one arbitrary row of a check matrix are not mapped by the one symbol. The data processing device and method can be applied to, e.g., a transmitter to transmit an LDPC code.



PCT

- (22) 14/03/2011
- (21) 0408/2011
- (44) August 2018
- (45) 18/12/2018
- (11) 29091

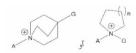
(51)	Int. Cl. 8 A61P 31/04 & A61K 31/5365, 3	31/546, 31/55 & C07D 505/24, 501/46, 519/06
(71)	1. Shionogi & Co., Ltd (JAPAN) 2. 3.	
(72)	1. YAMAWAKI, Kenji	4. NISHITANI, Yasuhiro
(, =)	2. TAKEOKA, Yusuke	5. SUGIMOTO, Hideki
	3. HISAKAWA, Shinya	6. AOKI,TOSHIAKI
(73)	1.	
(10)	2.	
(30)	1. (JP) 2008-280828 - 31-10-2008	
(50)	2. (PCT/JP2009/068400) - 27-10-2009	
	3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) CEPHALOSPOR1N HAVING CATECHOL GROUP Patent Period Started From 27/10/2009 and Will end on 26/10/2029

(57) The present invention provides cephem compounds which have a wide antimicrobial spectrum and have potent antimicrobial activity against beta-lactamase producing gram negative bacteria as follows: a compound of the formula: wherein, x is n, ch or c-cl; e is the formula: wherein r1 and r2 are each independently hydrogen, cl-3 alkyl or phenyl, r11 and r1 are hydrogen, and m refers an integer of 1 to 2; r5and r6each is independently hydrogen, or cl; a group of the formula: is the following formula: wherein n is an integer from 1 to 3 or an ester, a compound protected at the amino on the ring in the 7-side chain, a pharmaceutically acceptable salt, or a solvate thereof.









PCT

- (22) 21/03/2012
- (21) 0510/2012
- (44) June 2018
- (45) 19/12/2018
- (11) 29092

(51)	Int. Cl. 8 D06B 5/26
(71)	1. RAKAN, Alkhalaf (SAUDI ARABIA) 2.
	3.
(72)	1. RAKAN, Alkhalaf
	2.
	3.
(73)	1.
	2.
(30)	1. (SA) 110310576 - 06-07-2010
	2. (CT/CA2011/000748) - 22-06-2011
	3.
(74)	HASAN HASSAN MOUSTAFA
(12)	Patent

(54) DEVICE, SYSTEM, AND METHOD FOR REGISTRING AND AUTHETNTICATING HANDWRITTEN SIGNATURES AND ARCHIVING HANDWRITTEN INFORMATION

Patent Period Started From 22/06/2011 and Will end on 21/06/2031

(57) There is provided an electronic pen device configured to be used with a remote secure server for registering handwritten signatures, the secure server comprising an authentication database storing authentication information in connection with pre-registered users and a signature registration database for registering handwritten signatures, the electronic pen device comprising: an input/output (I/O) interface; a memory; a tip and capturing means connected thereto for capturing handwritten signatures; a network interface adapted to be connected to a data network, and a processing unit connected to the I/O interface, to the capturing means, to the memory and to the network interface. As another aspect of the invention, there is further provided a system for registering handwritten signatures. As another another aspect of the invention, there is further provided a method of authenticating handwritten signatures. As a further aspect of the invention, there is provided a method of signing a document by a plurality of contracting user. As a further further aspect of the invention, there is provided an electronic pen device configured to be used with a remote server for archiving handwritten information.



PCT

- (22) 21/03/2012
- (21) 0510D1/2012
- (44) June 2018
- (45) 19/12/2018
- (11) 29093

(51)	Int. Cl. 8 H04L 9/32 & G06F 9/32
(71)	1. RAKAN, Alkhalaf (SAUDI ARABIA) 2. 3.
(72)	 RAKAN,Khalid yousef Alkhalaf 3.
(73)	1. 2.
(30)	1. (SA) 110310576 - 06-07-2010 2. (CT/CA2011/000748) - 22-06-2011 3.
(74)	HASAN HASSAN MOUSTAFA
(12)	Patent

(54) DEVICE FOR ARCHIVING HANDWRITTEN INFORMATION Patent Period Started From 22/06/2011 and Will end on 21/06/2031

(57) There is provided an electronic pen device configured to be used with a remote secure server for registering handwritten signatures, the secure server comprising an authentication database storing authentication information in connection with pre-registered users and a signature registration database for registering handwritten signatures, the electronic pen device comprising: an input/output (I/O) interface; a memory; a tip and capturing means connected thereto for capturing handwritten signatures; a network interface adapted to be connected to a data network, and a processing unit connected to the I/O interface, to the capturing means, to the memory and to the network interface. As another aspect of the invention, there is further provided a system for registering handwritten signatures. As another another aspect of the invention, there is further provided a method of authenticating handwritten signatures. As a further aspect of the invention, there is provided a method of signing a document by a plurality of contracting user. As a further further aspect of the invention, there is provided an electronic pen device configured to be used with a remote server for archiving handwritten information.



PCT

- (22) 05/05/2015
- (21) 0694/2015
- (44) August 2018
- (45) 19/12/2018
- (11) 29094

(51)	Int. Cl. 8 A61F 13/15, 13/49, 13/494, 13/53
(71)	1. UNI-CHARM CORPORATION (JAPAN) 2.
	3.
(72)	1. SAKAGUCHI, Satoru
()	2.
	3.
(73)	1.
(13)	2.
(30)	1. (JP) 2012-247871 - 09-11-2012
(30)	2. (PCT/JP2013/080232) - 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	

(57) This disposable diaper has a crotch stretch section formed at a position at which said crotch stretch section overlaps an absorbent body in a crotch region. Said crotch stretch section is formed so as to straddle an imaginary product centerline (VLT) and overlaps a fold-in-half line (FL). An imaginary crotch centerline (VLC) is provided forwards of the imaginary product centerline (VLT), and the fold-in-half line (FL) is provided rearwards of the imaginary product centerline (VLT).



PCT

(22) 14/07/2010

(21) 1185/2010

(44) July 2018

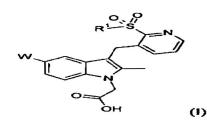
(45) 19/12/2018

(11) | 29095

(51)	Int. Cl. ⁸ A61K 31/4439, A61P 11/06, A61I A61P 27/14	P 17/00, C07D 401/06, A61P 29/00, A61P 37/08,
(71)	1. OXAGEN LIMITED (UNITED KINGDOME) 2. 3.	
(72)	 WYNNE, Graham, Michael VILE, Julia PETTIPHER, Eric, Roy 	4. WHITTAKER, Mark5. ARMER, Richard, Edward6. SCHROER, Frank
(73)	1. 2.	
(30)	1. (GB) 0800874.0 - 18-01-2008 2. (GB) 0820526.2 - 10-11-2008 3. (PCT/GB2009/000142) - 19-01-2009	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) INDOLE ACETIC ACID DERIVATIVES AS CRTH2 ANTAGONIST FOR TREATMENT OF ALLERGIC DISEASES Patent Period Started From 19/01/2009 and Will end on 18/01/2029

(57) This invention relates to indole acetic acid derivatives of formula (i), wherein w is chloro or fluoro; R^1 is phenyl optionally substituted with one or more substituents selected from halo, -CN, -C₁-C₆ alkyl, -SO₂R³, -SO₂R³, -SO₂N(R²)₂, -N(R²)₂, -NR²C(O)R³, -CO₂R², -CONR²R³, -NO₂, -OR², -SR², -O(CH₂)_pOR², and -O(CH₂)_pO(CH₂)_q, OR² wherein each R² is independently hydrogen, -C₁-C₆ alkyl, -C₃-C₈ cycloalkyl, aryl or heteroaryl; each R³ is independently, -C₁-C₆ alkyl, -C₃-C₈ cycloalkyl, aryl or heteroaryl; p and q are each independently an integer from 1 to 3, and their pharmaceutically acceptable salts, hydrates, solvates, complexes or prodrugs, wherein said derivatives are crth2 antagonists and are used for treatment of allergic diseases .



32



PCT

- (22) 04/03/2014
- (21) 0334/2014
- (44) **September 2018**
- (45) 24/12/2018
- **(11) 29096**

(51)	Int. Cl. 8 G01V 1/38
(71)	1. PGS Geophysical AS (NORWAY) 2. 3.
(72)	 Oyvind Hillesund TorbjOn Ursin Toralf Lund
(73)	1. 2.
(30)	1. (US) 13/831.362 - 14-03-2013 2. 3.
(74)	MOHAMED KAMEL MOSTAFA
(12)	Patent

(54) AUTOMATED LATERAL CONTROL OF SEISMIC STREAMERS Patent Period Started From 14/03/2013 and Will end on 13/03/2033

(57) In the field of marine geophysical surveying, systems and methods for controlling the spatial distribution or orientation of a geophysical sensor streamer or an array of geophysical sensor streamers towed behind a survey vessel are provided. Various techniques for changing the spatial distribution or orientation of such geophysical sensor streamers in response to changing conditions are provided. For example, crosscurrent conditions may be determined based on configuration data received from positioning devices along the length of a streamer, and a new desired orientation for the streamer may be determined based on the crosscurrent conditions. The new desired orientation may include a new desired feather angle for the streamer.



PCT

- (22) 29/09/2015
- (21) 1583/2015
- (44) August 2018
- (45) 25/12/2018
- (11) 29097

(51)	Int. Cl. ⁸ E02B 3/16
(71)	1. CARPI TECH B.V. (NETHERLAND) 2. 3.
(72)	 SCUERO, Alberto Maria 3.
(73)	1. 2.
(30)	1. (IT) MI2013A000560 - 09-04-2013 2. (PCT/EP2014/057153) - 09-04-2014 3.
(74)	MOHAMMED ABDEL-AAL ABDEL-ALIM
(12)	Patent

(54) METHOD AND DEVICE FOR COVERING AND WATERPROOFING JOINTS IN HYDRAULIC WORKS Patent Period Started From 09/04/2014 and Will end on 08/04/2034

(57) A method and a device for covering and waterproofing joints between concrete members of hydraulic works, such as dams, canals, hydraulic galleries and reservoirs. A flexible cover strip comprising a flexible waterproofing membrane in elastomeric material having a first elastic modulus (E1), and at least one flexible support layer in synthetic material having a second elastic modulus (E2) greater than the first elastic modulus (E1) for limiting deformation of the impermeable membrane ,is straddled between the opposite concrete members ,for example at vertical joints and/or at longitudinal joints of the hydraulic work. The support layer and the waterproofing membrane are transversely folded in a loop and laid down inside and/or outside the joint sealingly fastening the cover strip to the concrete members along the edges thereof. Movements between concrete members of the joint lare compensated by a free extension of the folded cover strip .



PCT

- (22) 18/06/2014
- (21) 0993/2014
- (44) | September 2018
- (45) 26/12/2018
- (11) 29098

(51)	Int. Cl. 8 B65D 51/28
(71)	 ISOLINE EU, S.R.O (Czech Republic) 3.
(72)	 Pichrt, Vladislav 3.
(73)	1. 2.
(30)	1. (CZ) PUV 2011-25343 19-12-2011 2. (PCT/IB2012/050626) - 13-02-2012 3.
(74)	WAGDY NABEH AZEZ
(12)	Patent

(54) DISPENSING CLOSURE INTO A BOTTLE CONTAINING A LIQUID

Patent Period Started From 13/02/2012 and Will end on 12/02/2032

(57) The invention relates a dispensing closure into a bottle containing a liquid consisting of a closure body with at least two dispensing-metering chambers, and a piston situated in each of the chambers, wherein the closure body containing the pistons has an upper side closed by a plastic cover, the plastic cover including a separable, tamper-resistant lock, the bottoms of the chambers being closed with a covering foil, the at least two chambers being situated in a bottom part of the closure body and extending into an upper guiding part of the closure body having a form of guides, cross-sections of which coincide with cross-sections of at least a portion of the chambers, wherein the plastic cover is rotatably mounted on the closure body and includes an upper part including the lock and an opening defined therein, and when the plastic cover is rotated to a first position on the closure body, the opening is sized to permit access to one of the pistons situated in one of the chambers, and the plastic cover prevents access to another piston situated in another chamber, and wherein the underside of each piston includes a plastic cutter for cutting the covering foil.



PCT

- (22) 30/04/2015
- (21) 0667/2015
- (44) **September 2018**
- (45) |26/12/2018
- (11) 29099

(51)	Int. Cl. 8 B01D 45/06, 45/08
(71)	1. Po-Hui CHEN
	2.
	3.
(72)	1. Po-Hui CHEN
	2.
	3.
(73)	1.
	2.
(30)	1.
()	2.
	3.
(74)	MAHMOUD ADEL ABDEL HAMEED
(12)	Patent

(54) FILTER ASSEMBLY FOR A FLUID FILTER Patent Period Started From 30/04/2015 and Will end on 29/04/2035

(57) A filter assembly for a fluid filter includes a plurality of filter units assembled in series, and each filter unit includes: a connecting member, an input member and an output member. The input member of each of the filter units has an extending pipe connected to a connecting pipe of another filter unit, so that the filter units can be easily assembled by directly screwing the connecting pipe of the connecting member of one filter unit into the extending pipe of the input member of another filter unit, without using tools or fasteners. Hence, the assembling cost is relatively reduced.



PCT

- (22) 12/05/2016
- (21) 0799/2016
- (44) July 2018
- (45) 26/12/2018
- (11) 29100

(51)	Int. Cl. 8 A61F 9/007	
(71)	1. AQUESYS, INC (UNITED STATES OF A 2. 3.	AMERICA)
(72)	 HORVATH, Christopher ROMODA, Laszlo O AHMED, Iqbal K HAMSTROM, Brian Scott 	5. JUNG, Wesley Anne 6. VERA, Vanessa I 7. BACHE, Ronald D
(73)	1. 2.	
(30)	1. (US) 61/904,429 - 14-11-2013 2. (PCT/US2014/065515) - 13-11-2014 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) INTRAOCULAR SHUNT INSERTER Patent Period Started From 13/11/2014 and Will end on 12/11/2034

(57) An inserter for treating glaucoma can include a housing, a needle, a plunger, a slider component, and a drive component. The drive component is disposed within a cavity of the housing and rotatable within the cavity to result in movement along a longitudinal axis of the inserter to the needle and the plunger upon rotation of the drive component. The slider component is coupled to the housing and slidable along an elongate groove of the drive component such that movement of the slider component along the axis rotates the drive component within the housing.



PCT

- (22) 25/06/2006
- (21) 0265/2006
- (44) October 2018
- (45) 13/12/2018
- (11) 29101

(51)	Int. Cl. 8 A61B 1/00, 1/87 & G16H 50/00
(71)	1. BASIM ABD-EL-FATTAH EL-GAZZAR (EGYPT) 2. 3.
(72)	1. BASIM ABD-EL-FATTAH EL-GAZZAR 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	Patent

(54) MEDICAL SPECULUM THAT DOESN'T OBSTRUCT THE VISION Patent Period Started From 25/06/2006 and Will end on 24/06/2026

(57) Medical speculum made of 4 arms and 2 rings, when the first ring moves over the second the 4 arms open and the 4 vaginal walls could be seen without obstruction of vision.



PCT

- (22) 07/11/2010
- (21) 1883/2010
- (44) October 2018
- (45) | 13/12/2018
- (11) 29102

(51)	Int. Cl. 8 C07C 51/34, 51/16
(71)	1. TAREK MOHAMED ABDALLA (EGYPT) 2. 3.
(72)	1. TAREK MOHAMED ABDALLA 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	Patent
(12)	1 mon

(54) MIXTURE OF CONTAINING AZELAIC ACID AND PEROXIDES BY MEANS OF OZONOLYSIS OF PLANT OILS COINTAINING OLEIC ACID ESPECIALLY OLIVE OIL

Patent Period Started From 07/11/2010 and Will end on 06/11/2030

(57) THIS invention is related to Preparation of mixture of Natural origin carboxylic acid which contain mainly Azelaic acid and Peroxides by means of ozonolysis of Oleic acid containing plant oil especially Extraversion olive oil Due to the presence of Azelaic acid which is register in WHOs drug list as dermal anti-acini material and due to known antiseptic effect of peroxide This Preparation could be used in cosmetics for treatment of Acini buffering and face masking. The method of preparation include how to control such reaction of ozon and oil in especial apparatus to reach the required result.



(22) 09/12/2010

(21) 2089/2010

(44) October 2018

(45) 31/12/2018

(11) 29103

PCT

(51)	Int. Cl. 8 C02F 1/14
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)
	2. GALAL A.M.NAWWAR
	3. HOSSAM EL DEEN ABD EL FATAH AHMED HAMED
(72)	1. GALAL A.M.NAWWAR
()	2. NATIONAL RESEARCH CENTER
	3. HOSSAM EL DEEN ABD EL FATAH AHMED HAMED
(73)	1.
(1-7)	2.
(30)	1.
()	2.
	3.
(74)	Focal point - NATIONAL RESEARCH CENTER
(12)	Patent

UNIT FOR ON USE WATER PURIFICATION UTILIZING SOLAR **ENERGY (PUBLIC FILTER)**

Patent Period Started From 09/12/2010 and Will end on 08/12/2030

(57) Apparatus for purification of water to be used in drinking was invented. The apparatus utilized sunlight in water sterilization also it used special active charcoal, photo-active titanium oxide and rice straw silica for purification of heavy metals and organic pollutants. Zeoliate may be added in case of water hardness.



(22) 23/02/2011

(21) 0307/2011

(44) October 2018

(45) 13/12/2018

(11) 29104

(51)	Int. Cl. 8 B63H 1/14, 1/26, 5/07
(71)	1. AHMED ABD ELLATIF AHMED (EGYPT) 2. 3.
(72)	1. AHMED ABD ELLATIF AHMED (EGYPT) 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	A ROBIT WITH SWAY STICK
	Patent Period Started From 23/02/2011 and Will end on 22/02/2031

(57) It is anew movement technique works by moving thebouy by making a pressure re difference between stem and stern as the stick is apiece of rectangular with sway motion in two stvokes an effective stroke and another not effective stroke thus the bouy is moving with half of work done in the old normae conrential stick and its bossidle to use machine to move the stick as the movement needed is recibro cating with apossiblty to move the bouy above the water anel under water and extremely deep water



PCT

- (22) 25/02/2013
- (21) 0308/2013
- (44) October 2018
- (45) 13/12/2018
- (11) 29105

(51)	Int. Cl. 8 B36B 22/00
(71)	1. HAMDY ESAM MOHAMED MOKHTAR SOLIMAN (EGYPT) 2. 3.
(72)	1. HAMDY ESAM MOHAMED MOKHTAR SOLIMAN 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) FLOATING MARITIME BERTH CAN BE CARRIED BY AIR Patent Period Started From 25/02/2013 and Will end on 24/02/2033

(57) The first part of the floating pier system consists of a group of strong "jet skis" (flatten and install floating quay in place) and tie the vessel around the damaged ship, "the second part" is a set of buoys constituent the floating pier, and generally the second and third tied together, but it is possible to release their association after the installation is complete. the floating pier consists of a set of fixed buoys and inflatable buoys installed intricately, and the system when compiled and linked is similar the lower part of the ship.



PCT

- (22) 12/06/2013
- (21) 1006/2013
- (44) October 2018
- (45) 31/12/2018
- (11) 29106

(51)	Int. Cl. 8 B25C 5/02
(71)	1. MOHAMED FAHMY MUSTAFA KADY (EGYPT)
, ,	2.
	3.
(72)	1. MOHAMED FAHMY MUSTAFA KADY
, ,	2.
	3.
(73)	1,
. ,	2.
(30)	1.
	2.
	3.
(74)	
(12)	Patent

(54) A PART OF A STPLER FOR STAPLING DOCUMENTS OPERATED BY AIR PRESSURE Patent Period Started From 12/06/2013 and Will end on 11/06/2033

(57) The present invention relates to a part of stapler for stapling documents operated by air pressure. According to this invention, an axis movable part is mounted and is abutted at its the ends on two pellets to facilitate the said pivotal movement. It is also provided with a buffer made of steel that bends the pin.



PCT

- (22) 18/07/2013
- (21) 1195/2013
- (44) October 2018
- (45) 13/12/2018
- **(11) 29107**

(51)	Int. Cl. 8 A61H 39/04
(71)	1. SEHAM MOHAMED SALEM (EGYPT)
	2.
	3.
(72)	1. SEHAM MOHAMED SALEM
	2.
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(73)	1.
(-)	2.
(30)	1.
(0 0)	2.
	3.
(74)	POINT OF CONTACT TANTA UNIVERSITY
(12)	Patent

(54) A DEVICE TO OVERCOME DYSMENORRHEA Patent Period Started From 18/07/2013 and Will end on 17/07/2033

(57) The current invention is a bracelet designed to overcome dysmenorrhea. The device is stabilized in die legs at the pressure point (sp6) to compress and massage at the same time from a minute to two minutes three times a day from the onset of the menstrual cycle.



PCT

- (22) 13/03/2014
- (21) 0404/2014
- (44) October 2018
- (45) 13/12/2018
- **(11)** | **29108**

(51)	Int. Cl. 8 E03D 1/38, 11/13, 11/18
(71)	1. TAREK MOHAMAD SHAABAN MOHAMAD GHONAME (EGYPT) 2. 3.
(72)	1. TAREK MOHAMAD SHAABAN MOHAMAD GHONAME 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	DOUBLE FLUSHING TOILET TANK
	Patent Period Started From 13/03/2014 and Will end on 12/03/2034

(57) The present invention relates to a double flushing toilet tank so as to be environmentally safe as well as water. Regarding the environment, it prevents odors come from the toilet by using reversed u-shape flexible connection in which wastes are discharged upon using it. As for water saving, limited amount of water (up to 1 liter) is used.



PCT

(22) 27/03/2014

(21) 0489/2014

(44) October 2018

(45) 13/12/2018

(11) 29109

(51)	Int. Cl. 8 A21C 5/00
(71)	1. MOHAMED SADIK YOUSIF (EGYPT)
	2. 3.
(72)	1. MOHAMED SADIK YOUSIF 2.
	3.
(73)	1. 2.
(30)	1.
	2. 3.
(74)	
(12)	Patent

(54)	DIVIDER SOFT DOUGH
	Patent Period Started From 27/03/2014 and Will end on 26/03/2034

(57) Divider soft dough consists of spender used screw . found valve work air screw .get motor control wight by timer efectric panep or add axis inside screw end control wight.



PCT

- (22) 08/06/2015
- (21) 0916/2015
- (44) October 2018
- (45) 13/12/2018
- **(11) 29110**

(51)	Int. Cl. ⁸ A61B 6/04	
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. FACULTY OF APPLIED ARTS	
	3.	
(72)	1. DOAA ELGOHARY HANAFY ELGOHARY 4. TAMER FAROUK MOHAMED ALI	
(12)	2. ASHRAF ALI ELDESOKY SHAMAA	KHALIFA
	3. ELHAM ABD EL-GAWAD HASSAN	5. MONA MAHMOUD SALEM
	5. ELHAM ADD EL-GAWAD HASSAN	
		6. NERMIN MOHAMED ALY MOHAMED
(73)	1. 2.	
(30)	Mona Mahmoud Salem	
(30)	2.	
	3.	
(74)	FOCAL POINT - NATIONAL RESEARCH CENTER	
(12)	Patent	

(54) METHOD FOR DESIGNING, FORMING AND PRODUCING OF TEXTILE MESHES FOR REINFORCING CARDIAC HYPERTROPHY FOR ANIMALS

Patent Period Started From 08/06/2015 and Will end on 07/06/2035

(57) This request is related for designing, forming and producing of knitted mesh textiles that can be used to support and reduce left ventricular wall stress from cardiac hypertrophy which is one of the major problems affect the heart and may lead to heart failure. The study depends on the manufacture of three nylon samples (weft knitted mesh) with yarn count with three different mesh sizes (small-medium-large). Physical and mechanical tests were applied on the mesh samples under certain conditions in order to evaluate the fabric ability to meet its performance requirements. Experimental model was used for better understanding of the disease progression and elaborate new therapy through using the produced textile meshes. Clinical examinations and evaluation which including echocardiograph and radiograph (x-ray) were done weekly after induction of cardiac hypertrophy and sample implantation. Heart samples were taken three months after sample implantation from dogs to make scanning electron microscope and histopathology. The results indicated that sample gave the best performance.



PCT

- (22) 17/05/2015
- (21) 0822/2015
- (44) October 2018
- (45) | 13/12/2018
- (11) | 29111

(51)	Int. Cl. 8 A61C 5/14
(71)	1. AHMED ALI MOHAMED TORAD (EGYPT)
()	2. 3.
(72)	1. AHMED ALI MOHAMED TORAD
	2. 3.
(73)	1. 2.
(30)	1.
	2. 3.
(74)	
(12)	Patent

(54) CHILD EXERCISE DEVICE (PETD) Patent Period Started From 17/05/2015 and Will end on 16/05/2035

Cerebral palsy is an umbrella term that includes a range of non-communicable diseases that cause physical disability to human development. Cases of cerebral palsy are the most important disorder of children at the present time, it affects the entire family and consume economic and psychological resources, it was showed that the economic cost of injury associated with cerebral palsy in the United States is 921,000 USD per person; includes wasted income as a result of this disease. And the old ways of treatment uses many devices such as a standing table to stand and corner chair to sit and wedge to weight bear on the hands. But this leads to large consumption of the doctor to his physical energy, high session's prices because the doctor is dealing with only one child and cannot deal with any other one, fatigue at work and the inability of the doctor to work more than an hour session with the same efficiency, doctor's injuries continuity over the years, the lack of standards to measure the quality of the sessions and wasting the time of the doctor in the work of the exercises that can be taught to some of the technicians in order to provide time for the benefit of other patients and the old ways also have difficulty in applying the electrical stimulation during the exercises, attracting the attention of the child, applying intensive treatment (three hours and older) and approximation exercises to alert the movement and the place so it is necessary to find a device to remedy all the shortcomings mentioned above, the device is quite similar to the children's bed, but with a private specifications and weighs 27 kg and it has many attachments such as: Sticky knee, time alarm kit, belt with width of 3 cm, electrical stimulation device, rubber rope of 75 cm or 100 cm, massage device, iPod device and pieces of rubber. More than 15 exercise could be done on this device, also this device may be improved by adding task, visual or auditory stimulus such as iPod and\or electrical stimulation. Also approximation exercise may be done using the massage device by tying it to the part to work on it. Time may be adjusted using time alarm and when increasing the time above 15 min time period is renewed also electronic unit may be added to ease adjustment.



PCT

- (22) 15/06/2016
- (21) 1036/2016
- (44) October 2018
- (45) 13/12/2018
- (11) 29112

(51)	Int. Cl. 8 A01N 25/00, 25/02 & A01P 7/00
(71)	1. NAIRA SAMER ELMASRY METWALLY (EGYPT) 2. AWAD I. AHMED 3.
(72)	1. NAIRA SAMER ELMASRY METWALLY (EGYPT) 2. AWAD I. AHMED 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	POINT OF CONTACT AT MANSOURA UNIVERSITY
(12)	Patent

(54) PREPARATION OF SOME NEW NANO SURFACTANTS AND STUDY OF THEIR EFFECTIVENESS AND PERSISTENCE ON SOME INSECTICIDES FORMULATIONS

Patent Period Started From 15/06/2016 and Will end on 14/06/2036

(57) The present demand relates to the preparation of new nano complexes with surface activity. The first group includes compounds called tetra halo cuprate cationic surfactants. The second group includes the preparation of anionic and nonionic surfactant complexes, the chemical composition, functional groups and the chemical and physical properties of these new compounds were measured to know their surface properties, these new compounds were used to improve the efficiency of insecticides and the persistence of some insecticide formulations used to fight larvae of cotton leaf worm (spodoptera littoralis (boha.)) In the second larval age by altering their chemical and physical properties by reducing the surface tension of the solvent water and /or acidity of mixed pesticide.



PCT

- (22) 26/10/2016
- (21) 1761/2016
- (44) October 2018
- (45) 13/12/2018
- (11) 29113

(51)	Int. Cl. 8 A23C 19/09 & B65D 85/76
(71)	1. NADIA ABED EL MEGEID ABOU ZEID (EGYPT) 2.
	3.
(72)	1. NADIA ABED EL MEGEID ABOU ZEID
, í	2.
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(73)	1.
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(30)	1.
, ,	2.
	3.
(74)	
(12)	Patent

(54) MESH PRODUCT AND METHOD FOR ITS PRODUCTION IN DRY FORM TO AVOID INFECTION WITH CHEESE FLY Patent Period Started From 26/10/2016 and Will end on 25/10/2036

(57) The invention relates to mesh product and method for producing in dry form to avoid the infection with cheese fly. The mesh is ripping at rom temperature in summer season in dry form in the form of molds.



PCT

- (22) 05/02/2012
- (21) 0193/2012
- (44) July 2018
- (45) 13/12/2018
- (11) 29114

(51)	Int. Cl. 8 A01N 43/64	
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.	
(72)	 CROUSE, Gary LAMBERT, William SPARKS, Thomas 	4. CUDWORTH, Denise
(73)	1. 2.	
(30)	1. (US) 61/232,142 - 07-08-2009 2. (PCT/US2010/044538) - 05-08-2010 3.	
(74)	AMR MOFED ELDEEP	
(12)	Patent	

(54)	PESTICIDAL COMPOSITIONS
	Patent Period Started From 05/08/2010 and Will end on 04/08/2030

(57) The present invention concerns novel heteroaryl-N-aryl carbamates and their use in pest control, as insecticides and acaricides This invention also includes preparation of the pesticide compositions containing the compounds, and methods of controlling insects using the compounds.



PCT

- (22) 16/02/2014
- (21) 0216/2014
- (44) July 2018
- (45) 13/12/2018
- (11) 29115

(51)	Int. Cl. 8 A01N 43/60
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	1. MANN, Richard K 2. 3.
(73)	1. 2.
(30)	1. (US) 61/523,884 - 16-08-2011 2. (PCT/US2012/050862) - 15-08-2012 3.
(74)	AMR MOFED ELDEEP
(12)	Patent

(54) SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PENOXSULAM AND FLORASULAM Patent Period Started From 15/08/2012 and Will end on 14/08/2032

(57) A synergistic herbicidal composition containing (a) penoxsulam and (b) florasulam provides weed control in multiple crops and settings, e.g., rice, cereal and grain crops, turf, industrial vegetation management, sugar cane, range and pasture, and tree and vine orchards.

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



(22) 26/08/2015

(21) | 1331/2015

(44) July 2018

(45) 31/12/2018

PCT (11) 29116

(51)	Int. Cl. 8 A01N 25/32
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. SCHULZ, Thomas
	2.
	3.
(73)	1.
, ,	2.
(30)	1. (US) 775,031 /61 - 08-03-2013
, ,	2. (PCT/US2014/021679) - 07-03-2014
	3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) HERBICIDAL COMPOSITIONS COMPRISING ISOXABEN AND AMINOPYRALID

Patent Period Started From 07/03/2014 and Will end on 06/03/2034

(57) Herbicidal compositions and methods of controlling undesirable vegetation using a combination of (a) isoxaben, (b) aminopyralid or an agriculturally acceptable salt or ester thereof, and optionally (c) flufenacet and (d) diflufenacet provide control of broad-leaved weeds. The protection of crops from weeds and other vegetation which inhibit crop growth is a constantly recurring problem in agriculture. To help combat this problem, researchers in the field of synthetic chemistry have produced an extensive variety of chemicals and chemical formulations effective in the control of such unwanted growth.

Arab Republic of Egypt

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



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN JANUARY 2019"

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.

President of Patent Office

Dr. Mona M. Yehia

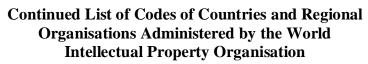
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Inventor Name	72
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Code	Country
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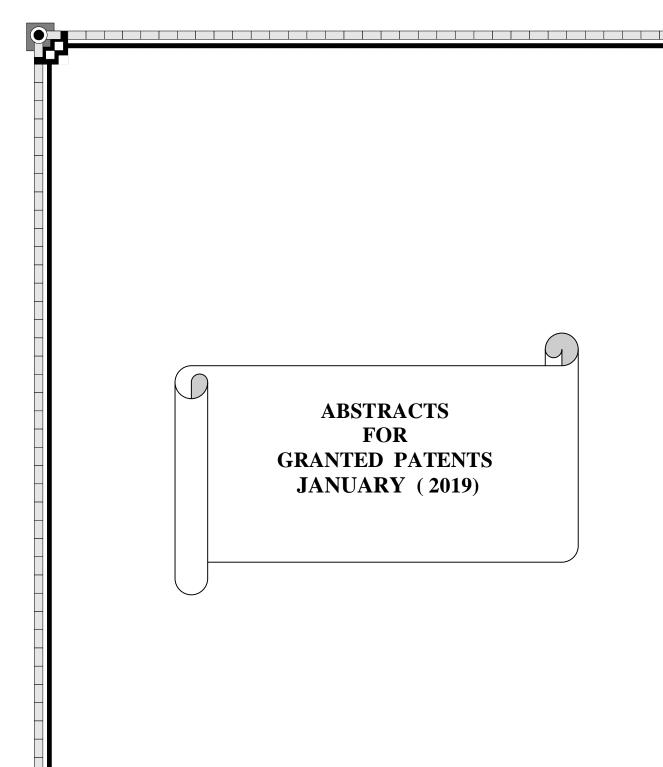
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VE	Venezuela
VN	Viet Nam
YD	Yemen
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe





PCT

- (22) 20/11/2013
- (21) | 1783/2013
- (44) | September 2018
- (45) 02/01/2019
- (11) 29117

(51)	Int. Cl. ⁸ B27N 1/02
(71)	1. SIEMPELKAMP MASCHINEN- UND ANLAGENBAU GMBH & CO. KG (GERMANY) 2. 3.
(72)	 OHLENDORF, Rudolf Christopher STAUB, Gunter TRUMMEL, Rolf
(73)	1. 2.
(30)	1. (DE) 10 2011 103 326.6 - 27-05-2011 2. (PCT/EP2012/059833) - 25-05-2012 3.
(74)	SOHEIR MICHAEL RIZK
(12)	Patent

(54) DEVICE AND METHOD FOR GLUING FIBERS Patent Period Started From 25/02/2012 and Will end on 24/02/2032

(57) A device for gluing fibers or similar particles, in particular for the production of wood material panels, for example fiber panels, having a blowline through which the fibers to be glued are transported, wherein there are connected to the blowline a plurality of nozzles which issue into the blowline and by means of which the fibers transported through the blowline can be sprayed with glue, wherein the nozzles are formed as multiple-substance nozzles, for example two-substance nozzles for the purpose of steam atomization, to which nozzles in each case at least one glue feed line and one steam feed line are connected, characterized in that in each case one glue valve and one throughflow measurement device are integrated into the glue feed lines, and in that the glue valves and the throughflow measurement devices are connected to at least one control and/or regulating device, such that the throughflow rate for each glue feed line can be separately controlled or regulated by means of the glue valves.



PCT

- (22) 22/11/2009
- (21) 1706/2009
- (44) July 2018
- (45) 08/01/2019
- (11) 29118

(51)	Int. Cl. 8 C09K 8/504, 8/506, 8/66, 8/68
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	 CREWS, James, B. HUANG, Tianping 3.
(73)	1. 2.
(30)	1. (US) 11/754,656 - 29-05-2007 2. (PCT/US2008/066481) - 11-06-2008 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) COMPOSITIONS AND METHODS FOR CONTROLLING FLUID LOSS

Patent Period Started From 11/06/2008 and Will end on 10/06/2028

(57) Alkaline earth metal compounds may be fluid loss control (FLC) agents for viscoelastic surfactant (VES) fluids used for fluid loss control pills, lost circulation material pills and kill pills in hydrocarbon recovery operations. The FLC agents may include, but not be limited to oxides and hydroxides of alkaline earth metal, and in one case magnesium oxide where the particle size of the magnesium oxide is between 1 nanometer to 0.4 millimeter. The FLC agent may alternatively be transition metal oxides and/or transition metal hydroxides. The FLC agent appears to associate with the VES micelles and together form a novel pseudo-filter cake quasi-crosslinked viscous fluid layer that limits further VES fluid flow into the porous media. The FLC agent solid particles may be added along with VES fluids. The pills may also contain internal breakers to reduce the viscosity thereof so that the components of the pill may be recovered. Selon



PCT

- (22) 16/03/2015
- (21) 0400/2015
- (44) | September 2018
- (45) 08/01/2019
- (11) 29119

(51)	Int. Cl. 8 B28B 11/00, 11/04 & B05C 5/00, 19/00, 19/04 & B41M 5/00, 5/025
(71)	1. SYSTEM S.P.A (ITALY) 2.
	3.
(72)	 CAMORANI,CARLO ANTONIO STEFANI, FRANCO 3.
(73)	1. 2.
(30)	1. (IT) MO2012A000224 - 20-09-2012 2. (PCT/IB2013/058632) - 18-09-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

TRANSFER DECORATING MACHINE AND METHOD FOR TRANSFERRING AN IMAGE

Patent Period Started From 18/09/2013 and Will end on 17/09/2033

Transfer decorating machine that utilises powdered material or granules comprises: a mobile rest surface, on which the objects to be decorated are translated according to a predetermined direction; a device for the application of a decoration, operating above the mobile rest surface and provided with a mobile transfer belt, which is a closed loop between movement rollers having mutually parallel axes, and serves the function of receiving a decoration realised with powdered material or granules and then transferring it on objects to be decorated. Said device comprises a first unit suitable for composing a decoration on the transfer belt and a second unit that carries out the transfer of the decoration from the transfer belt onto an object to be decorated. The transfer belt is commanded to move in a direction concordant with that of the mobile rest surface. The second unit comprises a section located in the lower part of the transfer belt that has the external side thereof facing downwards and facing, at a predetermined distance, a surface to be decorated of an object lying on the mobile rest surface. This section extends between a curved surface of an abutment and a movement roller. There are means operating correspondingly on the internal side of the said section of the transfer belt to direct jets of air towards it, said jets of air generating a situation of turbulence.



PCT

- (22) 21/01/2014
- (21) 0084/2014
- (44) | September 2018
- (45) 08/01/2019
- **(11)** | **29120**

(51)	Int. Cl. ⁸ C08G 81/00 & A61K 9/16 & C08L 87/00
(71)	1. INNOCORE TECHNOLOGIES B.V. (NETHERLAND) 2. 3.
(72)	 STEENDAM, Rob FLIPSEN, Theodorus Adrianus Cornelius HIEMSTRA, Christine ZUIDEMA, Johan
(73)	1. 2.
(30)	1. (EP) 11174987.5 - 22-07-2011 2. (PCT/NL2012/050529) - 23-07-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) BIODEGRADABLE, SEMI-CRYSTALLINE, PHASE SEPARATED, THERMOPLASTIC MULTI BLOCK COPOLYMERS FOR CONTROLLED RELEASE OF BIOLOGICALLY ACTIVE COMPOUNDS

Patent Period Started From 23/07/2012 and Will end on 22/07/2032

(57) This invention is directed to a biodegradable, semi-crystalline, phase separated thermoplastic multi-block copolymer, a process for preparing said multi-block copolymer, a composition for the delivery of at least one biological active compound, and to a method for delivering a biologically active compound to a subject in need thereof. A multi-block copolymer of the invention is characterised in that: a) it comprises at least one hydrolysable pre-polymer (A) segment and at least one hydrolysable pre-polymer (B) segment, b) said multi-block copolymer having a Tg of 37 °C or less and a Tm of 110-250 °C under physiological conditions; c) the segments are linked by a multifunctional chain-extender; d) the segments are randomly distributed over the polymer chain; e) at least part of the pre-polymer (A) segment is derived from a water-soluble polymer.



PCT

- (22) 26/01/2015
- (21) 0139/2015
- (44) **September 2018**
- (45) 08/01/2019
- (11) 29121

(51)	Int. Cl. 8 C07C 273/16
(71)	1. CASALE SA (SWITZERLAND)
	2.
	3.
(72)	1. SCOTTO,ANDREA
	2.
	3.
(73)	1.
. ,	2.
(30)	1. (EP) 12178262.7 - 27-07-2012
	2. (PCT/EP2013/064045) - 03-07-2013
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CONCENTRATION OF THE UREA SOLUTION IN A PROCESS FOR THE SYNTHESIS OF UREA

Patent Period Started From 03/07/2013 and Will end on 02/07/2033

(57) A process and a related plant for the synthesis of urea, where a solution comprising urea is obtained in a synthesis section, said solution is treated in a recovery section, and an aqueous solution comprising mainly urea and water, which is obtained from said recovery section, is concentrated by means of contact with a water-selective membrane.



PCT

- (22) 11/12/2014
- (21) 2011/2014
- (44) **September 2018**
- (45) 08/01/2019
- (11) 29122

(51)	Int. Cl. ⁸ C11D 1/37, 1/83, 3/00, 3/20, 3/36, 1	/22, 1/29
(71)	 HENKEL AG & CO. KGAA (GERMAN 3. 	Y)
(72)	 EISSA, Hesham OSMAN, Walaa BARHOUMI, Moncef 	4. ELGHANDOUR, Nahla
(73)	1. 2.	
(30)	1. (EP) 1217 1648.4 - 12-06-2012 2. (PCT/EP2013/061913) - 10-06-2013 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) HIGH SUDS FABRIC WASHING LIQUID COMPOSITION Patent Period Started From 10/06/2013 and Will end on 09/06/2033

(57) He present invention relates to a high suds fabric washing liquid composition comprising a detergent active compound and a detergency builder mixture of citric acid and phosphonic acid, wherein the detergent active species is a mixture consisting of a linear or branched alkyl benzene sulphonate and a fatty alcohol ether sulfate.



PCT

- (22) 02/12/2013
- (21) 1849/2013
- (44) **September 2018**
- (45) 08/01/2019
- (11) 29123

(51)	Int. Cl. 8 A61K 9/08, 31/195, 31/4172, 31/198
(71)	1. LG shim LTD. (KOREA) 2.
	3.
(72)	 SO, Jin Eon KO, Youn Kyung
	3. CHOI, Suk Young
(73)	1. 2.
(30)	1. (KR) 10-2011-0053890 - 03-06-2011
	2. (PCT/KR2012/004369) - 01-06-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) STABLE LIQUID FORMULATION OF ETANERCEPT Patent Period Started From 01/06/2012 and Will end on 13/05/2033

(57) The present invention relates to a liquid method formulation of etanercept (recombinant p75 sTNFR:fc fusion protein), and more particularly, to a liquid method formulation comprising one of more stabilizers selected from the group consisting of methionine, lysine, histidine, and pharmaceutically acceptable salts thereof in an amount sufficient to reduce by-product formation of etanercept during storage. The liquid formulation according to the present invention effectively reduces production of etanercept by-products and to stably maintain its pharmaceutical efficacies for long-term storage. Therefore, the reconstitution procedure is not required before administration, and the sterile formulation can be administered to patients to ensure patient safety. Thus, it can be applied to the fields in need of etanercept treatment.



PCT

- (22) 01/01/2015
- (21) 0005/2015
- (44) **September 2018**
- (45) 08/01/2019
- (11) 29124

(51)	Int. Cl. 8 C04B 41/86 & C03C 8/14 & C09C 3/04 & C09D 11/00 & B41M 5/00
(51)	Int. Ct. C04B 41/80 & C05C 6/14 & C05C 5/04 & C05D 11/80 & B41/41 5/00
	A GYIGODALG A A GOLANA
(71)	1. SYSTEM S.P.A (ITALY)
	2.
	3.
(72)	1. STEFANI, Franco
(1-)	2. CAMORANI, Carlo Antonio
	3.
(73)	1.
(10)	2.
(30)	1. (IT) MI2012A001163 - 02-07-2012
(50)	2. (PCT/IB2013/055285) - 27-06-2013
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CERAMIC MATERIAL FOR DECORATION AND PROCESS FOR ITS PREPARATION

Patent Period Started From 27/06/2013 and Will end on 06/06/2033

- (57) The present invention relates to a process for the preparation of a granular material for digital control decoration, comprising the steps of
 - (a) grinding a solid composition comprising ceramic raw materials, preferably in the presence of water;
 - (b) granulating the ground composition of step a) in the form of agglomerates having sizes comprised from 0.02 mm to 2 mm; and
 - (c) calcinating said agglomerates at a temperature of at least 500°c.



PCT

- (22) 04/04/2013
- (21) 0568/2013 D1
- (44) **September 2018**
- (45) 08/01/2019
- (11) 29125

(51)	Int. Cl. 8 C10G 21/06	
(71)	1. THE QUEEN'S UNIVERSITY OF BELFAST (UNITED KINGDOME) 2. 3.	
(72)	 ABAI, Mahpuzah ATKINS, Martin Philip CHEUN, Kuah Yong HOLBREY, John 	5. NOCKEMANN, Peter6. SEDDON, Ken7. SRINIVASAN, Geetha8. 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 REMOVAL OF MERCURY FROM A MERCURY CONTAINING HYDROCARBON FLUID FEED

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 metallate salts comprising, contacting the mercury-containing hydrocarbon fluid feed with a metallate salt having the formula [Q+][(Mx+)n(Ly")m](nx-my) and separating from the metallate salt a hydrocarbon fluid product having a reduced mercury content compared to the mercury-containing fluid feed.



PCT

- (22) 10/03/2016
- (21) 0429/2016
- (44) July 2018
- (45) 08/01/2019
- (11) 29126

(51)	Int. Cl. 8 C07D 401/14, 405/14, 413/14, 407/14, 409/14, 413/04, 417/04, 417/14, 471/04, 513/04, 401/04, 403/04 & A01N 43/56, 43/78
(= 4)	, ,
(71)	1. E. I. DU PONT DE NEMOURS AND COMPANY (UNITED STATES OF AMERICA)
	2.
	2
	3.
(72)	1. CLARK, David, Alan
(12)	2. FRAGA, Breena, Gloriana
	, ,
	3. ZHANG, Wenming
(73)	1.
(13)	
	2.
(30)	1. (US) 61/329.877- 13-09-2013
(30)	
	2. (PCT/US2014/054671) – 09-09-2014
	3.
	SAMAR AHMED EL LABBAD
(74)	SAIVIAR ATIVIEU EL LADDAU
(12)	Patent

(54) HETEROCYCLE-SUBSTITUTED BICYCLIC AZOLE PESTICIDES Patent Period Started From 09/09/2014 and Will end on 08/09/2034

(57) Disclosed are compounds of Formula 1, including all geometric and stereoisomers, N-oxides, and salts thereof, and A,

R1, m, X1, X2, X3, X4, Y1, Y2 and Y3 are as defined in the disclosure. Also disclosed are compositions containing the compounds of Formula 1 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.



PCT

- (22) 02/09/2013
- (21) | 1382/2013
- (44) **September 2018**
- (45) 13/01/2019
- (11) 29127

(51)	Int. Cl. 8 E21B 33/13, 43/00
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	1. O'MALLEY, Edward J 2. 3.
(73)	1. 2.
(30)	1. (US) 13/074,594 - 29-03-2011 2. (PCT/US2012/030859) - 28-03-2012 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) APPARATUS AND METHOD FOR COMPLETING WELLS USING SLURRY CONTAINING A SHAPE-MEMORY MATERIAL PARTICLES

Patent Period Started From 28/03/2012 and Will end on 27/03/2032

(57) In aspects, the present disclosure provides a method of performing a wellbore operation, which in one embodiment includes supplying a mixture containing a fluid and shape memory particles of a first size into a selected region in the wellbore, retaining the shape memory particles of the first size in the selected region while expelling the fluid from the selected region, and activating the shape memory particles retained in the selected region to cause them to expand to attain a second shape to fill the selected region with shape memory particles having the second shape.



PCT

- (22) 26/01/2016
- (21) 0128/2016
- (44) | September 2018
- (45) 13/01/2019
- (11) 29128

(51)	Int. Cl. 8 B01D 1/28, 3/10 & C02F 1/04
(71)	1. industrial advanced services fz – llc (The United Arab Emirates) 2.
(72)	3. 1. FRANCOIS-MATHIEU, Winandy 2. 3.
(73)	1. 2.
(30)	1. (PCT/EP2013/065933) - 29-07-2013 2. (PCT/EP2014/066278) - 29-07-2014 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) METHODS AND FACILITIES FOR THERMAL DISTILLATION WITH MECHANICAL VAPOUR COMPRESSION

Patent Period Started From 29/07/2014 and Will end on 28/07/2034

(57) The invention provides several innovations relative to MVC thermal distillation methods and facilities in order to decrease their specific electricity consumption to values of only 2 to 4 kWh/m3 of distillate produced, as well as their manufacturing costs. The vapour transport system is reduced to its simplest expression and has a practically null total dynamic pressure loss. The compression system including the compressor motor) is completely integrated into the evaporator-condenser, installed in the inlet of the condensation zones, preferably provided with a system preventing overheating of the vapour, and driven at a high speed of rotation. Preferably, the auxiliary equipment is installed in the enclosure in a partial vacuum (hermetic chamber). According to one particular embodiment, the condensation zones have a section that decreases with the path of the vapour. The exchangers on the incoming and outgoing flows are supplied with continuously balanced heat loads. Heat losses are offset by auxiliary heating. Preferably, the facility can be made using a modular concept



PCT

- (22) 29/04/2016
- (21) 0789/2012
- (44) August 2018
- (45) 13/01/2019
- (11) 29129

(51)	Int. Cl. 8 B01D 1/28
(71)	1. SURREY AQUATECHNOLOGY LTD (UNITED KINGDOME) 2. 3.
(72)	1. NICOLL, Peter 2. 3.
(73)	1. 2.
(30)	1. (GB) 0918916.8 - 28-10-2009 2. (PCT/GB2010/001984) - 26-10-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	THERMAL DESALINATION
	Patent Period Started From 26/10/2010 and Will end on 25/10/2030

(57) A thermal desalination process comprising: introducing a feed solution into a thermal separation unit, distilling the feed solution in the thermal separation unit to produce a distillate stream and a residual stream having a higher solute concentration than the feed solution, contacting a portion of the residual stream from the thermal separation unit with one side of a selectively permeable membrane, contacting the opposite side of the selectively permeable membrane with a portion of the feed solution, such that water flows across the membrane to dilute the residual stream by direct osmosis, and introducing at least a portion of the diluted residual stream into the thermal separation unit.



PCT

(22) 10/04/2016

(21) 0617/2016

(44) July 2018

(45) 13/01/2019

(11) 29130

(51)	Int. Cl. 8 C07C 231/02, 233/15 & C07B 43/06	&
(71)	 Daewoong Pharmaceutical Co., Ltd (KOR 3. 	EA)
(72)	1. JIN, Yong Suk	4. KIM, Seung Tae
(1-)	2. KIM, Wol Young	5. KIM, Sang Hyun
	3. LEE, Joon Hwan	6. YOON, Hee Kyoon
(73)	1. 2.	
(30)	1. (KR) 10-2013-0128154 - 25-10-2013	
(3.0)	2. (PCT/KR2014/009991) - 23-10-2014	
	3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) A METHOD FOR PREPARING AN INTERMEDIATE OF IOPROMIDE Patent Period Started From 23/10/2014 and Will end on 22/10/2034

(57) The present invention relates to a method for preparing an intermediate of iopromide, and more particularly, to a method for preparing an intermediate of iopromide, in which 5-methoxyacetylamino-2,4,6-triiodoisophthalic acid dichloride is produced using 1,4-dioxane as a reaction solvent, and then reacted with 3-amino-1,2-propanediol using a solvent mixture of 1,4-dioxane or tetrahydrofuran (THF) and isopropanol as a reaction solvent to obtain the intermediate of iopromide with a faster reaction time, a smaller amount of solvent, and a higher yield.



PCT

- (22) 11/02/2016
- (21) 0221/2016
- (44) August 2018
- (45) 14/01/2019
- (11) 29131

(51)	Int. Cl. 8 F16B 17/00
(71)	1. I.G. CARDBOARD TECHNOLOGIES LTD.(ISRAEL) 2. 3.
(72)	1. GAFNI, Izhar 2. 3.
(73)	1. 2.
(30)	1. (IL) 61/871,475 - 29-08-2013 2. (PCT/IL2014/050595) - 02-07-2014 3.
(74)	GEORGE AZIZ ABD ELMALEK
(12)	Patent

(54)	STRUCTURAL ASSEMBLY AND METHOD OF ASSEMBLY	
	THEREOF	
	Patent Period Started From 02/07/2014 and Will end on 01/07/2034	

(57) Assemblies comprising first and second assembly members attached to one another via a connection arrangement and methods for forming such assemblies.



PCT

- (22) 24/06/2014
- (21) 1057/2014
- (44) **September 2018**
- (45) 14/01/2019
- (11) 29132

(51)	Int. Cl. ⁸ F24J 2/13, 2/14, 2/18
(71)	1. QUANTRILL ESTATE INC (US Virgin Islands) 2. 3.
(72)	1. KOMRAKOV, Evgeny Vyacheslavovich 2. 3.
(73)	1. 2.
(30)	1. (PCT/RU2011/001042) - 29-12-2011 2. 3.
(74)	GEORGE AZIZ ABD ELMALEK
(12)	Patent

(54) APPARATUS FOR CONCENTRATING ENERGY Patent Period Started From 29/12/2011 and Will end on 28/12/2031

(57) The invention relates to solar energy technology and can be used in solar power plants of the "tracking dish", "trough" and "solar tower" type and in other analogous systems. The technical result consists in increasing the availability of the technology, simplifying alignment and removing rigid limitations on the dimensions of a mirror system. The apparatus for concentrating energy comprises a main concentrator, an energy converter and an additional concentrator, which is mounted in the focal zone of the main concentrator, while the energy converter is mounted in the focal zone of the additional concentrator, wherein the additional concentrator is in the form of a segment of a cylindrical or spherical concave surface.



PCT

- (22) 09/09/2015
- (21) 1437/2015
- (44) **September 2018**
- (45) 15/01/2019
- (11) 29133

(51)	Int. Cl. 8 C09K 8/80, 8/84, 8/86, 8/92	
(71)	 SCHLUMBERGER Technology B V LIMI' 3. 	TED (Netherland)
(72)	 POTAPENKO, Dmitriy Ivanovich RAMSEY, Leland LESKO, Timothy M 	4. WILLBERG, Dean M5. LAFFERTY, Theodore B6. STILL, John W
(73)	1. 2.	
(30)	1. (US) 13/832,938 - 15-03-2013 2. (PCT/US2014/016346) - 14-02-2014 3.	
(74)		
(12)	Patent	

(54) COMPOSITIONS AND METHODS FOR INCREASING FRACTURE CONDUCTIVITY Patent Period Started From 14/02/2014 and Will end on 13/02/2034

(57) A method for treating a subterranean formation penetrated by a wellbore, comprising: providing a treatment slurry comprising a carrying fluid, a solid particulate and an agglomerant; injecting the treatment slurry into a fracture to form a substantially uniformly distributed mixture of the solid particulate and the agglomerant; and transforming the substantially uniform mixture into areas that are rich in solid particulate and areas that are substantially free of solid particulate, wherein the solid particulate and the agglomerant have substantially dissimilar velocities in the fracture and wherein said transforming results from said substantially dissimilar velocities is provided.



PCT

- (22) 19/11/2013
- (21) 1779/2013
- (44) August 2018
- (45) 15/01/2019
- (11) 29134

(51)	Int. Cl. 8 B60C 9/00, 9/20	
(71)	1. PIRELLI TYRE S.P.A. (ITALY) 2. 3.	
(72)	1. CEREDA, Giuseppe	4. ASCANELLI, Alessandro
(12)	2. BREGANTIM, Alexandre	5. DAGHINI, Guido, Luigi
	3. PIROVANO, Riccardo	or Bright (1) Guido, Buigi
	3. TIKO VAIVO, RICCATUO	
(73)	1.	
	2.	
(30)	1. (IT) MI2011A 000993 - 31-05-2011	
(30)	2. (US) 61/535,128 - 15-09-2011	
	3. (PCT/IB2012/052574) - 23-05-2012	
(74)	ABD ELHADI OFFICE	
(12)	Patent	
(12)		

(54) PNEUMATIC TYRE FOR HEAVY LOAD VEHICLE WHEELS Patent Period Started From 23/05/2012 and Will end on 22/05/2032

(57) Disclosed is a pneumatic tyre for heavy load vehicle wheels, comprising: a carcass structure, a belt structure applied in a radially outer position with respect to the carcass structure, and a tread band; the belt structure comprises at least one reinforcing layer incorporating a plurality of reinforcing cords arranged substantially along the circumferential direction; the belt structure further comprises a first main belt layer and a second main belt layer wherein the first main belt layer comprises a first plurality of metal cords inclined at a first angle and the second main belt layer comprises a second plurality of metal cords inclined at a second angle; the metal cords of the first and second plurality of metal cords comprise a plurality of filaments having a diameter not greater than 0.30 mm and have a diameter not greater than 1.30 mm.



PCT

- (22) 07/12/2014
- (21) 1969/2014
- (44) August 2018
- (45) 15/01/2019
- (11) 29135

(51)	Int. Cl. 8 A01P 13/00 & A01N 43/90
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. AULISA, Lorenzo
	2.
	3.
(73)	1.
()	2.
(30)	1. (US) 61/656,148 - 06-06-2012
(00)	2. (PCT/US2013/043697) - 31-05-2013
	3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) HIGH STRENGTH HERBICIDAL SUSPENSION CONCENTRATES Patent Period Started From 31/05/2013 and Will end on 30/05/2033

(57) Novel pesticide compositions having a high concentration of a water-soluble herbicide, and a solid water-insoluble pesticide, for example the herbicide penoxsulam, are provided herein. Compositions of the invention are, among other things, stable upon storage in various thermal environments and exhibit enhanced resistance to settling of the solid particles and/or enhanced resistance to chemical degradation of the water-insoluble pesticide.



PCT

- (22) 22/01/2015
- (21) 0112/2015
- (44) August 2018
- (45) 15/01/2019
- (11) 29136

⁽⁵¹⁾	Int. Cl. 8 A01N 43/40
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. YERKES,CARLA,N
	2. MANN, Richard, K
	3. SCHMITZER, Paul, R
(73)	1.
(,0)	2.
(30)	1. (US) 61/675,083 - 24-07-2012
(50)	2. (US) 13/836,653 - 15-03-2013
	3. (PCT/US2013/051318) - 19-07-2013
(74)	ABDEL HADY INTELLECTUAL PROPERTY
(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) glufosinate-ammonium, glyphosate dimethylammonium, glyphosate isopropylammonium, glyphosate trimesium, glufosinate or glyphosate, or an agriculturally acceptable derivative thereof. The methods and compositions herein provide 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, plantation crops, aquatics, industrial vegetation management (IVM) or rights of way (ROW).



PCT

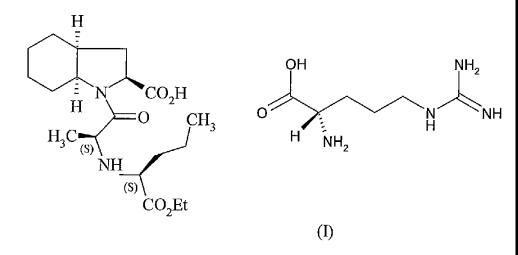
- (22) 02/01/2013
- (21) 0015/2013
- (44) August 2018
- (45) 16/01/2019
- (11) 29137

(51)	Int. Cl. 8 C07D 209/42
(71)	1. LES LABORATOIRES SERVIER (FERENC) 2. 3.
(72)	 Linol Julie Laurent Stephanl Grenieur Amaud
(73)	1. 2.
(30)	1. (FR) 12/00034 - 05-01-2012 2. (PCT/FR 2013/050017) 04-01-2013 3.
(74)	SHADY FAROUK MOBARK
(12)	Patent

(54) PROCESS FOR THE PREPARATION OF THE L-ARGININE SALT OF PERINDOPRIL

Patent Period Started From 04/01/2013 and Will end on 03/01/2033

(57) Delta crystalline form of the compound of formula (I):





PCT

- (22) 14/11/2010
- (21) 1933/2010
- (44) August 2018
- (45) 16/01/2019
- (11) 29138

(51)	Int. Cl. 8 A01N 37/18 & A61K 31/76
(71)	1. ALS MOUNTAIN LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	 CHEN, Chien-Hung 3.
(73)	1. 2.
(30)	1. (US) 61/127.883 - 16-05-2008 2. (US) 61/212.072 - 07-04-2009 3. (PCT/US2009/044362) - 18-05-2009
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) NOVEL COMPOSITIONS AND METHODS FOR TREATING Patent Period Started From 18/05/2009 and Will end on 17/05/2029

(57) The present invention relates to a pharmaceutical composition for treating hyperproliferative diseases comprising a first agent selected from agents including an agent that possesses anti-inflammatory activity or acetaminophen, phenacetin, tramadol and the like; a second agent selected from the group consisting of an oxidative phosphorylation inhibitor, an ionophore, and an adenosine 5-monophosphate-activated protein kinase (ampk) activator; a third agent that possesses or maintains serotonin activity.



PCT

- (22) 06/09/2015
- (21) | 1405/2015
- (44) August 2018
- (45) |20/01/2019
- (11) 29139

(51)	Int. Cl. ⁸ B61B 13/04 & B60B 11/10
(71)	1. Hutchinson S.A (FRANCE) 2. 3.
(72)	 STUCK, Larry Tabone, Charles RENSON, Christopher
(73)	1. 2.
(30)	1. (US) 61/775.175 - 08-03-2013 2. (PCT/IB2014/000837) - 05-03-2014 3.
(74)	NAHID WADIH RIZK TARAZI
(12)	Patent

(54) EXTERNAL RUNFLAT APPARATUS Patent Period Started From 05/03/2014 and Will end on 04/03/2034

(57) An external runflat apparatus for a guide wheel system of a monorail transport system. The external runflat apparatus includes a hub member and a tread member. The tread member is connected to the hub member and includes a base member and a covering over the base member.



PCT

- (22) 28/04/2014
- (21) 0659/2014
- (44) | September 2018
- (45) 21/01/2019
- (11) 29140

(51)	Int. Cl. 8 F23N 5/10
(71)	1. CASTFUTURA SPA (ITALY) 2. 3.
(72)	 BIANCHI, Raoul COLATTI, Marco CANAVESI, Mauro CORBELLA, Marco
(73)	1. 2.
(30)	1. (IT) GE2011A000135 - 22-11-2011 2. (PCT/IB2012/056483) - 16-11-2012 3.
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) FLAME IGNITION AND CONTROL SYSTEM Patent Period Started From 16/11/2012 and Will end on 15/11/2032

(57) A flame ignition and control system, comprising at least one gas burner which is connected to a gas source via flame control means and a safety valve controlled by a flame sensor consisting of a thermocouple. The safety valve has an open state, in which the source supplies gas to the burner and a closed sate, in which gas flow is obstructed, switching from the open state to the closed state and vice versa being controlled by the electric signal generated by the thermocouple. An igniter device is provided, which consists of an ignition electrode and power supply means thereof. Furthermore, at least the operation of the igniter device is controlled according to the current strength of the electric signal generated by the thermocouple



PCT

(22) 22/02/2009

(21) | 0241/2009

(44) July 2018

(45) 27/01/2019

(11) 29141

(51)	Int. Cl. ⁸ F24F 3/14, 5/00
(71)	1. DECOLE, LTD (ISRAEL) 2. 3.
(72)	1. FORKOSH, DAN 2. 3.
(73)	1. 2.
(30)	1. (US) 60/840,312 - 25-08-2006 2. (PCT/IB2007/004333) - 27-08-2007 3.
(74)	HODA AHMED ABDEL HADY
(12)	Patent

(54) SYSTEM AND METHOD FOR MANAGING WATER CONTENT IN A FLUID

Patent Period Started From 27/08/2007 and Will end on26/08/2027

(57) A system and method for managing water content in a fluid include a collection chamber for collecting water from the fluid with a desiccant, and a regeneration chamber for collecting water from the desiccant and transferring it to a second fluid. An evaporator cools the desiccant entering the collection chamber, and a condenser heats the desiccant entering the regeneration chamber. Diluted desiccant from the collection chamber is exchanged with concentrated desiccant from the regeneration chamber in such a way as to efficiently control the transfer of both mass and heat between the chambers. In one embodiment, mass is not exchanged until one or both of the desiccant levels in the chambers exceeds a predetermined level. Heat is transferred between the two desiccant flows as they are transferred between the chambers. This increases efficiency and reduces the energy input required for the evaporator and the condenser.



PCT

- (22) 02/01/2013
- (21) 0013/2013
- (44) August 2018
- (45) 29/01/2019
- (11) 29142

(51)	Int. Cl. 8 G02B 6/44, 6/36 & H02B 15/013
(71)	1. Yu-Fen , CHI (CHINA) 2. 3.
(72)	 Chih-Kuang, HSING, 3.
(73)	1. 2.
(30)	1. (PCT/CN2010/074947) - 02-07-2010 2. 3.
(74)	MAHMOUD ADEL AL WALELY
(12)	Patent

(54) OPTICAL CABLE CONNECTION CASING ADAPTED FOR OPERATION OF GUIDING AND CONNECTING OPTICAL CABLE TO BRANCHING HALFWAY Patent Period Started From 02/07/2010 and Will end on 01/07/2030

(57) An optical cable connection casing includes at least one cable in-out end surface on which at least one connection part and at least one first hollow tubular column are located. The connection part and the first hollow tubular column allow the optical cable to pass in and out the connection casing through the connection part and the first hollow tubular column in the form of double optical cables after the optical cable being oppositely bent without cutting off the optical fiber core of the optical cable, respectively; wherein the optical cable will be guided and connected to a branching halfway.



PCT

- (22) 11/04/2013
- (21) 0613/2013
- (44) | September 2018
- (45) 29/01/2019
- (11) 29143

(51)	Int. Cl. 8 B31B 29/00
(71)	1. STARLINGER & CO GESELLSCHAFT M.B.H. (AUSTRIA) 2. 3.
(72)	1. GRILL, Hannes 2. 3.
(73)	1. 2.
(30)	1. (EP) 10187549.0 - 14-10-2010 2. (PCT/EP2011/067329) - 04-10-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD AND DEVICE FOR FORMING OPEN BOTTOMS ON END REGIONS OF TUBULAR BAG BODIES

Patent Period Started From 04/10/2011 and Will end on 03/10/2031

(57) In a device for forming an open bottom in an end region of a tubular bag body, the bag bodies are transported in a flat manner in a transporting direction (T) transverse to the bag body longitudinal extension (L) at a transporting speed (V), and the end regions are opened with an opening device. A widening tool is introduced into the opened end regions of the bag bodies during their transportation on the transporting device and moved in the transporting direction (T) at a speed (VIR) that is increased relative to the transporting speed (V) until front contour points of said tool run against the inner face of the bag body on the front part of the opened end region. Said tool widens the front part into a front corner flap in the form of an isosceles triangle. The widening tool is moved out of the front corner flap by slowing of the movement of said tool with respect to the transporting speed (V) after formation of the corner flap. The corner flap is pressed with a pressing device.

Arab Republic of Egypt

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



GRANTED PATENTS' ABSTRACTS GAZETTE 'PATENTS ISSUED IN FEBRUARY 2019"

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.

President of Patent Office

Dr. Mona M. Yehia

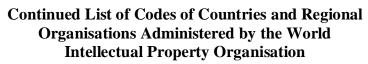
Bibliographic data

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
AE	United Arab emairates
AF	Afghanistan
AG	Antigua and Barbuda
AL	Albania ⁾
AM	Armenia
AO	Angola
AR	Argentina
AT	Austria
AU	Australia
AZ	Azerbaijan
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BG	Bulgaria
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ВΙ	Burundi
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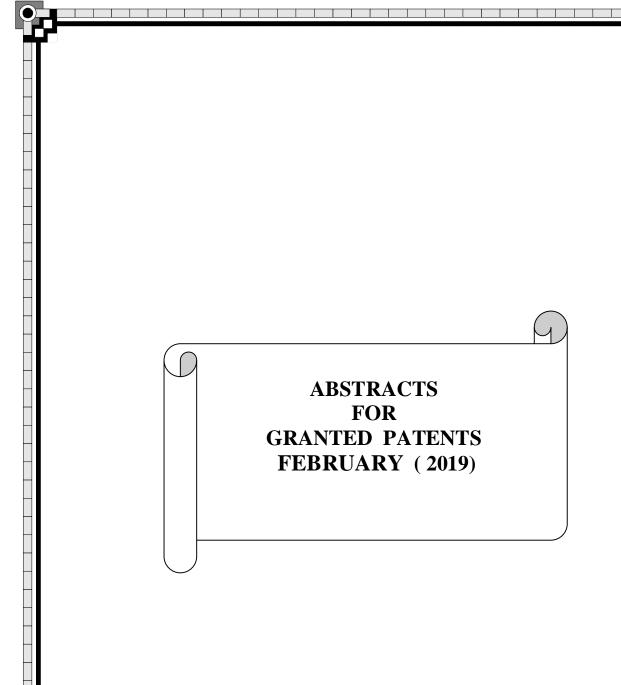
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IL	Israel
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KG	Kyrgyzstan
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KZ	Kozakhstan
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LT	Lithuania
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LV	Latvia
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MC	Monaco
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ME	Montenegro
MG	Madagascar

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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
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TR	Turkey
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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) 24/10/2011
- (21) 1796/2011
- (44) November 2018
- (45) |04/02/2019
- (11) 29144

(51)	Int. Cl. 8 A23C 21/02, & A61K 47/48
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)
	2. 3.
(72)	1. MONA SAMIR HASHEM
	2. MAHMOUD AHMED ABD EL-GHAFFAR
	3. MOSTAFA KAMEL EL AWADY
(73)	1.
	2.
(30)	1.
	2.
	3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED,
(12)	Patent

(54) BLEND OF DEVELOPED AND SAFE NATURAL POLYMERS FOR REMOVAL OF HEPATITIS C VIRUS

Patent Period Started From 24/10/2011 and Will end on 23/10/2031

(57)

The basic treatment of a virus C patient according to HCV World Protocol is interferon and ribaVirin and is taken for 48 weeks. If there is an initial response after 12 injections and the virus number in patient blood decreased, the patient will complete the treatment. If no such response, the patient will stop the treatment because the cure rate is less than 5%, Alanvks and Almitazoxanad also can be added to increase the chances of response. It is already clear that the patient is exposed to high doses of therapeutic drugs and the results may be positive or negative and even it is positive, the treatment period will be too long as well as the high cost of such treatment, in addition to its negative effects on the body functions in general. The patent application is therefore aimed to:

- 1. Immobilization of the antibodies to the virus C, on safely and naturally novel developed polymeric blend.
- 2. The process of periodically washing the patient's blood to get rid of the virus in the presence of a formula of polymeric materials loaded with antibodies and in the form of pellets of large sizes not allowed to pass into the patient's body.
- 3. The removal process of viruses C without using any kind of medical drugs.
- 4. This process is done in short periods of time in which it saves effort and time for the patients.
- 5. Cost effective is appropriate (economically feasible).

These goals have been achieved with the use of a new developed formula of natural polymers of specific shapes that are not allowed to pass into the patient's body. These substances have proved high efficiency in removing virus C from infected blood for some patients.



PCT

- (22) 22/11/2012
- (21) 1942/2012
- (44) November 2018
- (45) |04/02/2019
- (11) 29145

(51)	Int. Cl. 8 H02J 3/38, 3/24
(71)	1. SCIENCE AND TECHNOLOGY DEVELOPMENT FUND (EGYPT) 2. 3.
(72)	 MOHAMED SAAD JABER ABU QAHOUQ MOHAMED ORABI
(73)	1. 2.
(30)	1. 2. 3.
(74)	MARWA ALAA EL DIN MOHAMED ABDEL-MEGUID
(12)	Patent

(54) POWER STARTUP AND CONDITIONING METHOD FOR PHOTOVOLTAIC CONTROLLERS AND SYSTEMS Patent Period Started From 22/11/2012 and Will end on 21/11/2032

Distributed MPPT PV system architectures have been recently investigated and developed in order to extract higher solar energy under partial shading and mismatched PV cells. In such distributed architecture, each PV cell (or few cells) has its own DC-DC power converter and MPPT controller in order to extract solar energy from each cell individually. A conventional PV cell has a maximum voltage of about 0.5V. Normally, the cell voltage is not sufficient to operate the devices of modern CMOS processes. So, the MPPT controller and the drivers of each power converter for each cell require initial power in order to operate during system startup before the system is able to start extracting energy. A conventional solution is to use external power source, such as a battery, in order to start the PV system operation. In this invention, we disclose a method that can provide the startup power to the MPPT controller and the DC-DC power converter drivers without the need for any additional power source. The invention embodiment a startup system that can be used to power the DC-DC converter. The startup circuit includes a normally ON switch that is used to bypass the MPPT DC-DC power converter. Through this normally ON switch, the PV solar cell is directly connected to the output capacitor of the DC-DC power converter. When this switch is initially ON, once the PV solar energy is available at the cell, the output capacitor of each converter is charged. A comparator is used to compare the voltage of the output capacitor to a reference value in order to determine if there is a sufficient charge at the capacitor. One this is true, the normally ON switch is commanded to open by a control signal and the regulator that powers the MPPT controller and the DC-DC power converter is commanded to start, such that conventional system operation is initiated.



(22) 05/02/2014

(21) 0168/2014

(44) November 2018

(45) 04/02/2019

(11) 29146

(51)	Int. Cl. 8 A61F 9/007
(71)	1. DIKRAN GILBERT GHOUGAS HOVAGHIMIAN (EGYPT) 2. 3.
(72)	1. DIKRAN GILBERT GHOUGAS HOVAGHIMIAN 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) PERMANENT SILICONE LACRIMAL STENT Patent Period Started From 05/02/2014 and Will end on 04/02/2034

(57) The lacrimal stent is made of medical grade silicone intended for permanent implantation. It is designed for patients with nasolacrimal duct obstruction. It is around 20 mm in length and has 2 cut patent ends and will be implanted in the lacrimal fossa. one of the ends will pass through a hole in the lacrimal bone preventing the obstruction of the hole and has 4 notches to guard against blockage of the stent. The tube possesses 10 holes that will act as extra drainage channels. The stent is compressible to dislodge its content into the nasal cavity if inadvertently obstructed.



PCT

- (22) 29/04/2014
- (21) 0697/2014
- (44) November 2018
- (45) 04/02/2019
- (11) 29147

(51)	Int. Cl. 8 F03D 7/06
(71)	1. ALAA ELDIN MOHAMAD YOUSEF MOHAMAD ABDOU (EGYPT) 2. 3.
(72)	1. ALAA ELDIN MOHAMAD YOUSEF MOHAMAD ABDOU 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	Patent

(54) PRODUCING ENERGY BY THE WIND SYSTEM WITH MOVING FAN BLADES NOT FIXED TO GET HIGH YIELD OF ENERGY Patent Period Started From 29/04/2014 and Will end on 28/04/2034

(57) The idea based on producing high force by sheets put in face of wind in area at the required design to get high yield of energy 2- Sheets (panels) composed of two curved parts on vertical axis which fitted with reverse movement wheels to automatically closed to become as vertical wing shape when its movement upwind to generate extra force 3- These sheets (panels) are installed on horizontal arms on a vertical axis which can control its length (hundred meters) to increase the torque and thus increase the energy output 4- Put hollow cylinder on vertical rotate axis to increase the speed of the wind which acting on the panels in the open and closed cases 5- This model doesn?t require a rudder steering and self-works automatically in any direction of the wind with fixed rotate direction 6- The cost of this model is much lower than its counterpart in energy production 7- This model produces energy even in weak wind speeds.



PCT

- (22) 08/12/2014
- (21) 1977/2014
- (44) October 2018
- (45) 04/02/2019
- (11) 29148

(51)	Int. Cl. 8 A61K 9/00, & G01N 30/06	
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.	
(72)	 AHMED SABRY SALAH ELDIN ABDOON EMAD A. AL ASHKAR OMAIMA M. KANDIL AHMED M. SHABAN 	5. ASHRAF H. SHAALAN 6. MOSTAFA AMR ALSAYED 7.
(73)	1. 2.	
(30)	1. 2. 3.	
(74)	FOCAL POINT - National Center for Research-	MAGDA MOHASEB ALSAYED
(12)	Patent	

(54) METHOD FOR THE PREPARATION OF GOLD NANORODS Patent Period Started From 08/12/2014 and Will end on 07/12/2034

(57) Therefore, the aim of this invention is to develop a new method to prepare the gold nanorods in a way that is easy, effective and stable. And experimenting with these gold nanorods in treatment of breast and skin cancer in pets. This type of treatment involves the use of gold nanorods with laser beams.



PCT

- (22) 29/07/2015
- (21) 1187/2015
- (44) November 2018
- (45) 04/02/2019
- (11) 29149

(51)	Int. Cl. 8 A01K 29/00
(71)	1. THARWAT EL-SHABRAWY MOHAMED MOHAMED EL-SHERBENY (EGYPT) 2. 3.
(72)	1. THARWAT EL-SHABRAWY MOHAMED MOHAMED EL-SHERBENY 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	Patent

(54) EQUIPMENT OF BEES BALANCED FEEDING SYSTEM (B. B. F. SYSTEM)

Patent Period Started From 29/07/2015 and Will end on 28/07/2035

(57) This invention concerned to an equipment of bees balanced feeding system, using a numbered tank, this tank has an upper cover and a discharge outlet shaped like a funnel- in the bottom of the tank and has put on it an automatic valve, this automatic valve is closed automatically when the sugar solution in the tank is ended, closing the valve on this way block the air not to go throw tubes and so the sugar solution moves from beehive to an other according to the number of bees on the beehive and according to the ratio of consuming the solution, the internal valve is funnel-shaped also and fixed under a white foam float and both of funnels are identical in order to get a complete lock, the tank is connected to number of beehives by rubber tubes, the rubber tubes passes to the solution container inside every beehive throw a hole it, s level differs according to the distance to the tank, the end of the tube is put in the bottom of the sugar solution container which is an outlet the liquid passes from, ther is tripartite distributor by every beehive and also quarterly distributor connected between the tank and tubes, and there is a transparent tube shaped like (n) letter by one of the beehives the end of it is in the inside of the beehive in the bottom of the solution container and the other end is fixed outside and it works as pointsman shows the level of the liquid inside the beehives.



PCT

- (22) 22/02/2016
- (21) 0268/2016
- (44) November 2018
- (45) |04/02/2019
- (11) 29150

(51)	Int. Cl. 8 D21B 1/34
(71)	1. SAMIR ABDELAAL MOHAMED. (EGYPT)
	2. 3.
(72)	1. SAMIR ABDELAAL MOHAMED.
	2. 3.
(73)	1.
(30)	2. 1.
(30)	2.
(- 4)	3.
(74)	
(12)	Patent

- Unit Assembly Garbage) Advanced a healthy And Environmentally Friendly .
 - Patent Period Started From 22/02/2016 and Will end on 21/02/2036
- (57) A) Part External : Includes (Cover + Ventilation Slot Supported By Net Accurate King Top Of The Box + Pedal Operate Mechanical Motion Used By Pressing The Foot To Open The Cover To Put The Garbage + Real Door Of The Fund To Be Used For Closure Of The Domestics Garbage And Also A fund For The Descent And The Rise Of Litter Box .
 - (B) An internal Part: It is A Fund To Collect Trash And Has A Narrow Holes In The Case Of Filter Washing Fund. How To Use: 1- Pressure On The Foot Pedal Open The Lid To put Garbage. 2- Door Open The Trunk To Pull The Domestic Rubbish Bin And Wheeled Provider Works Through The Course Of Installed Floor Homeland Fund And The rear Door.



PCT

- (22) 04/09/2016
- (21) 1465/2016
- (44) November 2018
- (45) |04/02/2019
- (11) | 29151

(51)	Int. Cl. 8 A01K 53/00
(71)	1. HAMDY ABDALLA IBRAHIM GADO (Egypt) 2. 3.
(72)	1. HAMDY ABDALLA IBRAHIM GADO 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	Focal point of Patent office, Mansoura University
(12)	Patent

(54) AUTOMATIC FEEDING FOR BEES Patent Period Started From 04/09/2016 and Will end on 03/09/2036

(57) The subject is about An automatic feeder for bees which allows feeding more than forty bee hives at the same time. It consists of three parts:-1-Part one: suspension unit (picture two)

This unit consists of a cube without two faces . It's fixed to the inside wall of the hive .It's a unit to which feeding pot is hung .It has a pipe shaped as a right angle whose end feeding comes to the feeding pot The other end/edge is connected to the main feeding tank which has a bolt and a zipper / fastener to lift the feeding pot higher.

2-Part two: feeding unit (feeding pot)(picture three)

-This part of the feeder is inside the hive .It's rectangular plastic pot as it's shown in This pot is narrow at the bottom but wider at the top. it has a rubber part fixed to its floor (11) which helps to turn off the automatic of the feeder ;fixed to the second part through Pivot axis as it is shown in (p.1)

3-Part three: The main tank (picture four)

-It's about a tank in which we put the feeding of the bees .and the parts which are used in the connections between the main tank and the hives These are the hoses and the joints shaped as a right angle and L-letter



PCT

- (22) 29/12/2016
- (21) 20128/2016
- (44) November 2018
- (45) 04/02/2019
- (11) 29152

(51)	Int. Cl. 8 A23L 35/105 & C10L 3/10
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)
	2. 3.
(72)	1. AHMED MOHAMED ABDEL-SALAM
	2. AHMED HASSAN ZAGHLOUL
	3. ABDEL RAZIK HUSSEIN FARRAG
(73)	1.
	2.
(30)	1.
(0 0)	2.
	3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED
(12)	Patent

(54)	TALBINA PRODUCT SUPPLEMENTED WITH NATURAL
	ANTIOXIDANTS AS A FUNCTIONAL FOOD AND A METHOD
	OF ITS PRODUCTION
	Patent Period Started From 29/12/2016 and Will end on 28/12/2036

(57) The present invention deal with the preparation and formulation of talbina product supplemented with natural antioxidants as a protective and therapeutic functional foods for improving human health.



PCT

- (22) 08/12/2015
- (21) | 1933/2015
- (44) October 2018
- (45) 03/02/2019
- (11) 29153

(51)	Int. Cl. 8 G01V 1/36, 1/38
(71)	1. PGS GEOPHYSICAL AS (NORWAY)
	2.
	3.
(72)	1. Stian Hegna
()	2. Tilman Kluver
	3.
(73)	1.
	2.
(30)	1. (US) 571.656/14 - 16-12-2014
(30)	2.
	3.
(74)	MOHAMAD KAMEL MOSTAFFA
(12)	Patent

(54) WAVEFIELD SEPARATION BASED ON A MATCHING OPERATOR BETWEEN SENSOR RESPONSES IN MULTI-COMPONENT STREAMERS Patent Period Started From 16/12/2014 and Will end on 15/12/2034

(57) This disclosure is directed to systems and methods of wavefield separation based on matching operators that represents the relationship between colocated pressure and particle motions sensors. A pressure wavefield and a particle motion wavefield emitted from a subterranean formation are measured using co-located pressure and particle motion sensors located along one or more streamers of a seismic data acquisition system. A matching operator that relates pressure sensor and particle motion sensor responses for co-located pressure and particle motion sensors is computed based on depth of the co-located pressure and particle motion sensors and on the measured pressure and particle motion wavefields. The matching operator and the measured pressure and particle motion wavefields may then be used to compute up-going and down-going wavefields.



PCT

- (22) 11/03/2015
- (21) 0369/2015
- (44) October 2018
- (45) 03/02/2019
- (11) 29154

(51)	Int. Cl. 8 H01L 31/052
(71)	1. VYSOKE UCENI TECHNICKE V BRNE
	2.
	3.
(72)	1. PAVEL, Fiala
	2.
	3.
(73)	1.
(-)	2.
(30)	1. (CZ) 636-2012 PV - 14-09-2012
(0 0)	2. (PCT\CZ000105/2012) – 22-10-2012
	3.
(74)	KHALED MAGDY MOKHTAR HAMADA
(12)	Patent

(54) A SOLAR ELEMENT COMPRISING RESONATOR FOR APPLICATION IN ENERGETICS Patent Period Started From 22/10/2012 and Will end on 21/10/2033

(57) A solar element including a basic resonator arranged on a dielectric structure that is constituted by an area with minimum electromagnetic damping, whose upper plane forms the plane of incidence. The area with minimum electromagnetic damping is transparent in relation to the incident electromagnetic wave; the area is limited by the boundaries of variations in material properties, and at least one 2D-3D resonator is surrounded by the dielectric and configured in the dielectric structure. The area with minimum electromagnetic damping is coupled with at least one other area exhibiting a different resonance frequency of the basic resonator, and the system is terminated either in the free space or by a solar element (system) intended to absorb the entire amount of the remaining energy provided by the incident electromagnetic wave.



PCT

- (22) 09/06/2015
- (21) 0925/2015
- (44) | September 2018
- (45) 04/02/2019
- (11) 29155

(51)	Int. Cl. 8 A01N 25/00, 43/50, 43/54, 43/90, 47/36, 47/38, 25/32 & A01P 13/02 & C12N 15/82
(71)	1. BAYER CROPSCIENCE AG (GERMANY) 2. 3.
(72)	 HAIN, Rüdiger JOHANN, Gerhard 3.
(73)	1. 2.
(30)	1. (EP) 12196862.2 - 13-12-2012 2. (US) 61/736,620 – 13-12-2012 3. (PCT/EP2013/075998) - 10-12-2013
(74)	SMAS INTELLECTUAL PROPERTY
(12)	Patent

USE OF ALS INHIBITOR HERBICIDES FOR CONTROL OF UNWANTED VEGETATION IN ALS INHIBITOR HERBICIDE TOLERANT BETA VULGARIS PLAN Patent Period Started From 10/12/2013 and Will end on 09/12/2033

(57) The 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 mutations in the ALS gene where the tryptophan at position 569 in the encoded ALS enzyme is substituted by another amino acid (preferably by leucine), and a mutation in the ALS gene where the proline at position 188 in the encoded ALS enzyme is substituted by another amino acid (preferably by serine).



PCT

- (22) 03/09/2014
- (21) | 1397/2014
- (44) October 2018
- (45) 05/02/2019
- (11) 29156

(51)	Int. Cl. 8 A01N 43/58 & A01P 13/02
(71)	1. ISHIHARA SANGYO KAISHA, LTD. (JAPAN) 2. 3.
(72)	 YAMADA, Ryu TERADA, Takashi OKAMOTO, Hiroyuki
(73)	1. 2.
(30)	1. (JP) 2012-052563 - 09-03-2012 2. (PCT/JP2013/056032) - 05-03-2012 3.
(74)	SOHER MEKHAEL REZK
(12)	Patent

(54) HERBICIDAL COMPOSITION Patent Period Started From 05/03/2012 and Will end on 04/03/2032

(57) Provided is a highly active herbicidal composition having a broad weed-killing spectrum. An herbicidal composition containing synergistically effective amounts of: (A) pyridate or a salt thereof; and (B) at least one species of sulfonylurea-based compound selected from the group consisting of flazasulfuron, nicosulfuron, trifloxysulfuron, chlorimuron and alkyl esters thereof, halosulfuron and alkyl esters thereof, and salts thereof.



PCT

- (22) 24/11/2014
- (21) 1893/2014
- (44) October 2018
- (45) 06/02/2019
- (11) 29157

(51)	Int. Cl. 8 A61K 9/00 & A61M 5/28, 5/31,	5/315
(71)	1. NOVARTIS AG (SWEZERLAND) 2. 3.	
(72)	 BRYANT, Andrew BUETTGEN, Heinrich PAPST, Wolfgang 	4. PICCI, Marie
(73)	1. 2.	
(30)	1. (EP) 12170628.7 - 01-06-2012 2. (PCT/EP2013/061215) - 30-05-2013 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54)	SYRINGE
	Patent Period Started From 30/05/2013 and Will end on 29/05/2033

(57) The invention provides a syringe for use in an ophthalmic injection. The syringe comprises a body, a stopper and a plunger. The body comprises an outlet at an outlet end and the stopper is arranged within the body such that a front surface of the stopper and the body define a variable volume chamber from which a fluid can be expelled though the outlet. The plunger comprises a plunger contact surface at a first end and a rod extends between the plunger contact surface and a rear portion. The plunger contact surface is arranged to contact the stopper but not couple thereto, such that the plunger can be used to force the stopper towards the outlet end of the body, reducing the volume of the variable volume chamber, but not to move the stopper away from the outlet end.



PCT

- (22) 01/02/2015
- (21) 0173/2015
- (44) October 2018
- (45) 06/02/2019
- (11) 29158

(51)	Int. Cl. 8 G10L 19/008	
(71)	 FRAUNHOFER-GESELLSCHAFT ZV FORSCHUNG E.V. (GERMANY) 	UR FOERDERUNG DER ANGEWANDTEN
(72)	 KASTNER, THORSTEN HERRE, JÜRGEN PAULUS, JOUNI 	4. TERENTIV, LEON 5. HELLMUTH, OLIVER 7. FUCHS, HARALD
(73)	1. 2.	
(30)	1. (US) 61/681.730 - 10-08-2012 2. (PCT/EP2013/057932) - 16-04-2013 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) ENCODER, DECODER, SYSTEM AND METHOD EMPLOYING A RESIDUAL CONCEPT FOR PARAMETRIC AUDIO OBJECT CODING

Patent Period Started From 16/04/2013 and Will end on 15/04/2033

(57) A decoder is provided. The decoder comprises a parametric decoding unit for generating a plurality of first estimated audio object signals by upmixing three or more downmix signals, wherein the three or more downmix signals encode a plurality of original audio object signals, wherein the parametric decoding unit is configured to upmix the three or more downmix signals depending on parametric side information indicating information on the plurality of original audio object signals. Moreover, the decoder comprises a residual processing unit for generating a plurality of second estimated audio object signals by modifying one or more of the first estimated audio object signals, wherein the residual processing unit is configured to modify said one or more of the first estimated audio object signals depending on one or more residual signals.



PCT

- (22) 26/11/2012
- (21) 1964/2012
- (44) October 2018
- (45) 06/02/2019
- (11) 29159

(51)	Int. Cl. ⁸ H04N 7/26
(71)	1. SONY CORPORATION (JAPAN)
	2.
	3.
(72)	1. SATO Kazushi
	2.
	3.
(73)	1.
. ,	2.
(30)	1. (JP) 2010-129414 - 04-06-2010
(/	2. (JP) 2010-222300 - 30-09-2010
	3. (JP) 2011-053479 - 03-10-2011
	4. (JP) 2011-054816 - 11-03-2011
	5. (PCT/JP2011/062797) - 03-06-2011
(74)	NAHED WADIH RIZK
(12)	Patent

(54) IMAGE PROCESSING DEVICE AND METHOD Patent Period Started From 03/06/2011 and Will end on 02/06/2031

Disclosed are an image processing device and method which make it possible to perform quantization or inverse quantization that is more suitable for the contents of images. A reversible decoding unit decodes encryption data that is read out from a storage buffer at a predetermined timing. A sub-macro block inverse quantization unit uses quantization parameters supplied from an inverse quantization unit to obtain a quantization value for each sub-macro block, and returns said quantization values to the inverse quantization unit. The inverse quantization unit uses the quantization values for each sub-macro block supplied from the sub-macro block inverse quantization unit to inversely quantize quantization coefficients obtained by decoding performed by the reversible decoding unit. This technology can be applied to an image processing device, for example



PCT

- (22) 11/10/2015
- (21) 1640/2015
- (44) October 2018
- (45) 06/02/2019
- **(11) 29160**

(51)	Int. Cl. 8 H04W 72/04, & H04W 76/02
(71)	1. Telefonaktiebolaget L M Ericsson (PUBL) (SWEDEN) 2. 3.
(72)	 SORRENTINO, Stefano PARKVALL, Stefan .
(73)	1. 2.
(30)	1. (US) 61/811.292 - 12-04-2013 2. (PCT/SE2014/050447) - 11-04-2014 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) A METHOD AND WIRELESS DEVICE FOR PROVIDING DEVICE-TO-DEVICE COMMUNICATION Patent Period Started From 11/04/2014 and Will end on 10/04/2034

(57) The present disclosure relates to methods and to a wireless device, 10, 20, for enabling device-to-device communication. In particular the present disclosure relates to a method, performed in a radio node, of assigning resources for direct control signalling. The method comprises receiving, S1, from at least one further radio node, 160, sets of resources for direct control signalling in a respective cell or cluster. The method further comprises assigning, S2, resources for direct control signalling transmission within an area controlled by the radio node based at least on the received sets of resources, and transmitting, S3, to wireless devices controlled by the radio node, a message indicating resources assigned for direct control signalling. The disclosure also relates to the corresponding method in a wireless device and to a radio and to a wireless device implementing the methods, as well as to corresponding computer programs.



PCT

- (22) 24/02/2016
- (21) 0287/2016
- (44) **September 2018**
- (45) 06/02/2019
- (11) 29161

(51)	Int. Cl. ⁸ B08B 1/00
(71)	1. Evermore United S.A. (UNITED KINGDOME) 2.
(72)	3. 1. Moshe MELLER 2. Eran MELLER 3.
(73)	1. 2.
(30)	1. (US) 61/871,017 - 28-08-2013 2. (US) 14/243,796 - 02-04-2014 3. (PCT/US2014/059937) - 09-10-2014
(74)	SHADY FAROUK AL-MUBARAK
(12)	Patent

(54) DESCENT CONTROL AND ENERGY RECOVERY SYSTEM FOR SOLAR PANEL CLEANING SYSTEM

Patent Period Started From 09/10/2014 and Will end on 08/10/2034

(57) System and method for cleaning solar panel rows, with electronic descent control and potential energy recovery system, operating by modulated switching signals to an electronic switching device that converts DC output of a DC motor/generator to alternating current that is transferred through a transformer and rectifier to charge the system's battery. An impedance load on the DC motor/generator is generated during downward movement of the system's cleaning apparatus in order to control the descent rate of the cleaning apparatus



PCT

(22) 25/08/2014

(21) 1344/2014

(44) | September 2018

(45) 06/02/2019

(11) 29162

(51)	Int. Cl. 8 A01H 5/00 & C12N 15/29, 15/82
(71)	1. CENTER OF GENOMICS AND BIOINFORMATICS, ACADEMY OF SCIENCES OF 2. UZBEKISTAN, MINISTRY OF AGRICULTURE AND WATER RESOURCES OF 3. UZBEKISTAN, AND 'UZPAKHTASANOAT' ASSOCIATION 4. THE TEXAS A & M UNIVERSITY SYSTEM (UNITED STATES OF AMERICA) 5. THE UNITED STATES OF AMERICA, as represented by THE SECRETARY OF
(72)	6. AGRICULTURE (UNITED STATES OF AMERICA) 1. ALAN E. PEPPER 2. ZABARDAST T. BURIEV 3. IBROKHIM Y ABDURAKHMONOV 7. ABDUSATTOR ABDUKARIMOV
(73)	1. 2.
(30)	1. ()IAP 2012 0069 - 28-02-2012 2. (US)445.696/13 - 12-04-2012 3. (PCT/US2013/02780) - 26-02-2013
(74)	GORG ESHAK MENA
(12)	Patent

(54) NEW BIOTECHNOLOGY METHOD TO IMPROVE CHARACTERISTICS OF COTTON PLANTS Patent Period Started From 26/02/2013 and Will end on 05/02/2033

(57) This invention relates to a new method for improvement of characteristics of cotton plants, particularly fiber quality, while allowing for early maturity and productivity is disclosed. In particular, rnai of phytochrome phya1 genes in cotton results in a number or phytochrome-associated phenotypes. Including, for example, increased root length and mass, increased anthocyanin-pigment, vigorous shoot development and vegetative growth, early flowering, early boll maturity, increased fiber length and increased seed cotton yield compared to control plants. These rnai phenotypes are stably inherited and transferable via conventional hybridization.



PCT

- (22) 24/03/2015
- (21) 0441/2015
- (44) October 2018
- (45) 10/02/2019
- (11) 29163

(51)	Int. Cl. 8 F23K 5/00 & F23N 5/14, 5/02	
(71)	1. Defendi Italy S.R.L. (ITALY)	
	2.	
	3.	
(72)	1. BESATI, Davide	4. TAPPA, Mauro
	2. DUGNANI, Massimo	5. VALZI, Giuseppe(deceased)
	3. PEDRETTI, Luca	
(73)	1.	
(-)	2.	
(30)	1. (IT) MI2012A001633 - 01-10-2012	
(30)	2. (PCT/IB2013/059000) – 30-09-2013	
	3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54)	THERMOSTATIC VALVE
	Patent Period Started From 30/09/2013 and Will end on 29/09/2033

The invention relates to a thermostat for cooking appliances powered by gas, said thermostat comprising a body within which there are formed an inlet conduit and an outlet conduit, suitable to receive a gas flow from a supply source and to supply such a gas flow to a gas burner, respectively, as well as a chamber with a substantially cylindrical shape arranged in fluid communication with said inlet conduit. The chamber is also arranged in fluid communication with said outlet conduit either directly, through a main opening formed at one end thereof, or indirectly, through a secondary conduit that is formed in the body of the thermostat and flows into the outlet conduit bypassing said main opening, said main opening and secondary conduit being respectively dimensioned for a maximum and a minimum flow rate of gas. The thermostat further comprises a one-piece valve for adjusting the gas flow rate, the valve being coaxially fitted in the chamber and guided by its peripheral walls. Thanks to these features, the structural configuration of the thermostat body and its conduits is much more compact, functional and cheap than the structural configuration of thermostats known in the art.



PCT

- (22) 11/02/2014
- (21) 0190/2014
- (44) October 2018
- (45) 10/02/2019
- (11) 29164

(51)	Int. Cl. 8 H04L 5/00
(71)	1. TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (SWEDEN) 2. 3.
(72)	1. SORRENTINO, Stefano 2. 3.
(73)	1. 2.
(30)	1. (US) 61/522,858 - 12-08-2011 2. (PCT/SE2011/051583) - 22-12-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHODS AND APPARATUSES FOR HANDLING REFERENCE SIGNALS IN A CELLULAR NETWORK

Patent Period Started From 22/12/2011 and Will end on 21/12/2031

(57) Methods and apparatuses for enabling a configured demodulation reference signal to be transmitted from a User Equipment, UE, when served by a base station in a cellular network. The base station sends at least one configuration parameter to the UE, which indicates a UE-specific base sequence and/or a UE-specific cyclic shift hopping pattern assigned to the UE. The UE then uses the onfiguration parameters to generate and transmit the demodulation reference signal based on the UE-specific base sequence and UE- specific cyclic shift hopping pattern. Thereby, orthogonality can be achieved between the transmitted demodulation reference signal and any demodulation reference signals transmitted by other UEs, by using separate UE-specific base sequences and/or UE-specific cyclic shift hopping patterns



PCT

- (22) 24/02/2015
- (21) 0299/2015
- (44) October 2018
- (45) 10/02/2019
- (11) 29165

(51)	Int. Cl. ⁸ B01D 11/00	
(71)	1. THE PRODUCT MAKERS (AUSTRALIA) PTY LTD (AUSTRALIA) 2. 3.	
(72)	 KANNAR, David KITCHEN, Barry James SPARROW, Lance 	4. SZTO, Gregory Yu Foo
(73)	1. 2.	
(30)	1. (AU) 2012903726 - 28-08-2012 2. (PCT/AU2013/000964) - 28-08-2013 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) A PROCESS FOR PRODUCING AN EXTRACT DERIVED FROM SUGAR CANE

Patent Period Started From 28/08/2013 and Will end on 27/08/2033

(57) The present invention relates to a process for producing an extract derived from sugar cane, the process comprising: i) mixing a sugar cane derived product with ethanol to produce an extraction mixture comprising at least about 50% v/v ethanol; ii) allowing a precipitate to form in the extraction mixture; iii) removing the precipitate from the extraction mixture to obtain a supernatant; and iv) removing ethanol from the supernatant to produce the extract derived from sugar cane. The present invention further relates to extracts produced according to the process of the invention. The invention also relates to the use of such extracts in a method of lowering the available calorific value of a food or beverage, in treating or preventing disease, and as a nutritional supplement, dietary supplement, sports nutrition product, food coating or pharmaceutical product.



PCT

- (22) 18/09/2014
- (21) | 1481/2014
- (44) October 2018
- (45) 10/02/2019
- **(11) 29166**

(51)	Int. Cl. 8 F01K 3/24, F22B 1/02, 1/00	
(71)	 ENEA, AGENZIA NATIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE (ITALY) STAMICARBON B.V. ACTING UNDER THE NAME OF MT INNOVATION CENTER() 	
(72)	 FABRIZI, Fabrizio GAGGIOLI, Walter Giaconia, alberto 	4. RINALDI, Luca5. IAQUANIELLO, Gaetano6. BARSI, Adriano
(73)	1. 2.	
(30)	1. (EP) 12160187.6 - 19-03-2012 2. (PCT/NL2013/050203) - 19-03-2013 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) BACK-UP BOILER SYSTEM FOR A SOLAR THERMAL POWER PLANT BASED ON MOLTEN SALT TECHNOLOGY, A SOLAR THERMAL POWER PLANT AND A METHOD FOR OPERATING A SOLAR THERMAL POWER PLANT

Patent Period Started From 19/03/2013 and Will end on 18/03/2033

(57) A back-up boiler system for a solar thermal power plant for transferring solar energy into electricity, said back-up boiler system comprising a combustion chamber and a convection section in fluid connection with said combustion chamber, wherein in the convection section at least a first heat exchanger is provided for heating a molten salts mixture of the solar thermal power plant and a second heat exchanger for pre-heating boiler feed water of the solar thermal power plant, wherein the back-up boiler system is configured to allow selection between only providing heat to the first heat exchanger, only providing heat to the second heat exchanger and providing heat to both heat exchangers, preferably dependent on availability of solar radiation and/or dependent on demand of power generation. The invention also relates to a solar thermal power plant for transferring solar energy into electricity and a method for operating a solar thermal power plant.



PCT

- (22) 13/10/2014
- (21) 1618/2014
- (44) October 2018
- (45) 10/02/2019
- (11) 29167

(51)	Int. Cl. 8 G05D 23/02 & F24H 9/20
(71)	1. THERMOWATT S.P.A (ITALY)
	2. 3.
(72)	1. CAPITANELLI Claudio
	2. NERI Giampaolo 3.
(73)	1.
(20)	2. 1. (IT) AN2013U000093 - 15-10-2013
(30)	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) IMPROVED CONNECTORS FOR THE INDICATOR LAMP OF A THERMOSTAT

Patent Period Started From 13/10/2014 and Will end on 12/10/2034

(57) The object of the present invention is a connector for the connection and power supply of an accessory device, for example an indicator lamp, to a thermostat. Said connector comprises a body with an inner cavity, having a small thickness compared to a connector of the prior art. Such connector is obtained by cold moulding technology. The Applicant details are:



PCT

- (22) 04/03/2015
- (21) 0340/2015
- (44) October 2018
- (45) 10/02/2019
- (11) 29168

(51)	Int. Cl. 8 E04G 11/48, 17/16 & E04B 1/35, 1/38, 5/32
(71)	1. FORM 700 PTY LTD (AUSTRALIA)
	2.
	3.
(72)	1. ROSATI, Emilio
	2.
	3.
(73)	1.
. ,	2.
(30)	1. (AU) 2012903915 - 07-09-2012
	2. (PCT/AU2013/001002) - 06-09-2013
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DEVICE AND METHOD FOR LIGHTING A BUILDING BOARD Patent Period Started From 06/09/2013 and Will end on 05/09/2033

(57) This invention relates to a positioning apparatus for an upright panel of a building, the apparatus comprising a base adapted to depend from a structure associated with the building or construction thereof, a support for an edge of the panel, and a positional adjustment means depending from the base which provides for positional adjustment of the support relative to the base. A system for positioning a precast panel which incorporates the apparatus, along with methods for using the apparatus and method are also disclosed.



PCT

- (22) 24/07/2008
- (21) 1252/2008
- (44) | September 2018
- (45) 10/02/2019
- (11) 29169

(51)	Int. Cl. 8 A61K 38/00, 38/18, 39/00, 47/42, 47/48 & A61P 7/00 & C12N 15/13, 15/18, 15/62 & C07K 14/505, 16/18, 19/00 & C12P 21/02	
(71)	1. NOVAGEN HOLDING CORPORATION (ICELAND) 2. 3.	
(72)	1. DU, YONG 2. WANG, HAITAO 3. liu.longbin 4. xu,jing 5. ZHANG, RUI	
(73)	1. 2.	
(30)	1. (US) 11/340.661 - 27-01-2006 2. (PCT/CA2007/000107) - 25-01-2007 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) RECOMBINANT HUMAN EPO-FC FUSION PROTEINS WITH PROLONGED HALF-LIFE AND ENHANCED ERYTHROPOIETIC ACTIVITY IN VIVO

Patent Period Started From 25/01/2007 and Will end on 24/01/2027

(57) A fusion protein having a prolonged half-life in vivo in comparison to naturally occurring or recombinant native human erythropoietin comprising: (a) an erythropoietin peptide portion having a cysteine residue proximate the c terminal thereof; and (b) an immunoglobulin peptide portion comprising a hinge region, wherein said hinge region comprises a mutation at a location corresponding to amino acid residue 172 of seq id no:2 wherein a cysteine residue is replaced by a non-cysteine residue, whereby the first cysteine residue of said hinge region located nearest said erythropoietin peptide portion is spaced at least 12 amino acids apart from said cysteine residue of said erythropoietin peptide portion.



PCT

- (22) 01/03/2016
- (21) 033/2016
- (44) October 2018
- (45) 12/02/2019
- **(11)** | **29170**

(51)	Int. Cl. 8 B08B 1/00
(71)	1. ALION ENERGY, INC (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. FRENCH, Adam
	2. HENNESSY, Kevin
	3.
(73)	1.
	2.
(30)	1. (US) 61/874,290 - 05-09-2013
	2. (PCT/US2014/053787) - 03-09-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SYSTEMS, VEHICLES, AND METHODS FOR MAINTAINING RAIL-BASED ARRAYS OF PHOTOVOLTAIC MODULES Patent Period Started From 03/09/2014 and Will end on 02/09/2034

(57) A system includes an elongated rail including support surfaces and a mounting surface disposed between the support surfaces. Photovoltaic modules can be coupled to the mounting surface and raised relative to the support surfaces. A first maintenance vehicle can include a cleaning head, actuator, motor, and support legs. The support legs can suspend the cleaning head over the photovoltaic modules and can be respectively movably coupled to the support surfaces so as to laterally and sequentially move the cleaning head parallel to the elongated rail and across each of the photovoltaic modules responsive to actuation of the motor. At least a portion of the cleaning head can be vertically movable between a disengaged position spaced apart from the photovoltaic modules and an engaged position in contact with at least one of the photovoltaic modules responsive to actuation of the actuator.



PCT

- (22) 24/04/2013
- (21) 0709/2013
- (44) October 2018
- (45) 12/02/2019
- (11) 29171

(51)	Int. Cl. 8 C10G 45/16, 47/26, 49/12, 65/14, 67/16, 69/14
(71)	1. ENI S.P.A. (ITALY)
	2.
	3.
(72)	1. RISPOLI, Giacomo Fernando
(, _)	2. BELLUSSI, Giuseppe
	3.
(73)	1.
	2.
(30)	1. (IT) MI2010A001999 - 27-10-2010
(= -)	2. (PCT/EP2011/068842) - 27-10-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS FOR THE REFINING OF CRUDE OIL Patent Period Started From 27/10/2011 and Will end on 26/10/2031

(57) A process for the refining of crude oil, comprising a separation unit of the crude oil, consisting of at least one atmospheric distillation unit for separating the various fractions, a unit for the conversion of the heavy fractions obtained, a unit for improving the quality of some of the fractions obtained by actions on the chemical composition of their constituents, and units for the removal of undesired components, characterized in that the heaviest fraction, the atmospheric distillation residue, is sent to the conversion unit comprising a hydroconversion reactor in slurry phase or of the ebullated bed type, into which hydrogen or a mixture of hydrogen and ?S is introduced in the presence of a suitable nanodispersed hydrogenation catalyst.



PCT

- (22) 19/11/2015
- (21) 1827/2015
- (44) October 2018
- (45) 17/02/2019
- (11) 29172

(51)	Int. Cl. ⁸ E21B 17/042	
(71)	1. NIPPON STEEL & SUMITOMO METAL CORPORATION (JAPAN) 2. VALLOUREC OIL AND GAS FRANCE (FRENC) 3.	
(72)	 MARTIN, Pierre Bernard COLIN, Sébastien MENCAGLIA, Xavier 	4. RUFFIN, Karine
(73)	1. 2.	
(30)	1. (FR) 1354626 - 23-05-2013 2. (PCT/EP2014/060472) - 21-05-2014 3.	
(74)	SMAS	
(12)	Patent	

(54) ASSEMBLY FOR PRODUCING A THREADED CONNECTION FOR DRILLING AND OPERATING HYDROCARBON WELLS, AND RESULTING THREADED CONNECTION

Patent Period Started From 21/05/2014 and Will end on 20/05/2034

(57) An assembly for producing a threaded connection, comprising a first and a second tubular component with an axis of revolution and each respectively provided at one of their ends with at least a first, a second, and a third continuous threaded zone provided in succession on the same helix, and being capable of cooperating together upon makeup, at least one of the first or second or third threaded zones having a variable width thread profile, and being self-locking, said ends respectively finishing in a free terminal surface, each of the ends being free of a specific abutment surface, at least one sealing surface being provided between each of the adjacent threaded zones in order to cooperate in a sealed interference fit with a sealing surface provided on the corresponding end when the connection is in the made up state..



PCT

- (22) 13/01/2016
- (21) 0055/2016
- (44) October 2018
- (45) 17/02/2019
- (11) 29173

(51)	Int. Cl. ⁸ E21B 17/042 & F16L 15/06, 15/00	
(01)	· · · · · · · · · · · · · · · · · · ·	
(71)	1. NIPPON STEEL & SUMITOMO METAL CORPORATION (JAPAN)	
(, =)	2. VALLOUREC OIL AND GAS FRANCE (FRENC)	
	3.	
(72)	1. MARTIN, Pierre	
()	2. LEGRAND, Bruno	
	3. MOREAU, Régis	
(72)	1.	
(73)	•	
	2.	
(30)	1. (FR) 1357082 - 18-07-2013	
(00)	2. (PCT/EP2014/064636) - 08-07-2014	
	3.	
(7.4)	SMAS	
(74)	DIVIAO	
(12)	Patent	
(12)		

(54) ASSEMBLY FOR PRODUCING A THREADED CONNECTION FOR DRILLING AND OPERATING HYDROCARBON WELLS, AND RESULTING THREADED CONNECTION

Patent Period Started From 08/07/2014 and Will end on 07/07/2034

(57) The invention concerns an assembly for producing a threaded connection, comprising a first and a second tubular component with an axis of revolution and each respectively provided at one of their ends with at least a first continuous threaded zone following a first helix on the outer or inner circumferential surface of the component depending on whether the threaded end is male or female in type, and being capable of cooperating together upon makeup, the first threaded zones of the ends having a variable width dovetail thread profile, said ends respectively finishing in a terminal surface, at least one of the ends being provided with a lip provided between the threaded zone and the terminal surface, said lip carrying a sealing surface which is capable of cooperating in a sealing interference fit with a corresponding sealing surface disposed facing the other end when the connection is in the made up state, characterized in that the lip is hollowed out by a groove adjoining on the one hand the threaded zone and on the other hand the sealing surface,



PCT

- (22) 11/03/2014
- (21) 0379/2014
- (44) October 2018
- (45) 17/02/2019
- (11) 29174

(51)	Int. Cl. 8 A01N 25/00 & A61P 33/00 & A61K 31/42	
(71)	1. MERIAL INC (UNITED STATES OF AMERICA) 2. 3.	
(72)	 BELANSKY, Carol TEJWANI-MOTWANI, Monica SHUB, Natalya 	 ROSENTEL, Joseph, K PATE, James SOLL, Mark, D
(73)	1. 2.	
(30)	1. (US) 61/533,308 - 12-09-2011 2. (PCT/US2012/054719) - 12-09-2012 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) PARASITICIDAL COMPOSITIONS COMPRISING AN ISOXAZOLINE ACTIVE AGENT, METHODS AND USES THEREOF

Patent Period Started From 12/09/2012 and Will end on 11/09/2032

(57) This invention relates to topical compositions for combating ectoparasites and endoparasites in animals, comprising at least one isoxazoline active agent and a pharmaceutically acceptable carrier, optionally in combination with one or more additional active agents. This invention also provides for an improved methods for eradicating, controlling, and preventing parasite infections and infestations in an animal comprising administering the compositions of the invention to the animal in need thereof.

$$\begin{array}{c|c}
R^1 & O - N & A^6 & A^2 \\
R^1 & A^3 & R^4 \\
R^2 & B^3 & N & R
\end{array}$$



PCT

- (22) 20/07/2009
- (21) 1106/2009
- (44) **JUNE 2018**
- (45) 24/02/2019
- (11) 29175

(51)	Int. Cl. 8 A61K31/795 & A61P 31/14, 31/16 & C07K 7/06,7/08
(71)	1. ALLEXCEL, INC. (UNITED STATES OF AMERICA)
	2. 3.
(72)	1. DIWAN, Anil
	2. TATAKE, Jayant, G.
	3. ONTON, Ann, Louise
(73)	1.
	2.
(30)	1. (PCT/US2007/001607) - 22-01-2007
(0 0)	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SELF-ASSEMBLING AMPHIPHILIC POLYMERS AS ANTIVIRAL AGENTS Patent Period Started From 22/01/2007 and Will end on 21/01/2027

(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 and disrupting viral coat proteins. The polymers optionally feature reactive functional groups that provide attachment points for antibodies, ligands, and other targeting moieties which mediate adherence of the aggregate to a viral target.



PCT

- (22) 15/06/2016
- (21) 1017/2016
- (44) | September 2018
- (45) 25/02/2019
- (11) 29176

(51)	Int. Cl. 8 A01N 57/06, 57/10, 57/18	
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.	
(72)	 MANN, Richard K. MCMASTER, Steve NOLTING, Steven Paul WRIGHT, Terry R. 	
(73)	1. 2.	
(30)	1. (US) 61/918,997 - 20-12-2013 2. (US) 61/919,025- 20-12-2013 3. (PCT/US2014/069660) - 11-12-2014	
(74)	Abdul Hadi Intellectual Property	
(12)	Patent	

(54) SYNERGISTIC HERBICIDAL WEED CONTROL FROM COMBINATIONS OF 2,4-D-CHOLINE, GLYPHOSATE, AND GLUFOSINATE

Patent Period Started From 11/12/2014 and Will end on 10/12/2034

(57) Provided herein are herbicidal compositions comprising a mixture comprising (a) the choline salt of 2,4-dichlorophenoxyacetic acid (2,4-D-choline), (b) a salt of N-(phosphonomethyl)glycine (glyphosate), and (c) a salt of 2-amino-4-(hydroxymethylphosphinyl)-butanoic acid (glufosinate). The compositions provide synergistic weed control of undesirable vegetation and improved crop tolerance in 2,4-D-, glyphosate- and glufosinate-tolerant soybeans, corn, or cotton The compositions also provide synergistic weed control of undesirable vegetation in areas including, but not limited to, non-crop, perennial crop, fruiting crop, and plantation crop areas.



PCT

- (22) 15/06/2016
- (21) 1018/2016
- (44) | September 2018
- (45) 25/02/2019
- (11) 29177

(51)	Int. Cl. 8 A01N 39/04	
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.	
(72)	 MANN, Richard K. MCMASTER, Steve NOLTING, Steven Paul 	 PETERSON, Mark SORRIBAS AMELA, Monica WRIGHT, Terry R.
(73)	1. 2.	
(30)	1. (US) 61/918,997 - 20-12-2013 2. (US) - 20-12-201361/919,025 3. (PCT/US2014/069658) - 11-12-2014	
(74)	Abdul Hadi Intellectual Property	
(12)	Patent	

(54)	SYNERGISTIC HERBICIDAL WEED CONTROL AND
	IMPROVED CROP TOLERANCE FROM COMBINATIONS OF
	2,4-D-CHOLINE, GLYPHOSATE, AND GLUFOSINATE IN 2,4-D-,
	GLYPHOSATE- AND GLUFOSINATE-TOLERANT SOYBEANS,
	CORN, COTTON AND OTHER CROP AREAS

Patent Period Started From 11/12/2014 and Will end on 10/12/2034

(57) Provided herein are herbicidal compositions comprising a mixture comprising (a) the choline salt of 2,4-dichlorophenoxyacetic acid (2,4-D-choline), (b) a salt of N-(phosphonomethyl)glycine (glyphosate), and (c) a salt of 2-amino-4-(hydroxymethylphosphinyl)-butanoic acid (glufosinate). The compositions provide synergistic weed control of undesirable vegetation and improved crop tolerance in 2, 4-D-, glyphosate- and glufosinate-tolerant soybeans, corn, or cotton. The compositions also provide synergistic weed control of undesirable vegetation in areas including, but not limited to, non-crop, perennial crop, fruiting crop, and plantation crop areas.



PCT

- (22) 22/01/2015
- (21) 0114/2015
- (44) **September 2018**
- (45) 25/02/2019
- (11) 29178

(51)	Int. Cl. 8 A01N 43/40	
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.	
(72)	1. YERKES, Carla, N	4. CARRANZA GARZON
(12)	2. SATCHIVI, Norbert	5. WEIMER, Monte, R
	3. MANN, Richard, K	, , , , , , , , , , , , , , , , , , , ,
(73)	1.	
	2.	
(30)	1. (US) 61/675,103 - 24-07-2012	
()	2. (US) 13/839,043 - 15-03-2013	
	3. (PCT/US2013/051320) - 19-07-2013	
(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 19/07/2013 and Will end on 18/07/2033

(57) Provided herein are synergistic herbicidal compositions containing (a) a compound of formula 4-amino-3-chloro-5-fluoro-6-(4-chloro-2-fluoro-3-(I): methoxyphenyl)pyridine-2-carboxylic acid or a derivative thereof, or an agriculturally acceptable salt or ester thereof and (b) an ACCase inhibitor, including, e.g., clethodim, clodinafop-propargyl, cyhalofop-R-butyl, diclofop-methyl, fenoxaprop-Pethyl, fluazifop-P-butyl, haloxyfop-R-methyl, metamifop, pinoxaden, profoxydim, quizalofop-P-ethyl, sethoxydim and tralkoxydim, provide synergistic weed control of undesirable vegetation in 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) or rights of way (ROW).

$$\begin{array}{c} & & \text{NH}_2 \\ & & \text{Cl} \\ & & \text{Cl} \\ & & \text{N} \\ & & \text{OH} \end{array}$$



PCT

- (22) 24/08/2018
- (21) | 1315/2015
- (44) **September 2018**
- (45) 25/02/2019
- (11) 29179

(51)	Int. Cl. 8 A01N 25/32
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2.
(72)	3. 1. SCHULZ, Thomas 2.
(73)	3. 1. 2.
(30)	1. (US) 775,040 /61 - 08-03-2013 2. (PCT/US2014/021627) - 07-03-2014 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) HERBICIDAL COMPOSITIONS COMPRISING ISOXABEN AND FLUFENACET

Patent Period Started From 07/03/2014 and Will end on 06/03/2034

(57) Herbicidal compositions and methods of controlling undesirable vegetation using a combination of (a) isoxaben, (b) flufenacet, and optionally (c) diflufenican provide control of broad-leaved weeds. The protection of crops from weeds and other vegetation which inhibit crop growth is a constantly recurring problem in agriculture. To help combat this problem, researchers in the field of synthetic chemistry have produced an extensive variety of chemicals and chemical formulations effective in the control of such unwanted growth.



PCT

- (22) 21/04/2015
- (21) 0615/2015
- (44) **September 2018**
- (45) 25/02/2019
- (11) 29180

(51)	Int. Cl. 8 C08L 23/08 & A01G 25/02 & F10	6L 1/06, 1/00, 37/54 & C08K 3/04
(71)	 BOREALIS AG (AUSTRIA) ABU DHABI POLYMERS CO LTD (B 	OROUGE) (UNITED STATES OF AMERICA)
(72)	1. MOTHA, Kshama	4. DASGUPTA, Chanchal
()	2. NILSSON, Anette	5. ASTING, Johan
	3. NIKHADE, Prashant	
(73)	1. 2.	
(30)	1. (EP) 12007622.9 - 09-11-2012	
(3 4)	2. (PCT/EP2013/003351) - 07-11-2013	
	3.	
(74)	Amr Mofed El Deeb	
(12)	Patent	

(54) POLYMER COMPOSITION COMPRISING A BLEND OF A MULTIMODAL POLYETHYLENE AND A FURTHER ETHYLENE POLYMER SUITABLE FOR THE PRODUCTION OF A DRIP IRRIGATION PIPE

Patent Period Started From 07/11/2013 and Will end on 06/11/2033

(57) The present application relates to a polymer composition as defined in claims comprising (A) a polymer base resin, which comprises a blend of (A-1) a multimodal ethylene polymer and (A-2) an ethylene polymer, and carbon black, a drip irrigation pipe comprising said polymer composition, a process for producing said drip irrigation pipe, pellets comprising said polymer composition and the use of said polymer composition for producing said drip irrigation pipe.



PCT

- (22) 03/04/2016
- (21) 0568/2016
- (44) November 2018
- (45) 27/02/2019
- (11) 29181

(51)	Int. Cl. 8 H04N 7/00 & G09G 5/00
(71)	1. DCNS (FRENC) 2. 3.
(72)	 THOMAZO, Didier, Yves, Marie CHARVET, Christophe, Alain, Marie NOYER, Alexis, Cyril, Gwenael
(73)	1. 2.
(30)	1. (FR) 13 59661 - 04-10-2013 2. (PCT/EP2014/070863) - 30-09-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SUPERSTRUCTURE FOR NAVAL PLATFORM AND ASSOCIATED METHOD FOR IMPLEMENTING SAME Patent Period Started From 30/09/2014 and Will end on 29/09/2034

(57) The invention relates to a superstructure for a naval platform, comprising a plating and a floor, the floor being applied to the plating and suitable for fixing to a deck of the naval platform, said superstructure being characterised in that the floor is detachably fixed to the plating and suitable for fixing to said deck independently from the plating and at a distance therefrom.



PCT

- (22) 08/04/2015
- (21) 0537/2015
- (44) November 2018
- (45) 27/02/2019
- (11) 29182

(51)	Int. Cl. 8 A23K 1/175, 33/26 & A23L 1/304 & C05D 9/02
(71)	1. PRAYON
	2.
	3.
(72)	1. VERHELST, Kurt, Thierry, S
	2. CAPPELLE, Philippe, Jacques, Myriam
	3.
(73)	1.
. ,	2.
(30)	1. ()2012/00667 - 10-10-2012
	2. (PCT/EP2013/069374) - 18-09-2013
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) IRON-BASED NUTRITIVE COMPOSITION Patent Period Started From 18/09/2013 and Will end on 17/09/2033

(57) The present invention relates to an inorganic solid nutritive composition comprising at least one polyphosphate and at least one source of iron as micronutrient, wherein said composition is water-soluble and comprises an iron content of between 0.1% and 5% by weight of iron relative to the total weight of said solid composition.



PCT

- (22) 16/09/2010
- (21) 1558/2010
- (44) November 2018
- (45) 27/02/2019
- (11) 29183

(51)	Int. Cl. ⁸ C01B 3/04 & F02B 43/00 & F02	2M 21/02 & H01M 8/16
(71)	1. TOYOTA JIDOSHA KABUSHIKI K. 2. 3.	AISHA (JAPAN)
(72)	 TANGE, Kyoichi NAKANISHI, Haruyuki ARIKAWA, Hidekazu 	4. NAKAMURA, Norihiko
(73)	1. 2.	
(30)	1. (JP) 2008-070360 - 18-03-2008 2. (PCT/JP2009/056013) - 18-03-2009 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) HYDROGEN GENERATOR, AMMONIA COMBUSTION INTERNAL COMBUSTION ENGINE, AND FUEL CELL Patent Period Started From 18/03/2009 and Will end on 17/03/2029

(57) Disclosed is a hydrogen generator that can be operated in a broad temperature range. The hydrogen generator comprises a first ammonia converting part having a hydrogen producing material that is reacted with ammonia in a first temperature range to produce hydrogen, a second ammonia converting part having an ammonolysis catalyst that decomposes ammonia into hydrogen and nitrogen in a second temperature range, an ammonia supply part for supplying ammonia, and an ammonia supply passage for supplying ammonia from the ammonia supply part into the first and second ammonia converting parts. The first temperature range includes a temperature below the second temperature range. Hydrogen is produced from ammonia by performing switching between the first ammonia converting part and the second ammonia converting part. Also disclosed are an ammonia combustion internal combustion engine and a fuel cell comprising the hydrogen generator.



PCT

- (22) 12/03/2014
- (21) 0384/2014
- (44) November 2018
- (45) 27/02/2019
- (11) 29184

(51)	Int. Cl. 8 D03D 37/00, 51/28, 51/30
(71)	1. STARLINGER & CO GESELLSCHAFT M.B.H (AUSTRIA) 2.
	3.
(72)	 HEHENBERGER, Reinhold SCHINDLER, Albert .
(73)	1. 2.
(30)	1. (EP) 11181287.1 - 14-09-2011 2. (PCT/EP2012/066625) - 27-08-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) WARP BAND STOP MOTION AND CIRCULAR LOOM Patent Period Started From 27/08/2012 and Will end on 26/08/2032

(57) The warp band stop motion for looms, in particular circular looms, comprises a sensor piece that has a passage for a warp band. The sensor piece can be moved back and forth between a preloaded rest position and a working position, into which the sensor piece can be moved by a tensile stress of the warp band passing through the sensor piece. A rest position detector detects the presence of the sensor piece in the rest position or the approach of the sensor piece toward the rest position. If the rest position of the sensor piece or the approach of the sensor piece toward the rest position is detected, the detector emits a rest position signal. A warp band clamping device is provided, between which device and the sensor piece the warp band can be clamped when the sensor piece moves into the rest position thereof.



PCT

- (22) 14/11/2013
- (21) 1761/2013
- (44) November 2018
- (45) 27/02/2019
- (11) 29185

(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.
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(30)	1. (DE) 10 2011 101 636.1 - 16-05-2011
(00)	2. (DE) 10 2011 111 026.0 - 19-08-2011
	3. (DE) 10 2012 005 287.1 - 15-03-2012
	4. (PCT/EP2012/059052) - 15-05-2012
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) RAILWAY WORK VEHICLE Patent Period Started From 15/05/2012 and Will end on 14/05/2032

(57) The invention relates to a railway work vehicle comprising a chassis supported by a drive mechanism and work devices supported by the chassis. According to the invention, the transportation of material within the work vehicle below and/or above and/or next to the working devices can be improved by using at least one conveyor track on which conveyor bodies for objects or objects forming conveyor bodies, in the form of a parcelled goods, can be driven along the working vehicle.



PCT

- (22) 21/12/2010
- (21) 2170/2010
- (44) November 2018
- (45) 27/02/2019
- (11) 29186

	T . CI S . TROP 4440 0 TROP 0/04
(51)	Int. Cl. 8 F23D 14/10 & F23Q 9/04
` '	
(71)	1. SABAF S.P.A (ITALY)
(/1)	
	2.
	3.
(72)	1. BETTINZOLI, Angelo
()	2.
	3.
(73)	1.
	2.
(30)	1. (PCT/IT2008/000422) - 23-06-2008
(30)	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent
(1-)	

(54) GAS BURNER FOR OVENS OR GRILLS Patent Period Started From 23/06/2008 and Will end on 22/06/2028

(57) Gas burner for oven, or grill, of fhe fype comprising at least one Venturi tube, for forming the fuel mixture of primary air - gas, having at least one zone with a reduced section followed by a zone with a diverging section, at least one distribution chamber of the fuel mixture, placed downstream the zone with a diverging section of the Venturi tube, and a plurality of flame openings for the outflow of the fuel mixture, obtained within such a distribution chamber, or in fluidic communication with the latter, as well at least one ignition hole for igniting the burner. Advantageously the latter comprises at least one diversion duct for part of the flow of the fuel mixture, exhibiting its own inlet section obtained in a sector downstream the zone with a reduced section of the Venturi tube, and its own outlet section placed at the afore said ignition hole.

Arab Republic of Egypt

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



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED MARCH IN 2019"

Egyptian Patent Office

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(PATENT No. 29218)	(33)
(PATENT No. 29219)	(34)
(PATENT No. 29220)	(35)

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.

President of Patent Office

Dr. Mona M. Yehia

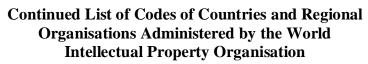
Bibliographic data

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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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Code	Country
AE	United Arab emairates
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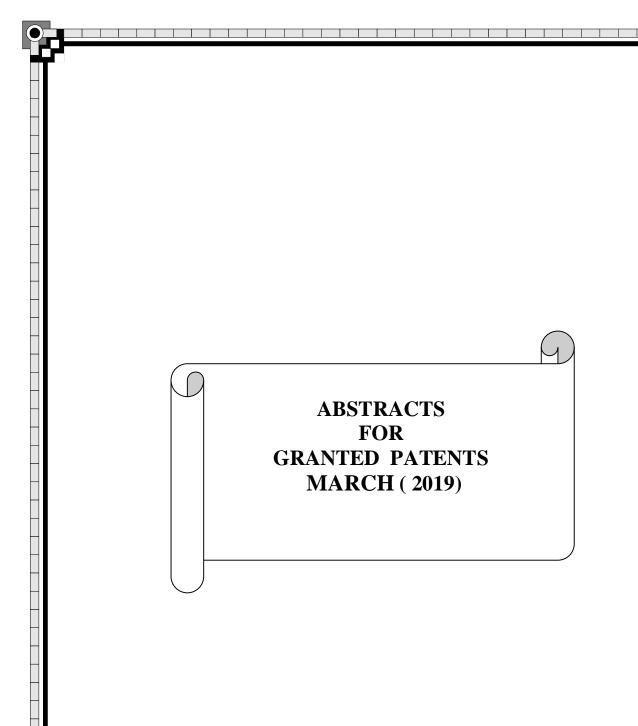
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TN	Tunisia
TR	Turkey
TT	Trindad and Topago
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UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

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ZM	Zambia	
ZR	Zaire	
ZW	Zimbabwe	





PCT

- (22) 15/08/2016
- (21) 1352/2016
- (44) October 2018
- (45) 03/03/2019
- (11) 29187

(51)	Int. Cl. 8 A01N 43/90	
(71)	1. BAYER CROPSCIENCE AG (GERMANY) 2. 3.	
(72)	 FISCHER, Rüdiger ALIG, Bernd ILG, Kerstin MALSAM, Olga GORGENS, Ulrich 	6. TURBERG, Andreas7. LI, Jun8. ZHERSH, Sergey9. ARLT, Alexander
(73)	1. 2.	
(30)	1. (EP) 1415537207 – 17-02-2014 2. (PCT/EP2015/052351) - 05-02-2015 3.	
(74)	SMAS Intellectual Property	
(12)	Patent	

(54) 2- (HET) ARYL-SUBSTITUTED CONDENSED BICYCLIC HETEROCYCLE DERIVATIVES AS PEST CONTROL AGENTS Patent Period Started From 05/02/2015 and Will end on 04/02/2035

(57) The invention relates to novel compounds of formula (I),

$$\mathbb{R}^{3} \xrightarrow{\mathbb{A}^{4}} \mathbb{R}^{2^{3}} \xrightarrow{\mathbb{A}^{2}} \mathbb{R}^{1}$$

$$\mathbb{R}^{3} \xrightarrow{\mathbb{A}^{4}} \mathbb{R}^{2^{3}} \xrightarrow{\mathbb{R}^{2^{3}}} \mathbb{R}^{2^{3}}$$

$$(I)$$

where R1, R 2a, R 2b, R 3, A 1, A 2, A 3, A 4, A 5 and n have the meanings indicated in the description, the use thereof as acaricides and/or insecticides for controlling animal pests, and methods and intermediate products for the production thereof.



PCT

- (22) 19/05/2016
- (21) 0846/2016
- (44) November 2018
- (45) 03/03/2019
- (11) 29188

(51)	Int. Cl. 8 C02F 9/00, 103/42
(71)	1. CRYSTAL LAGOONS (CURACAO) B.V. (NETHERLAND) 2.
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(72)	1. FISCHMANN TORRES, Fernando Benjamin
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(73)	1.
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(30)	1. (US) 61/915,331 - 12-12-2013
	2. (US) 14/564,957 - 09-12-2014
	3. (PCT/IB2014/002891) - 29-12-2014
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD FOR MAINTAINING WATER QUALITY IN LARGE WATER BODIES

Patent Period Started From 29/12/2014 and Will end on 28/12/2034

(57) This invention relates to a method for treating large water bodies wherein the method comprises: (a) applying an effective amount of a flocculent to water in the water body to maintain turbidity of the water below 2 ntu, wherein the flocculent flocculates suspended solids in the water into particles that settle to the bottom of the water body, (b) operating a mobile auctioning device to maintain an increase in the black component of the bottom's colour below 30% based on the cmyk scale, wherein the mobile suction device suctions a portion of water from the bottom of the water body containing settled particles, and wherein the device is capable of cleaning at a surface cleaning rate of 10.000m2/24 hours: (c) filtering the water suctioned by the mobile suction device and returning the filtered water to the water body, wherein the water suctioned by the mobile suction device does not exceed 10% of the total water volume of the water body in a 24 hour interval; and (d) operating a degreasing to maintain a .surface water layer having less than about 20 mg/l of floating greases, wherein greases from a surface water how into the degreasing arc removed by a separation unit comprising a degreaser and the treated water is returned to the water body.



PCT

- (22) 29/04/2014
- (21) 0691/2014
- (44) **September 2018**
- (45) 03/03/2019
- (11) 29189

(51)	Int. Cl. 8 H01L 31/024
(71)	1. BENECKE-KALIKO AG (GERMANY) 2. 3.
(72)	 STOLTING, Andreas AARBURGER, Tobias .
(73)	1. 2.
(30)	1. (DE) 10 2011 056 284.2 - 12-12-2011 2. (PCT/EP2012/072962) - 19-11-2012 3.
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) FLOATING COVER SHEET WITH SOLAR MODULE Patent Period Started From 19/11/2012 and Will end on 18/111/2032

(57) Floating cover sheet of a liquid reservoir, said sheet being composed of individual elongate sheet panels connected to one another at the edges, wherein each sheet panel has in the lower region a buoyant carrier sheet composed of plastic, which, facing outwards, is occupied by a panel-shaped solar module embodied in an elongate fashion, wherein the width of the solar module is smaller in relation to the width of the sheet panel and is designed such that a passable and hardwearing strip of carrier material not occupied by a solar module is formed on each sheet panel.



PCT

- (22) 20/04/2015
- (21) 0602/2015
- (44) **September 2018**
- (45) 03/03/2019
- **(11) 29190**

(51)	Int. Cl. 8 B21B 35/04
(71)	1. PMP INDUSTRIES S.P.A (ITALY) 2. 3.
(72)	 POZZO, Luigino 3.
(73)	1. 2.
(30)	1. (IT) UD2012A000178 - 24-10-2012 2. (PCT/EP2013/003157) - 21-10-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) ROLLING STATION AND ROLLING MILL PLANT Patent Period Started From 21/10/2013 and Will end on 20/10/2033

(57) Rolling station intended to couple with a respective rolling cartridge or stand provided with two rolling cylinders, wherein the rolling station comprises a supporting frame of the transmissions suitable for housing a pair of transmission devices of which a first transmission device is intended to couple with a first rolling cylinder and a second transmission device 33 is intended to couple with a second rolling cylinder, the first rolling cylinder 31 being put in rotation by a first motor by means of the first transmission device and the second rolling cylinder being put in rotation by a second motor by means of the second transmission device.



PCT

- (22) 26/01/2009
- (21) 0116/2009
- (44) **September 2018**
- (45) 04/03/2019
- (11) 29191

(51)	Int. Cl. 8 H04N 5/217
(71)	1. RAYTHEON COMPANY (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. KILGORE, Patrick M.
	2.
	3.
(73)	1.
	2.
(30)	1. (US) 11/468,137 - 29-08-2006
(30)	2. (PCT/US2007/070714) - 08-06-2007
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SYSTEM AND METHOD FOR ADAPTIVE NON-UNIFORMITY COMPENSATION FOR A FOCAL PLANE ARRAY

Patent Period Started From 08/06/2007 and Will end on 07/06/2027

(57) A method of reducing an amount of fixed pattern noise from an image signal generated by an image sensor. The method includes, for each operational pixel in the image signal, applying a recursively updated offset term to generate a corrected image signal. The offset correction terms are recursively updated by spatially filtering the corrected image signal for a current frame of the image signal; comparing the filtered corrected image signal of the current frame with a spatially filtered corrected image signal of a preceding frame of the image signal; and updating the offset correction terms with terms generated as a function of the comparison.



PCT

- (22) 01/07/2015
- (21) 1071/2015
- (44) **September 2018**
- (45) 04/03/2019
- (11) 29192

(51)	Int. Cl. 8 E21B 43/267
(71)	 CARBO CERAMICS INC (UNITED STATES OF AMERICA) SANDIA CORPORATION (UNITED STATES OF AMERICA) 3.
(72)	1. CANNAN, Chad 2. BARTEL, Lewis 3. PALISCH, Terry
(73)	1. 2.
(30)	1. (US) 61/749,093 - 04-01-2013 2. (PCT/US2014/010228) - 03-01-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) ELECTRICALLY CONDUCTIVE PROPPANT AND METHODS FOR DETECTING, LOCATING AND CHARACTERIZING THE ELECTRICALLY CONDUCTIVE PROPPANT

Patent Period Started From 03/01/2014 and Will end on 02/01/2034

(57) Electrically conductive sintered, substantially round and spherical particles and methods for producing such electrically conductive sintered, substantially round and spherical particles from an alumina-containing raw material. Methods for using such electrically conductive sintered, substantially round and spherical particles in hydraulic fracturing operations. Embodiments of the present invention relate generally to hydraulic fracturing of geological formations, and more particularly to electromagnetic (EM) methods for detecting, locating, and characterizing electrically conductive prop pants used in the hydraulic fracture stimulation of gas, oil, or geothermal reservoirs.



PCT

- (22) 02/09/2015
- (21) | 1384/2015
- (44) **September 2018**
- (45) 04/03/2019
- (11) 29193

(51)	Int. Cl. 8 A01N 43/90, 43/40		
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.		
(72)	 ECKELBARGER, Joseph, D EPP, Jeffrey, B FISCHER, Lindsey, G GIAMPIETRO, Natalie, C IRVINE, Nicholas, M KISTER, Jeremy LO, William, C 	8. LOWE, Christian, T 9. PETKUS, Jeffrey 10. ROTH, Joshua 11. SATCHIVI, Norbert, M. 12. SCHMITZER, Paul, R. 13. SIDDALL, Thomas, L 14. YERKES, Carla, N.	
(73)	1. 2.		
(30)	1. (US) 13/840,233 – 15-03-2013 2. (PCT/US2014/024388) - 12-03-2014 3.		
(74)	Abdul Hadi Intellectual Property		
(12)	Patent		

(54) 4-AMINO-6-(4-SUBSTITUTED-PHENYL)-PICOLINATES AND 6-AMINO-2-(4-SUBSTITUTED-PHENYL)-PYRIMIDINE-4-CARBOXYLATES AND THEIR USE AS HERBICIDES

Patent Period Started From 12/03/2014 and Will end on 11/03/2034

(57) Provided herein are 4-amino-6-(4-substituted-phenyl)-picolinic acids and their derivatives, and 6-amino-2-(4-substituted-phenyl)-pyrimidine-4-carboxylic acids and their derivatives, compositions comprising the acids and their derivatives, and methods of use thereof as herbicides.



PCT

- (22) 12/09/2013
- (21) 1433/2013
- (44) | September 2018
- (45) 10/03/2019
- (11) 29194

(51)	Int. Cl. ⁸ H04N 7/32	
(71)	1. HFI Innovation Inc.	
(/1)	2.	
	3.	
	- :	
(72)	1. CHEN, Yi-Wen	4. TSAI, Yu-Pao
	2. HUANG, Yu-Wen	5. LEI, Shaw-Min
	3. LIN, Jian-Liang	,
(52)		
(73)	1.	
	2.	
(30)	1. (US) 61/453,666 - 17-03-2011	
(30)	2. (US) 13/177,808 – 07-07-2011	
	3. (PCT/CN2011/080093) - 23-09-2011	
(74)	MAHMOUD RAGAEY ELDEKY	
(12)	Patent	
` /		

(54) METHOD AND APPARATUS FOR DERIVATION OF SPATIAL MOTION VECTOR CANDIDATE AND MOTION VECTOR PREDICTION CANDIDATE

Patent Period Started From 23/09/2011 and Will end on 22/09/2031

(57) An apparatus and method for deriving a motion vector predictor are disclosed. In video coding systems, the spatial and temporal redundancy is exploited using spatial and temporal prediction to reduce the information to be transmitted or stored. Motion vector prediction has been used to further conserve the bitrate associated with motion vector coding. In a conventional coding system, a motion vector predictor (MVP) is selected from the spatial MVPs and temporal MVP. The spatial MVP according to a conventional approach is based on motion vectors (MVs) of neighboring blocking pointing to a target reference picture in a given reference list. Embodiments according to the present invention perform the MVP search among an extended search set including MVs pointing to other reference pictures in the given reference list or the other reference list and MVs pointing to the target reference picture in the given reference list or the other reference list. Other aspects of the present invention address the search order of the search set and configuration of neighboring blocks.



PCT

- (22) 22/02/2016
- (21) 0276/2016
- (44) October 2018
- (45) 13/03/2019
- (11) 29195

(51)	Int. Cl. 8 H04W 74/08	
(71)	1. QUALCOMM INCORPORATED (UNITED S 2. 3.	STATES OF AMERICA)
(72)	1. MERLIN, Simone	4. VERMANI, Sameer
	 BARRIAC, Gwendolyn Denise SAMPATH, Hemanth 	
(73)	1. 2.	
(30)	1. (US) 14/469,111 - 28-08-2013 2. (US) 61/871,269 - 26-08-2014 3. (PCT/US2014/052839) - 27-08-2014	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) METHODS AND APPARATUS FOR MULTIPLE USER UPLINK Patent Period Started From 27/08/2014 and Will end on 26/08/2034

(57) Methods and apparatus for multiple user uplink are provided. In one aspect, a method of wireless communication is provided. The method includes transmitting a quality of service (QoS) message to a device. The QoS message includes a request for a transmission opportunity for sending uplink data to the device. The QoS message includes at least one of a sequence control field or a QoS control field. The method further includes receiving a clear to transmit (CTX) message in response to the QoS message. The method further includes transmitting data to the device in response to the CTX message.



PCT

- (22) 03/07/2012
- (21) 1212/2012
- (44) August 2018
- (45) 11/03/2019
- (11) 29196

(51)	Int. Cl. 8 A61J 1/14
(71)	1. Renolit HANSEN PACKAGING Te ch (bj) LTD (CHINA) 2.
	3.
(72)	1. HO, Kwok Keung Mars
	2.
	3.
(73)	1.
	2.
(30)	1. (CN) 201020046706.9 - 05-01-2010
(0 0)	2. (CN) 201020046707.3 – 05-01-2010
	3. (CN) 201020046708.8 – 05-01-2010
	4. (CN) 201020046709.2 - 05-01-2010
	5. (PCT/CN2011/070003) - 01-01-2011
(74)	YOUSEF MOHMED HAFEZ
(12)	Patent

(54) MEDICAL CONNECTOR AND BENDING COMBINATION COVER THEREOF Patent Period Started From 01/01/2011 and Will end on 31/12/2031

(57) Medical connector and bending combination cover for medical connector are provided. The bending combination cover has a cover body with a top wall and a side wall and an accommodating cavity for the rubber plug, the top wall has a bending element which comprising a tubular neck section connected with the top wall and a bending section connected with the tubular neck section. The tubular neck section is provided with a fragile slot, where the fragile slot and an internal wall face of the tubular neck section are formed into a fragile wall. The connector and the bending combination cover can completely transform bending force into effective force. Increased to a certain extent even in the thickness of the fragile wall, it will not lead to an increase of bending force, resulting in the phenomenon of arduous bending.



PCT

- (22) 22/02/2016
- (21) 0281/2016
- (44) **September 2018**
- (45) 11/03/2019
- (11) 29197

(51)	Int. Cl. 8 H01R 11/05, 11/09, H02G 3/04
(71)	 Thomas & Betts International LLC (UNITED STATES OF AMERICA) 3.
(72)	 Robert Fong 3.
(73)	1. 2.
(30)	1. (US) 62/120,050 - 24-02-2015 2. 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) CABLE WIRE BRUSHING CONNECTOR Patent Period Started From 22/02/2016 and Will end on 21/02/2036

(57) An electrical connector includes a body having a bore and an interior surface. The bore is sized to receive a cable conductor of an electrical power cable. The body includes a groove disposed along a length of the interior surface. A wire brush insert is located within the groove and includes a plurality of bristles that extend into at least a portion of the bore. Rotating the cable wire brushing connector relative to the cable conductor cleans the cable conductor prior to securing the cable conductor within the cable wire brushing connector.



PCT

- (22) 24/04/2016
- (21) 0714/2016
- (44) November 2018
- (45) 13/03/2019
- (11) 29198

(51)	Int. Cl. 8 C09D 163/00 & C08K 5/54, 7/14
(71)	 Akzo Nobel Coatings International B.V. Marco Nobel Coatings International B.V.
	3.
(72)	1. PARK, Taesoon
	2. HYUN, DaeHwa
	3. KIM, SeokJoo
(73)	1.
	2.
(30)	1. (EP) 13190783.4 - 30-10-2013
(00)	2. (PCT/EP2014/072991) - 27-10-2014
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54)	POWDER COATING COMPOSITION
	Patent Period Started From 27/10/2014 and Will end on 26/10/2034

(57) A powder coating composition comprises one epoxy resin, at least one adhesion promoter and at least one filler, methods for coating substrates and substrates coated with a single layer powder coating system including the powder coating composition.



PCT

- (22) 25/05/2014
- (21) 0849/2014
- (44) November 2018
- (45) 13/03/2019
- (11) 29199

(51)	Int. Cl. 8 A61B 17/66
	1 INWERGIEW OF CARE TOWN (COUTH APPICA)
(71)	1. UNIVERSITY OF CAPE TOWN (SOUTH AFRICA) 2.
	3 .
(72)	1. HENDRICKS, Mogamat Rushdie
	2. VICATOS, George
	3. BOONZAIER, James Angus
(73)	1.
()	2.
(30)	1. (ZA) 2011/08678 - 25-11-2011
(00)	2. (PCT/IB2012/056664) - 23-11-2012
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) TRANSPORT DISTRACTION APPARATUS Patent Period Started From 23/11/2012 and Will end on 22/11/2032

(57) Transport distraction apparatus for performing transport distraction osteogenesis is provided which includes a track capable of being formed into a curvilinear shape with a carriage movable longitudinally along the track. The carriage has a fixation plate secured or securable to it and at least one gear for moving the carriage along the track in order to adjust its position relative to the length of the track. The track has a series of formations extending along one edge of the track and engaged by the gear which is at least partially accommodated within a space between a plane including the front face of the track and a plane including the rear face of the track. Preferably, the apparatus creates a gap between a central region of the track and a patient's bone in use. A fixation plate is also provided.



PCT

- (22) 25/05/2014
- (21) 0848/2014
- (44) November 2018
- (45) 13/03/2019
- (11) 29200

(51)	Int. Cl. 8 H04R 3/00
(71)	 FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. (GERMANY) 3.
(72)	 DEL GALDO, Giovanni HABETS, Emanuel KUCH, Fabian CRACIUN, Alexandra THIERGART, Oliver
(73)	1. 2.
(30)	1. (EP) 11191828.0 - 02-12-2011 2. (US)13/445.560 - 12-04-2012 3. (PCT/EP2012/073906) - 29-11-2012
(74)	NAHED WADE REZK
(12)	Patent

(54) AN APPARATUS FOR MICROPHONE POSITIONING IS PROVIDED. THE APPARATUS COMPRISES A SPATIAL POWER DISTRIBUTION DETERMINER

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

(57) An apparatus for microphone positioning is provided. The apparatus comprises a spatial power distribution determiner and a spatial information estimator. The spatial power distribution determiner is adapted to determine a spatial power density indicating power values for a plurality of locations of an environment based on sound source information indicating one or more power values and one or more position values of one or more sound sources located in the environment. The spatial information estimator is adapted to estimate acoustic spatial information based on the spatial power density.



PCT

- (22) 07/05/2014
- (21) 0738/2014
- (44) October 2018
- (45) 13/03/2019
- (11) 29201

(51)	Int. Cl. 8 H02G 1/08, 1/12, 3/04 & G02B 6/44
(71)	1. Wesco Equity Corporation (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. ALLEN, Jerry L
	2.
	3.
(73)	1.
	2.
(30)	1. (US) 61/562,035 - 21-11-2011
` ′	2. (US) 13/622,173 - 18-09-2012
	3. (PCT/US2012/065763) - 19-11-2012
(74)	NAHED WADE REZK
(12)	Patent

(54) CONDUIT SPACE RECOVERY SYSTEM Patent Period Started From 19/11/2012 and Will end on 18/11/2032

(57) The present invention discloses a method of recovering space in a longitudinally extending conduit which has at least one live or active cable. The said cable of the present invention is surrounded by a longitudinally extending duct in the conduit. Said method comprises the steps of moving the duct out of the conduit and as the duct is being moved, cutting the duct so that the duct may be removed from around the live or active cable without disruption or interruption.



PCT

- (22) 25/10/2016
- (21) 1752/2016
- (44) November 2018
- (45) 17/03/2019
- (11) 29202

(51)	Int. Cl. 8 B63J 4/00
(71)	1. DE NORA OZONE S.R.L (ITALY) 2. 3.
(72)	 PANSERA, Mario ROSSI, Maurizio 3.
(73)	1. 2.
(30)	1. (IT) BG2014A000021 -19-06-2014 2. (PCT/EP2015/063679) - 18-06-2015 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) PLANT FOR THE TREATMENT OF WASTE WATER ON BOARD OF VESSELS

Patent Period Started From 18/06/2015 and Will end on 17/06/2035

(57) The invention relates to a plant for the treatment of waste water on board of vessels comprising a collection tank of black water and grey water, a primary treatment unit including a band filter, a secondary treatment unit including a micro-filtration or ultra filtration module and a tertiary treatment unit including an ozone treatment module.



PCT

- (22) 13/07/2015
- (21) 1125/2015
- (44) November 2018
- (45) 17/03/2019
- (11) 29203

(51)	Int. Cl. 8 G02B 6/44, & H02G 3/18
(71)	 Channell Commercial Corporation (UNITED STATES OF AMERICA) 3.
(72)	1. BURKE, Edward J 2. 3.
(73)	1. 2.
(30)	1. (US) 61/752,906 - 15-01-2013 2. (US) 13/827,594 - 14-03-2013 3. (PCT/US2014/010747) - 08-01-2014
(74)	NAHED WADIH RIZK
(12)	Patent

(54) GRADE LEVEL ENCLOSURE CONVERSION ASSEMBLY Patent Period Started From 08/01/2014 and Will end on 07/01/2034

(57) A grade level enclosure conversion assembly adapted for converting a pedestal housing between a flush-to-grade and an above-ground pedestal installation. The base of the pedestal housing carries a plug removably mounted to a swing-arm in the grade level enclosure. The swing-arm holds the pedestal assembly in a stored position in the flush-to-grade installation, containing wiring for service connections. To convert to the above-ground installation, a solid grade level cover plate lid is removed, and the pedestal assembly is rotated on the swing arm to a raised position from which it can be removed from the swing- arm (along with the wiring) and fed through an access opening in a separate cover plate lid. The plug on the pedestal housing is then positioned in the access opening to hold the pedestal assembly in the above-ground position. A series of separate fiber optic splice connections, or other underground utility service connections, can be made when rotating the pedestal between the stored position and the above-ground position.



PCT

- (22) 26/11/2012
- (21) 1964/2012 D1
- (44) November 2018
- (45) 17/03/2019
- (11) 29204

(51)	Int. Cl. 8 H04N 7/26
(71)	 Sony Corporation (JAPAN) 3.
(72)	1. SATO Kazushi 2. 3.
(73)	1. 2.
(30)	1. (JP) 2010-129414 - 04-06-2010 2. (JP) 2010-222300 - 30-09-2010 3. (JP) 2011-053479 - 10-03-2011 4. (JP) 2011-054816 - 11-03-2011 5. (PCT/JP2011/062797) - 03-06-2011
(74)	NAHED WADIH RIZK
(12)	Patent

(54) ENCODING APPARATUS AND METHOD Patent Period Started From 03/06/2011 and Will end on 02/06/2031

(57) An image processing apparatus and a method for processing an image. The image processing apparatus includes circuitry configured to set, based on a value indicating a minimum coding block size for which a difference quantization parameter is set and based on the difference quantization parameter, a current quantization parameter for a current coding block. The current coding block is in a layer that is lower than a layer of a largest coding block. The circuitry is further configured to inversely quantize quantized data based on the set current quantization parameter.



PCT

- (22) 05/02/2014
- (21) 0168/2014 D1
- (44) December 2018
- (45) 20/03/2019
- (11) 29205

(51)	Int. Cl. 8 A61F 2/82
(71)	1. DIKRAN GILBERT GHOUGAS HOVAGHIMIAN (EGYPT)
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	3.
(72)	1. DIKRAN GILBERT GHOUGAS HOVAGHIMIAN
` /	2.
	3.
(73)	1.
` /	2.
(30)	1,
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	3.
(74)	
(12)	Patent

(54) PERMANENT SILICONE LACRIMAL STENT FOR FIBROSED OR ABSENT LACRIMAL CANALICULI Patent Period Started From 05/02/2014 and Will end on 04/02/2034

(57) The lacrimal stent is made of medical grade silicone for permanent implantation. It is designed for fibrosed or absent lacrimal canaliculi. It is a continuous unit of 2 parts . first part, 2 tubes for implantion in the eyelids, second part, a tube to be implanted in the lacrimal fossa with its free end passing through a hole in the lacrimal bone preventing its obstruction and has 4 notches to guard against blockage of the stent. The tube possesses 10 holes that will act as extra drainage channels if the 1st part is removed. The stent is compressible.



PCT

- (22) 15/07/2008
- (21) 1190/2008
- (44) December 2018
- (45) 20/03/2019
- (11) 29206

(51)	Int. Cl. 8 B01D 53/00
(71)	1. AHMED ABDALA MOHAMED ELMASRY (EGYPT) 2.
	3.
(72)	1. AHMED ABDALA MOHAMED ELMASRY
	2. AHMED MAHMOD HASSAN DONIA
	3.
(73)	1.
(1-)	2.
(30)	1.
(00)	2.
	3.
(74)	SMAS Intellectual Property
(12)	Patent

(54) INDUSTRIAL EXHAUST GASES PURIFICATION SYSTEM Patent Period Started From 15/07/2008 and Will end on 14/07/2028

(57) The present invention relates to a purification system for the industrial exhaust gases consisting of a chimney, an exhaust gas collection unit, a water pumping unit, a gas and water transmission and mixing units with multiple bottlenecks, a mixing and vortices formation unit, a collection and precipitation unit, wherein the collection and precipitation unit consists of a processed gas retrieval unit and condensing and precipitation unit, wherein the processed gas retrieval unit includes a porous layer of cloth. Industrial exhaust gases are purified from dust and solids in the purification system by pumping water and air into the exhaust gas path in a certain dynamic manner and under pressure, creating vortices, which causes the solids to completely dissolve in water.



PCT

- (22) 17/06/2010
- (21) 1023/2010
- (44) December 2018
- (45) 20/03/2019
- (11) 29207

(51)	Int. Cl. 8 E02B 13/00
(71)	1. MAHMOD FAWZY MOHAMED HAGAG (EGYPT) 2. 3.
(72)	1. MAHMOD FAWZY MOHAMED HAGAG 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) POINTS OF IRRIGATION UNDER SURFACE (NORMAL – BUBBLE) Patent Period Started From 17/06/2010 and Will end on 16/06/2030

(57) A dotted subsurface emitter (normal, bubbler) in the same, variation discharge. It can deliver the irrigation water in the area of the spread of effective roots. Where riding on the tube caring emitter top soil up to with in soil depth of 15 cm to the area of the spread of effective roots under various pressure and disposal multimate depending on the operating pressure and away to maximize the efficiency of water use and fertilizer in the of the spread of effective roots and reduce the use of herbicides to the soil surface are not subjected to wetting.



PCT

- (22) 24/01/2011
- (21) 0152/2011
- (44) December 2018
- (45) 20/03/2019
- (11) 29208

(51)	Int. Cl. 8 B01D 1/04 & F24J 2/05 & C02F 1/14
(71)	1. NADER KHALIL GHATTAS (EGYPT)
	2. 3.
(72)	1. NADER KHALIL GHATTAS
(72)	2.
	3.
(73)	1.
,	2.
(30)	1,
	2.
	3.
(74)	
(12)	Patent

(54) MOBILE UNIT FOR CONCENTRATED SOLAR DESALINATION Patent Period Started From 24/01/2011 and Will end on 23/01/2031

The proposed patent is concerned with a method and a system composed of a simple compact mobile unit for desalination of salt water using concentrated solar energy as an everlasting abundant source of renewable thermal energy instead of fossil fuel generally used in most of the present desalination plants. The system is composed of a parabolic dish as an efficient technique to concentrate solar energy. Specially designed evaporation/condensation unit composed of an evaporator located in the focus of the dish in direct contact with a condenser in one unit allowing minimum loss of heat energy and efficient collection of water vapor. The condenser is connected to a receiver to collect the desalinated water. The system is designed to use in one and the same compact unite, different known evaporation techniques combined aiming at exceeding the latent heat of evaporation of the salt water to be evaporated. The method uses an efficient technique for evaporation achieved by automatic control of a minimum amount of saline water at the bottom of the evaporator, evaporation at reduced pressure using a solar suction pump and recycling of solar heat energy by using the salt water to be evaporated as a cooling medium to condense the resulting vapor. The system could be multiplied to increase the output if needed and is so designed to allow the use of local raw materials or recycled waste materials to lower the costs of construction.



PCT

- (22) 19/06/2012
- (21) 1138/2012
- (44) December 2018
- (45) 20/03/2019
- (11) 29209

(51)	Int. Cl. 8 C08F 8/00 & G03G 9/087
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	 MAHMOUD AHMED ABD EL-GHAFFAR AHMED TAHER EL-TOHAMY AHMED EL-HABAB 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED
(12)	Patent

(54)	METHOD FOR PREPARATION OF THE POTASSIUM SALT OF
	MONOCETYL ITACONATE AND THE POTASSIUM SALT OF
	MONOCETYL MALEATE AS MONOMERIC SURFACTANTS (SURFMERS)
	FOR APPLICATION IN WATER BORNE PAINTS

Patent Period Started From 19/06/2012 and Will end on 18/06/2032

(57) This patent presents a method for preparation of the potassium salt of each of mono cetyl itaconate and mono cetyl maleate as monomeric surfactants (surfmers) and surface tension reducers. The process is formed via condensation reaction using dean & stark apparatus in presence of water imiscible solvent (e.g. xylene). The first surfmer is produced by the reaction of cetyl alcohol with itaconic anhydride using equimolar ratios to produce mono-cetyl itaconate. The second surfmer is produced also by the reaction of cetyl alcohol with maleic anhydride using equimolar ratios to produce monocetyl maleate. The cetyl itaconate and cetyl maleate products are treated with potassium hydroxide in ethanol to form both the potassium salt of mono cetyl itaconate (mci-k) and the potassium- salt of mono-cetyl maleate (mcm-k) in the order indicated by their chemical composition.

Potassium salt of mono-cetyl itaconate COOK - CH=CH- (CH₂)₁₅ - H₃C Potassium salt of monocetyl maleate



PCT

- (22) 07/05/2013
- (21) 0774/2013
- (44) December 2018
- (45) 20/03/2019
- (11) 29210

(51)	Int. Cl. 8 E01C 23/06
(71)	1. HAMDY ESAM MOHAMED MOKHTAR SOLIMAN (EGYPT) 2. 3.
(72)	1. HAMDY ESAM MOHAMED MOKHTAR SOLIMAN 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	Patent

(54) DEVICE FOR REPAIR DAMAGED SHIPS AT SEA FROM INSIDE AND OUTSIDE THE SHIP

Patent Period Started From 07/05/2013 and Will end on 06/05/2043

(57) The device consists of several parts controlled with central control unite. The outer part works outside to close the hole, the inner part is working on the inside, and several parts help to fill the gap between with concrete. the external part has a framework with four legs ended with electric very strong magnet to stick the installation on the ship's hull, also mounted on the frame two horizontal beams as "bridge" with two moves heads with 4 telescopic hands work independent to close the hole. internal part is similar but lighter, and plugged with the rest of assistance parts.



PCT

- (22) 01/12/2013
- (21) 1839/2013
- (44) December 2018
- (45) 20/03/2019
- (11) 29211

(51)	Int. Cl. 8 E04C 5/166
(71)	1. AL TOHAMI ABO ZIED AL- TUHAMI (EGYPT)
, ,	2.
	3.
(72)	1. AL TOHAMI ABO ZIED AL- TUHAMI
, ,	2.
	3.
(73)	1.
` /	2.
(30)	1,
	2.
	3.
(74)	
(12)	Patent

(54) TRUSS REINFORCEMENT AND THEIR MECHANICAL JOINTS FOR STRUCTURAL CONCRETE UTILIZING

Patent Period Started From 01/12/2013 and Will end on 03/11/2033

(57) Truss reinforcements for the structural concrete members instead of traditional reinforcing bars and stirrups or welded joints truss comprises, straight members whose ends are connected at mechanical reinforcing coupler joints having multiple branches and directions. The straight members" ends may be with or without end preparations like threading. Each joint is formed from one or several portions assembled over the ends of straight members. Several techniques are applicable to tightly close the said mechanical coupler joints over the connected said straight members' ends.



PCT

- (22) 02/10/2014
- (21) | 1583/2014
- (44) December 2018
- (45) 20/03/2019
- (11) 29212

(51)	Int. Cl. 8 A43B 13/14
(71)	1. MAGD AHMED KOTB ABDALLAH (EGYPT) 2.
(72)	3. 1. MAGD AHMED KOTB ABDALLAH
()	2. 3.
(73)	1. 2.
(30)	1.
	2. 3.
(74)	
(12)	Patent

(54) SHOES MOLD, SHOES AND SHOES SOLE FOR HALLUX VALGUS Patent Period Started From 02/10/2014 and Will end on 01/10/2034

Valgus that changes by change of fashion with an esthetic look that functions to protect against hallux valgus deformity. The shoes is tight at metatarsals and allows comfortable room for toes. The medial side of shoes is a straight line running from heal to hallux, given that when shoes is approximated the medial sides co-apt completely. The invented shoes accept any height shoe heal. The invention prevents development of hallux valgus and prevents further calcification and bunion formation, and controls pains resulting from hallux valgus deformity.



PCT

- (22) 23/02/2015
- (21) 0291/2015
- (44) December 2018
- (45) 20/03/2019
- (11) 29213

(51)	Int. Cl. 8 F03B 1/00
(71)	1. SAMY NAGUIB ABDALLA GIRGIS (EGYPT) 2.
(72)	1. SAMY NAGUIB ABDALLA GIRGIS
	2. 3.
(73)	1. 2.
(30)	1. 2.
(74)	3.
(12)	Patent

(54) GENERATING ELECTRICITY AND DESALINATING SEAWATER Patent Period Started From 23/02/2015 and Will end on 22/02/2035

(57) The invention relates to generating electricity and desalinating seawater. Two columns of reinforced concrete are arranged amid of water and a swing is mounted in thereon. An automatic gear is fixed on the axis of the swing and a third gear attached to the gear box, which is in turn attached to an electric generator, is fixed therein. When the swing moves, the above elements also move, thus producing an electric current. The electric current is connected to electric heaters arranged inside a water tank. Water is, thus, converted into steam. Steam turbines are arranged on the steam exit holes, as in conventional methods, thus producing an electric current. Steam is then condensed when it passes through tubes of cold water, thereby resulting in forced heat exchange. This converts steam into water and the cold water is heated. Accordingly, fresh water is delivered to water supply and irrigation systems.



PCT

- (22) 13/10/2016
- (21) 1688/2016
- (44) December 2018
- (45) 20/03/2016
- (11) 29214

(51)	Int. Cl. ⁸ C02F 101/30 & B22F 9/24	
(71)	1. EGYPTIAN PETROLEUM RESEARCH INSTITUTE (EPRI) (EGYPT) 2. 3.	
(72)	 SHERIF ALI YOUNIS SARHAN ESRAA MOHAMED ABDUL-RAHEIM WALEED IBRAHIM MUKHTAR EL-AZAB 	4. YASSER MOHAMMED MAHMOUD MOUSTAFA
(73)	1. 2.	
(30)	1. 2. 3.	
(74)	KHALID ABDUL ZAHIR	
(12)	Patent	

(54) METHOD FOR THE PREPARATION OF ZERO-VALENT METALS NANOPARTICLES OF IRON OR SILVER OR BIMETALLIC IRON AND SILVER USING PHENOLS EXTRACTED FROM INDUSTRIAL WASTEWATER AS REDUCING AGENTS

Patent Period Started From 13/10/2016 and Will end on 12/10/2036

(57) This invention relates to the procedures of recycling and reusing of phenols and chlorophenols contaminated wastewater for synthesis and production of zero-valent nanomaterials assisted by a homemade microwave instrument. The zero-valent metal nanoparticles may be either iron or silver and silver/iron bi-metallic in nature. For example, one or more phenolic pollutants of phenol, monoclorophenol, dichlorophenol, or trichlorophenol was recovered from a wastewater effluent using a low-cost activated charcoal and then pre-concentrated to a concentration of 0.05 - 10 mmol in alcoholic solution to be used as a reductive agents for Fe (II) or Fe (III) and Ag+ ions into metal nanoparticles in the presence of microwave radiation under nitrogen protection. Different analytical techniques including Fourier transform infrared spectroscopy, xray diffraction, high resolution transmission electron microscope, dynamic light scattering, and vibrating sample magnetometer were used for characterization of the fabricated zero-valent products and comparison. The synthesized mono-metallic and bi-metallic Ag/Fe zero-valent nanomaterial were stabilized by a thin-film of the organic pollutants on the metal surface. Preferably, the fabricated zero-valent metallic and bimetallic nanoparticles is used in oxidative degradation of organic contaminants from wastewater and further injected into both water and soil contaminated sites with bacterial microorganism to provide in-situ remediation of environmental systems for zero-waste discharge.



PCT

- (22) 13/12/2016
- (21) 2025/2016
- (44) December 2018
- (45) 20/03/2019
- (11) 29215

(51)	Int. Cl. ⁸
(71)	1. MAHMOUD GALAL YEHIA KAMEL (EGYPT) 2.
	3.
(72)	1. MAHMOUD GALAL YEHIA KAMEL
	2.
	3.
(73)	1.
	2.
(30)	1.
()	2.
	3.
(74)	
(12)	Patent

(54) INNOVATIVE TECHNIQUES TO RESIST AGRICULTURAL PESTS SUCH AS RED PALM WEEVILS, NEMATODES AND APHIDS USING NATURAL COMPOUNDS

Patent Period Started From 13/12/2016 and Will end on 12/12/2026

(57) Innovative techniques using compounds made from effective and safe, natural elements without any detrimental effect on the plants or the environment, to resist red palm weevil that infect palms, aphids that infect banana trees or any other trees, nematodes in soil, and pests which infect shrubs and herbaceous plants. Also, earning immunity and high resistance against viruses and fungi. These pests cannot resist these compounds through genetic mutation and therefore these compounds can be used repeatedly without resistance from pests. The preparation of the constituent elements of these compounds is done separately; each element separate from the others. The compounds to be injected in palms, banana trees or any other trees through the vessels layer which transport nutrient substances in order to transport the compound to the different parts of the plant till reaching plant leaves, and this will lead to depriving the insect from their food which is the pulp or sap, by changing its taste and composition. Also, by changing the odor of the palm, which is the source of attracting weevils to infect the palm. The palm odor will become pungent, repulsive and unattractive to weevils. One of the compounds can be sprayed over herbal plants or shrubs or mixed with soil, this will work on trapping the pests in a medium that cannot afford food for it by changing the taste of their food and make it unpalatable to it and cannot be digested, even if fed by it, it will die and if not, will also die of starvation, and therefore will not grow or propagate.



PCT

- (22) 25/08/2016
- (21) | 1430/2016
- (44) October 2018
- (45) 20/03/2019
- (11) 29216

(51)	Int. Cl. 8 A01N 25/28, 25/12, 25/26, 25/32, 43/80 & A01P 13/02	
(71)	1. KUMIAI CHEMICAL INDUSTRY CO., LTD. (JAPAN) 2. 3.	
(72)	 ARAI Hirokazu NAKAJIMA Yukiko IKEUCHI Toshihiro 	4. SATO Atsushi
(73)	1. 2.	
(30)	1. (JP) 2014-039836 – 28-02-2014 2. (PCT/JP2015/055348) - 25-02-2015 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) AGROCHEMICAL COMPOSITION FOR FOLIAGE TREATMENT Patent Period Started From 25/02/2015 and Will end on 24/02/2035

(57) The purpose of the present invention is to provide an agrochemical composition for foliage treatment, which does not cause chemical damage due to deposition on cultivated crop and is highly safe when carrying out foliage treatment on farmland using pyroxasulfone, and also has a broad herbicidal spectrum. Provided is an agrochemical composition for foliage treatment that includes pyroxasulfone and a concealing substance for concealing the pyroxasulfone, and the agrochemical composition for foliage treatment is characterized in that the concealing substance microencapsulates or covers the pyroxasulfone such that there is no chemical damage due to deposition on cultivated crop during foliage application.



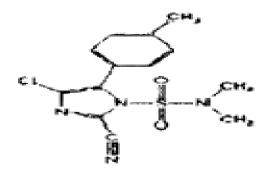
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- (22) 25/08/2015
- (21) 1325/2015
- (44) November 2018
- (45) 20/03/2019
- (11) 29217

(51)	Int. Cl. 8 A01N 43/50, & A01P 3/00
(71)	1. UPL LIMITED (INDIA) 2.
	3.
(72)	1. SHROFF, Jaidev, Rajnikant
	2. SHROFF, Vikram, Rajnikant
	3. SHIRSAT, Rajan, Ramakant
(73)	1.
(-)	2.
(30)	1. (IN) 416/KOL/2013 - 16-04-2013
(00)	2. (PCT/IB2014/058624) - 29-01-2014
	3.
(74)	COMPANY SMAS INTELLECTUAL PROPERTY
(12)	Patent

(54) FUNGICIDAL COMPOSITION Patent Period Started From 29/01/2014 and Will end on 28/01/2034

(57) A composition comprising cyazofamid and an organic base, a process for the preparation of such compositions, methods of use thereof and a multipack container comprising the composition.





PCT

- (22) 22/04/2015
- (21) 0630/2015
- (44) October 2018
- (45) 24/03/2019
- (11) | 29218

(51)	Int. Cl. 8 H04N 21/422, 21/436, 21/4363 & H04L	. 29/08
(71)	1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA)	
	2.	
	3.	
(72)	1. BHAMIDIPATI, PhaniKumar K	4. WANG, Xiaodong
(-)	2. RAVEENDRAN, Vijayalakshmi R	5. JIANG, Hongyu
	3. HUANG, Xiaolong	, 60
(73)	1.	
` '	2.	
(30)	1. (US) 61/719,873 - 29-10-2012	
()	2. (US) 61/729,917 - 26-11-2012	
	3. (US) 31/801,118 - 13-03-2013	
	4. (PCT/US2013/066965) - 25-10-2013	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) METHOD FOR TRANSMITTING MEDIA DATE BETWEEN A COMPUTING DEVICE AND A VEHICLE HEAD UNIT

Patent Period Started From 25/10/2013 and Will end on 24/10/2033

(57) This disclosure describes a method of transmitting media data from a source device, the method comprising establishing, with the source device, a first communication session between the source device and a sink device comprising a vehicle head unit, wherein the first communication session conforms to a communication protocol. The method also comprises discovering, with the source device and by the first communication session, the sink device. The method further comprises, during operation of the first communication session, establishing with the source device a second communication session between the source device and the sink device, wherein the second communication session conforms to a wireless display protocol. The method also comprises transmitting, using the second communication session, media data from the source device to the sink device for output to an interface of the sink device.



PCT

(22) 22/06/2017

(21) 1038/2014

(44) October 2018

(45) 27/03/2019

(11) 29219

(51)	Int. Cl. 8 B29C 49/08, 49/42 & B29B 11/14
(71)	 Integrated Plastics Pty Limited (AUSTRALIA) 3.
(72)	1. BEALE, Glenn Robert 2. 3.
(73)	1. 2.
(30)	1. (AU) 2011905444 - 24-12-2011 2. (PCT/IB2012/002783) - 24-12-2012 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) IN-MOULD HANDLE MOVEMENT MECHANISM Patent Period Started From 22/06/2017 and Will end on 21/06/2037

(57) An in-mould, handle movement mechanism for repositioning a handle of a stretch blow-moulded container from its initial, as injected moulded location on a body of an injection moulded preform, to a desired integrally attached position on said stretch blow-moulded container.



PCT

- (22) 18/02/2016
- (21) 0272/2013
- (44) November 2018
- (45) 31/03/2019
- (11) 29220

(51)	Int. Cl. ⁸ G01B 3/16, 3/26, 3/48
(71)	 VALLOUREC MANNESMANN OIL & GAS FRANCE (FRENC) NIPPON STEEL & SUMITOMO METAL CORPORATION (JAPAN) 3.
(72)	 CROSS, Nigel DURIVAULT, Jerome PEUCHOT, Florian
(73)	1. 2.
(30)	1. (FR) 10/03414 - 20-08-2010 2. (PCT/EP2011/064236) - 18-08-2011 3.
(74)	SAMAS COMPANY /HALA WAHED MOHMED AHMED
(12)	Patent

(54) METHOD AND DEVICE FOR INSPECTING A THREADING OF A TUBULAR FOR THE OIL INDUSTRY

Patent Period Started From 18/08/2011 and Will end on 17/08/2031

(57) The invention concerns a device for inspecting the width of the thread roots of a tubular component for the exploration or working of hydrocarbon wells, comprising two arms each provided with a first and a second end, the first ends being connected together by means of a deformable portion allowing an angular displacement (e) between the second ends, the second ends each carrying a contact element and the inspection device further comprising means for determining the angular displacement (e). The invention also concerns a method for inspecting said threading

Arab Republic of Egypt

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



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN APRIL 2019"

Egyptian Patent Office

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(PATENT No. 29255)	(35)
(PATENT No. 29256)	(36)

(PATENT No. 29257)	 (37)
(PATENT No. 29258)	 (38)

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.

President of Patent Office

Dr. Mona M. Yehia

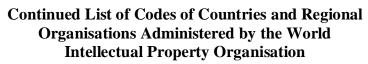
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Bibliographic data	symbol
Patent Number	11
Patent Kind	12
Application Number	21
Filing Date	22
Priority Number	
Priority Date	30
Priority Country	
Issuance Date	45
International Patent Classification	51
Title	54
Abstract	57
Applicant Name	71
Inventor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



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Code	Country
AE	United Arab emairates
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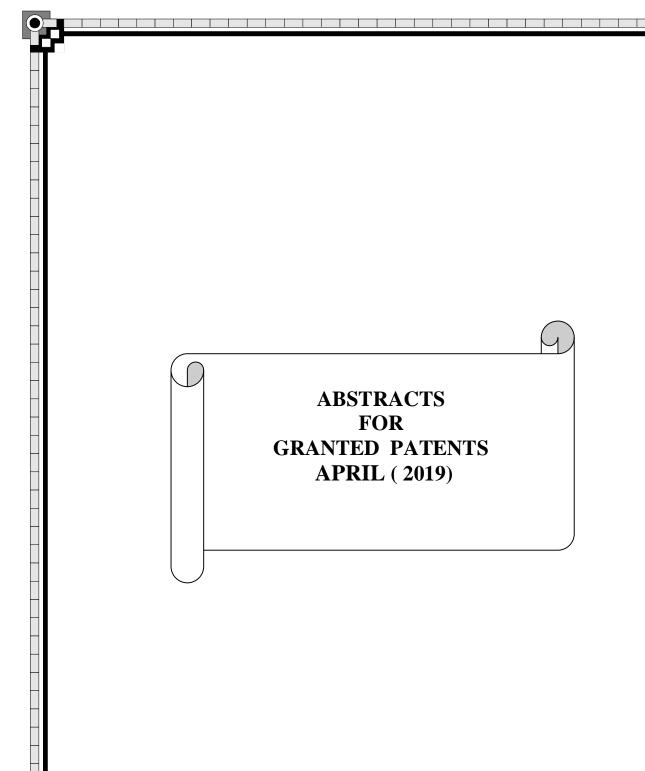
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TN	Tunisia
TR	Turkey
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UG	Uganda
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

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





PCT

- (22) 17/05/2015
- (21) 0762/2015
- (44) October 2018
- (45) 01/04/2019
- (11) 29221

(51)	Int. Cl. ⁸ F24J 2/07	
(71)	 COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3. 	
(72)	 FLEURY, Gatien BREGEARD, Etienne CIGNA, Julien 	4. COUTURIER, Raphaël
(73)	1. 2.	
(30)	1. (FR) 1203115 - 20-11-2012 2. (PCT/FR2013/000295) - 15-11-2013 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) SOLAR RECEIVER FOR FRESNEL CONCENTRATED SOLAR POWER PLANT INCLUDING A FRAME MADE OF AN INSULATING MATERIAL AND METHOD FOR MANUFACTURING SAME

Patent Period Started From 12/11/2013 and Will end on 11/11/2033

(57) The invention relates to a solar receiver for a Fresnel concentrated solar power plant comprising: a solar absorber including at least one device for fluid circulation, intended for having a heat-transfer fluid passing therethrough; a frame made of a first thermally insulating material, structured such as to define a groove for housing the solar absorber, the first thermally insulating material having a modulus of rupture of more than 1 MPa; a system for supporting the solar absorber using the frame; and a protective film covering the entire outer side surface of the frame such as to be arranged between the frame and the solar absorber.



PCT

- (22) 05/06/2016
- (21) 0939/2016
- (44) December 2018
- (45) 07/04/2019
- (11) 29222

(51)	Int. Cl. ⁸ C08K 5/00 , 5/14 & H01B 9/04 , 9/00 , 7/02
(71)	1. Borealis AG (AUSTRIA) 2. 3.
(72)	1. HAGSTRAND, Per-Ola 2. ENGLUND, Villgot 3. SMEDBERG, Annika
(73)	1. 2.
(30)	1. (EP) 13198409.8 - 19-12-2013 2. (PCT/EP2014/067633) - 19-08-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A NEW CROSSLINKED LOW MFR POLYMER COMPOSITION, POWER CABLE INSULATION AND POWER CABLE

Patent Period Started From 19/08/2014 and Will end on 18/08/2034

(57) The present invention relates to a crosslinked polymer composition, which is obtained by crosslinking a polymer composition, which polymer composition has a melt flow rate (MFR) of less than 1.7 and comprises a polyolefm, peroxide and sulphur containing antioxidant, characterised by that the crosslinked polymer composition has an Oxidation Induction Time, determined according to ASTM-D3895, ISO/CD 11357 and EN 728 using a Differential Scanning Calorimeter (DSC), which Oxidation Induction Time corresponds to Z minutes, and comprises an amount of peroxide by-products which corresponds to W ppm determined according to BTM2222 using HPLC, wherein Z1? Z? Z2, W1? W? W2 and W? p - 270 * Z, wherein Z1 is 0, Z2 is 60, W1 is 0 and W2 is 9500, and p is 18500; and use thereof, a power cable insulation and a power cable, useful in high voltage (HV) and extra high voltage (EHV) cable applications direct current (DC) applications.



PCT

- (22) 12/09/2011
- (21) 1508/2011
- (44) December 2018
- (45) 08/04/2019
- (11) 29223

(51)	Int. Cl. 8 A16K 31/519, A61P 29/00, C07D 495/	04
(71)	1. GLENMARK PHARMACEUTICALS, S.A. (Switzerland) 2. 3.	
(72)	 MUKHOPADHYAY, Indranil KHAIRATKAR-JOSHI, Neelima WAGHMARE, Nayan, Taterao 	4. THOMAS, Abraham 5. KUMAR, Sukeerthi 6. MARGAL, Sanjay
(73)	1. 2.	
(30)	1. (PCT/ IB2010/000930) - 23-03-2010 2. 3.	
(74)	OSAMAH MOHMED MOHMED ESMAEEL	
(12)	Patent	

(54) THIENOPYRIMIDINEDIONE DERIVATIVES AS TRPA1 MODULATORS FOR PAIN TREATMENT Patent Period Started From 23/03/2010 and Will end on 22/03/2030

(57) The present invention is related to novel thienopyrimidinedione derivatives as TRPA (Transient Receptor Potential subfamily A) modulators for pain treatment. In particular, compounds described herein are useful for treating or preventing diseases, conditions and/or disorders modulated by TRPAI (Transient Receptor Potential subfamily A, member 1). Also provided herein are processes for preparing compounds described herein, intermediates used in their synthesis, pharmaceutical compositions thereof, and methods for treating or preventing diseases, conditions and/or disorders modulated by TRPAI.



PCT

- (22) 01/08/2016
- (21) 1264/2016
- (44) December 2018
- (45) 08/04/2019
- (11) 29224

(51)	Int. Cl. 8 B41M 5/26 & G09F 3/00 & C03C 23/00
(71)	1. SAINT-GOBAIN GLASS (FRANCE) 2. 3.
(72)	 MIMOUN, Emmanuel DUBOST, Brice 3.
(73)	1. 2.
(30)	1. (FR) 1451028 - 11-02-2014 2. (PCT/FR2014/053480) - 19-12-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) GLASS SHEET WITH IDENTIFICATION CODE Patent Period Started From 19/12/2014 and Will end on 185/12/2034

(57) The invention relates to a glass sheet comprising a symbol marked inside the glass, said symbol forming a code. The symbol is marked in at least two dimensions including the thickness of the glass sheet, parts of the symbol being marked at different depths in the thickness of the glass sheet.



PCT

- (22) 06/05/2015
- (21) 0698/2015
- (44) October 2018
- (45) 08/04/2019
- (11) 29225

(51)	Int. Cl. 8 H04L 5/00
(71)	 QUALCOMM INCORPORATED (UNITED STATES OF AMERICA) 3.
(72)	 DAMNJANOVIC, Jelena WEI, Yongbin GAAL, Peter
(73)	1. 2.
(30)	1. (US) 61/725,399 - 12-11-2012 2. (US) 61/725,368 - 12-11-2012 3. (US) 14/076,907 - 11-11-2013 4. (PCT/US2013/069608) - 11-11-2013
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) TRANSMISSION OF UPLINK CONTROL CHANNELS TO MULTIPLE NODES Patent Period Started From 11/11/2013 and Will end on 10/11/2033

(57) Uplink control channel management is disclosed in which a user equipment, UE, receives a configuration for multiple uplink control channels for transmission to multiple nodes (Node A, Node B) in multiflow communication with the UE. The UE generates the uplink control channels (PUCCHI, PUCCH2) based on the configuration, wherein each of the uplink control channels is generated for a corresponding one of the nodes. The UE then transmits each of the uplink control channels (PUCCH1, PUCCH2) to the corresponding node (Node A, Node B). For UEs capable of multiple uplink transmissions, in which the UE communicates with at least one of the nodes over multiple component carriers, the configuration may designate the component carrier for the transmission of the uplink control channel for that node. For UEs capable of only single uplink transmissions, the configuration may designate the transmission of the uplink control channels in either frequency division multiplex, FDM, or time division multiplex, TDM, schemes.



PCT

(22) 07/05/2015

(21) 0705/2015

(44) October 2018

(45) 08/04/2015

(11) 29226

(51)	Int. Cl. 8 H04W 36/00	
(71)	1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA) 2. 3.	
(72)	 MOHAN, Siddharth KAPOOR, Rohit SUN, Haitong 	4. SAMBHWANI, Sharad Deepak
(73)	1. 2.	
(30)	1. (US) 61/725,358 - 12-11-2012 2. (US) 14/060,350 - 22-10-2013 3. (PCT/US2013/066437) - 23-10-2013	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) APPARATUS AND METHODS OF ENHANCED MOBILITY MANAGEMENT Patent Period Started From 23/10/2013 and Will end on 22/10/2033

(57) Apparatus and methods of mobility management include identifying a target cell as an active set candidate. The apparatus and methods further include determining that a trigger adjustment condition exists, wherein the trigger adjustment condition triggers an adjustment of a timing value that indicates a sending time of a target cell add message to a serving cell. Moreover, the apparatus and methods include sending the target cell add message including the target cell to the serving cell based on determining that the trigger adjustment condition exists.



PCT

- (22) 24/05/2015
- (21) 0809/2015
- (44) October 2018
- (45) 08/04/2015
- (11) 29227

(51)	Int. Cl. 8 H04N 5/232, 5/262	
(71)	1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA) 2. 3.	
(72)	 XU, Wentao QIU, Gang ZHOU, Xiaoming 	4. QURASHI, Farrukh 5. ZHANG,XIAOPENG
(73)	1. 2.	
(30)	1. (US) 13/686,466 - 27-11-2012 2. (PCT/US2013/069860) - 13-11-2013 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) SYSTEM AND METHOD FOR ADJUSTING ORIENTATION OF CAPTURED VIDEO

Patent Period Started From 13/11/2013 and Will end on 12/11/2033

(57) Described herein is a system and method for adjusting the orientation of captured video utilizing the data received from a built-in inertial measurement unit such as an accelerometer. During video capture, the device may be held in a position that is not fully vertical or horizontal, and thus not match the true orientation of a scene. This can cause the captured video to appear rotated during playback at the same angle of rotation as the video capture device. The described system can adjust the playback orientation of the rotated video by utilizing sensor data captured during the same time as the video was captured.



PCT

(22) 10/09/2015

(21) 1459/2015

(44) October 2018

(45) 09/04/2019

(11) 29228

(51)	Int. Cl. 8 C07D 401/04	
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.	
(72)	 ECKELBARGER, Joseph, D. EPP, Jeffrey, B. FISCHER, Lindsey, G. LOWE, Christian, T. PETKUS, Jeff 	6. ROTH, Joshua7. SATCHIVI, Norbert, M8. SIDDALL, Thomas, L.;9. SCHMITZER, Paul, Richard;
(73)	1. 2.	
(30)	1. (US) 790,391 / 61 - 15-03-2013 2. (PCT/US2014/024749) - 12-03-2014 3.	
(74)	ABD EL HADY INTELLECTUAL PROPERTY OFFICE	
(12)	Patent	

(54) 4-AMINO-6-(HETEROCYCLIC) PICOLINATES AND 6-AMINO-2-(HETEROCYCLIC) PYRIMIDINE-4-CARBOXYLATES FOR CONTROLLING THE UNDESIRED VEGETATION

Patent Period Started From 12/03/2014 and Will end on 11/03/2034

(57) Novel 4-amino-6-(heterocyclic) picolinic acids and their derivatives and 6-amino-2-(heterocyclic) pyrimidine-4-carboxylates of formula (l) and their derivatives are useful to control undesirable vegetation. The occurrence of undesirable vegetation, e.g., weeds, is a constant problem facing famers in crops, pasture, and other settings. Weeds compete with crops and negatively impact crop yield. The use of chemical herbicides is an important tool in controlling undesirable vegetation.

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PCT

- (22) 10/02/2011
- (21) 0235/2011
- (44) October 2018
- (45) 09/04/2019
- (11) 29229

(51)	Int. Cl. 8 H01Q 7/06, 1/22 & G06K 19/077
(71)	1. SMK_LOGOMOTIONCORPORATION (JAPAN) 2.
	3.
(72)	1. FLOREK, Miroslav
	2. MASARYK, Michal
	3.
(73)	1.
	2.
(30)	1. (SL)00058 - 2008 PP - 29-08-2008
, ,	2. (SL)50014 2009 12 - 12-03-2009
	3. (PCT/IB2009/053513) - 10-08-2009
(74)	HODA AHMEDABDEL HADY
(12)	Patent

(54) REMOVABLE CARD FOR A CONTACTLESS COMMUNICATION, AND THE METHOD OF PRODUCTION Patent Period Started From 10/08/2009 and Will end on 09/08/2029

(57) Removable card for a contactless communication contains an antenna formed of threads placed on the external surface of the body of the card and covered by a layer of a ferromagnetic material. In advantageous adjustment the antenna contains on one area of the card eight threads and both areas of the card are covered by a layer of a ferritic foil. The antenna is connected to the series with element with capacity and the resistance on the other side. Resonant circuit is tuned in for the final frequency from 13.0 to 15.0 MHz. The signal from the antenna is read between the first and the second thread from the side of the element with capacity. The production method for the antenna on the body of the removable card resides in the fact that a groove of the conductive path shape is dredged on the surface of the card's body, the groove is filled with a conductive material and a ferromagnetic material layer is applied on the surface of the area covering the antenna.



PCT

- (22) 01/07/2009
- (21) 1021/2009
- (44) November 2018
- (45) 09/04/2019
- (11) 29230

(51)	Int. Cl. 8 C03C 17/09, 17/245, 17/36, 23/00		
, ,			
(71)	1. SAINT-GOBAIN GLASS FRANCE (FF	RANCE)	
(71)	2.	direct)	
	3.		
(72)	1. BILLERT, Ulrich	4. NADAUD, Nicolas	
` ´	2. GY, Ren		
	3. KHARCHENKO, Andriy		
(73)	1.		
(10)	2.		
(30)	1. (FR) 0752550 - 05-01-2007		
(50)	2. (PCT/FR2008/050009) - 04-01-2008		
	3.		
(74)	ABD ELHADI OFFICE		
(12)	Patent		

(54) METHOD FOR DEPOSITING A THIN LAYER AND PRODUCT THUS OBTAINED-PROCEDE DE DEPOT DE COUCHE MINCE ET PRODUIT OBTENU

Patent Period Started From 04/01/2008 and Will end on 03/01/2028

(57) The invention relates to a method for processing at least one continuous thin layer deposited on the first surface of a substrate, characterised in that said at least one thin layer is heated at a temperature of at least 300°C while maintaining a temperature lower than or equal to 150°C at the surface of said substrate opposite said first surface in order to increase the crystallisation rate of said thin layer while maintaining it continuous and without any fusion step of said thin layer.



PCT

- (22) 09/11/2010
- (21) 1898/2010
- (44) November 2018
- (45) 09/04/2019
- (11) 29231

(51)	Int. Cl. 8 C03C 17/34, 17/36
(71)	1. SAINT-GOBAIN GLASS FRANCE (FRENC) 2.
	3.
(72)	 MAUVERNAY, Bruno BELLIOT, Sylvain RONDEAU, Vronique
(73)	1. 2.
(30)	1. (FR) 0853222 - 19-05-2008 2. (PCT/FR2009/050881) - 13-05-2009 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) GLAZING PROVIDED WITH A STACK OF THIN LAYERS Patent Period Started From 13/05/2009 and Will end on 12/05/2029

(57) The invention relates to a transparent substrate with a glass function having a stack of thin layers controlling solar radiation. According to the invention, the stack comprises at least two functional absorbing layers, each one flanked by two transparent layers containing a dielectric material. The functional layers are preferably made of a metal belonging to the niobium, tantalum, molybdenite, or zirconium group, and the metal of at least one of the functional layers may partially or completely be nitride. The invention particularly applies to the building and automobile fields.



PCT

- (22) 06/09/2016
- (21) | 1491/2016
- (44) November 2018
- (45) 10/04/2019
- (11) 29232

(51)	Int. Cl. 8 A23N 1/00
(71)	1. ZUMMO INNOVACIONES MECANICAS, S.A (SPAIN) 2. 3.
(72)	1. CONTELL ALBERT, Eugenio 2. MARTINEZ ROCA, Jorge 3.
(73)	1. 2.
(30)	1. (SA) P201430311 - 06-03-2014 2. (PCT/ES2015/070158) - 05-03-2015 3.
(74)	SMAS
(12)	Patent

(54)	FRUIT-PRESSING MACHINE
	Patent Period Started From 05/03/2015 and Will end on 04/03/2035

(57) The invention relates to a fruit-pressing machine with an automatic fruit feeder and cutting and pressing means that have rotary assemblies of three cups for receiving fruit and a cutting assembly comprising a blade and means for extracting the peel after the pressing, and pressing balls below the assemblies of cups. The machine also comprises a tray for collecting the juice, with a stationary filter, and means for collecting the peel. The assemblies of cups rotate towards the inside of the machine, the machine comprising motor means which synchronise the continuous movement of the feeder with the movement of the cutting and pressing means.



PCT

- (22) 04/01/2010
- (21) 0022/2010
- (44) January 2019
- (45) 10/04/2019
- (11) 29233

(51)	Int. Cl. 8 B02C 13/28 & A23K 3/00
(71)	1. PROF.DR / ABD ALLAH MOSAAD ZEINELDIN (EGYPT)
	2. ALEXANDRIA UNIVERSITY (EGYPT)
	3.
(72)	1. MOHAMED AHMED IBRAHIM
	2. MOHAMED MAHMOUD DEEF
	3. PROF.DR / ABD ALLAH MOSAAD ZEINELDIN
(73)	1.
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(30)	1.
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(74)	FOCAL POINT ALEX. UNIVERSTY
(12)	Patent

(54) A MOBILE UNIT FOR FARM-MADE FEEDS USING AGRICULTURAL CROP WASTES POWERED WITH THE COMMON TRACTOR P.T.O

Patent Period Started From 04/01/2010 and Will end on 03/01/2030

- (57) This invention is focusing on designing and manufacturing of a complete _ multy purpose and portable unit made feeds using unconventional resources a mobile unit in nature is capable of processing feed the basic components of the unit were :
 - * chopper unit for cutting agricultural wastes especially rice straw.
 - * hammer mill unit for milling seeds and fibers.
 - * mixing unit, it is a little bit complicated to make the unit semi continous.
 - * pressing unit, including the pelleting unit in the complete unit.
 - * Trailer, which includes gearboxes and power transmutation system for all moving parts.



PCT

- (22) 03/09/2012
- (21) 1490/2012
- (44) **January 2019**
- (45) 10/04/2019
- (11) 29234

(51)	Int. Cl. 8 A62C 3/06
(71)	1. BASSAM AHMED AHMED BADWY ZAYED (EGYPT) 2. 3.
(72)	1. BASSAM AHMED AHMED BADWY ZAYED 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) A SYSTEM FOR FIGHTING PETROL TANKS Patent Period Started From 03/09/2012 and Will end on 02/09/2032

(57) This invention is about a system for fighting petrol tanks it is a oil tank with floating surface fire contractor includes double walls and refrigerated with filtered water with laminar flow and dispensers for fire extinguishers with articulated doors works by pressing. The system saves time, efferot, money and the required water for the fire and save the human and financial damages. It is produced by the manufacturing companies of the fire equipments.



PCT

- (22) 17/04/2013
- (21) 0645/2013
- (44) January 2019
- (45) 10/04/2019
- (11) 29235

(51)	Int. Cl. 8 B01J 19/18, 3/04 & C09J 5/04, 101/10
(71)	1. PETROCHEMICAL RESEARCHER INSTIUTE (EGYPT)
	2. 3.
(72)	1. MOHSEN SHEHATA MOSTAFA MOHAMED
	2. 3.
(73)	1.
(30)	2. 1.
(50)	2.
(74)	3. TAMER HAMED ABD EL-SAMIA
(74)	Patent
(12)	1 ach

(54) A UNIT FOR CLOSING THE CHEMICAL REACTIONS AUTOCLAVE OF DUAL APPLICATION BASED ON A NEW RECYCLABLE ADHESIVE MATERIAL Patent Period Started From 17/04/2013 and Will end on 16/04/2033

The current invention is related to a unit for closing the chemical reactions autoclave of dual application based on a new recyclable adhesive material in which, the closing system depends on the specific mechanical formation of the autoclave two parts, the upper (cover) and lower (reaction room) that involves obtaining an evacuated area between the two parts in presence of an adhesive materials in between the two parts. The self closing of the autoclave two parts can be occurred by the gas supplied to the autoclave by the gas cylinders or by the produced gas from the reaction through a hydraulic system or gas chamber above the cover (upper part). The over pressure control is designed as aside hydraulic valve connected to the reaction room, the system works with the same supplied gas into the autoclave, where the valve (plunger) is displaced to out allowing ventilation at the maximum pressure and self closed after ventilation.



PCT

- (22) 08/07/2014
- (21) 1131/2014
- (44) January 2019
- (45) 10/04/2019
- (11) 29236

(51)	Int. Cl. 8 H01T 23/00 & G01N 21/85
(71)	1. SALAH ELDIN MOHAMED SALEH ELSAKET(EGYPT)
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	3.
(72)	1. SALAH ELDIN MOHAMED SALEH ELSAKET
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(74)	Focal point ALEX UNIVERCITY
(12)	Patent

(54) A NEW METHOD TO LIFT FORCE AND OR A THRUST FORCE THROUGH IONIZATION OF AIR

Patent Period Started From 08/07/2014 and Will end on 07/07/2034

(57) This method depends on ionizing air on the upper surface of a plate or a disc made of a material which does not absorb electrons using an electron gun or any other means of ionization either in a closed enclosure or in the open air. Air molecules, on the upper surface of a plate or a disc, capture electrons emitted from the electron gun thus turning into negative ions which are attracted by a positively charged electrode, thus evacuating air from the upper surface of the plate or the disc which will produce a lower pressure on that surface while the pressure on the lower surface of the plate or the disc remains the same. This will cause the pressure on the lower surface of the plate or the disc to be higher than that on the upper surface thus creating a lift force in the up direction if the plate or the disc is in a horizontal position, while if it is in a vertical position the resulting force will be a thrust force.



PCT

- (22) 31/08/2014
- (21) 1380/2014
- (44) January 2019
- (45) 10/04/2019
- (11) 29237

(51)	Int. Cl. 8 C04B 14/30, 14/36& C09D 5/08, 5/03
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	 NOURELHODA ABBAS MOHAMMED IBRAHIM ABDELWAHAB MAHMOUD AHMED ABD EL-GHAFFAR MOHAMED AHMED MOHAMED SANAD
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED
(12)	Patent

(54) METHOD FOR PREPARATION HIGHLY EFFICIENT CORROSION RESISTANT ELECTROSTATIC PAINTS BASED ON SOME ELECTRIC CONDUCTING POLYMERS AND THEIR COMPOSITES WITH SOME PIGMENTS

Patent Period Started From 31/08/2014 and Will end on 30/08/2034

This patent includes a method to prepare highly efficient anticorrosive powder coatings based (57)on electric conducting polymers and their composites with some pigments and fillers, this was achieved by the polymerization of aniline monomer and some of its derivatives each alone e.g. (o-aminophenl, p-aminophenl, m-aminophenol, anisidine, toluidine...etc.) individually in the presence of some phosphate pigments (mainly zinc phosphate, or calcium phosphate, or calcium - zinc phosphate) to produce polymer /pigment composites. This is carried out by the polymerization of o-aminophenol dissolved in ethyl alcohol via chemical oxidation using ammonium persulphate dissolved in water as an initiator with molar ratio of 1/10 of aminophenol molar concentration which is added through 1-2 hr at 5-20°c in presence of 30g of ca phosphate, zn phosphate, ca-zn phosphate pigments each alone. The polymerization is continued for six hr with continuous stirring (using mechanical or magnetic stirrers) followed by filtration and washing several times with distilled water and ethanol and drying the precipitate in an electric oven at 50-60°c for 12 hr. After that, the powder coating formulations are prepared by mixing a small dose of modified composites ranging (1-5%) from the total ratio of the electrostatic powder coatings formulations based on (polyester resin or epoxy polyester each alone) and applied for coating cold rolled steel panels. The coated steel panels are evaluated for corrosion resistance performance compared with coated panels free from modified composites (blank) by subjecting to salt spray for 1000 hours (at 35°c and humidity 50-80%, nacl solution 35g/l) the steel panels coated with powder coating formulations containing small doses of the conducting polymer/ phosphate composites achieved high performance anti-corrosive properties for the coated steel panels after 1000 hours. In addition, these coatings are safe, environmentally acceptable and economically feasible.



PCT

- (22) 19/10/2014
- (21) 1661/2014
- (44) January 2019
- (45) 10/04/2019
- (11) 29238

(51)	Int. Cl. 8 B60Q 1/26
(71)	1. MOHAMED METWALEY KHALIFA SALEH (EGYPT)
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(72)	1. MOHAMED METWALEY KHALIFA SALEH
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(73)	1.
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(74)	
(12)	Patent

(54) A POWERFUL LIGHTING DEVICE FOR VEHICLES USING LIGHT TUBES AND NANOTECHNOLOGY Patent Period Started From 19/10/2014 and Will end on 18/10/2034

(57) A device that provides powerful lighting for all types of vehicles by using lights-tubes, it is composed of: a light fixture(projector) over the motor directly a light fixture within two channels down the vehicle from the bottom or a double rack below the vehicle light distributor installed directly in front of the powerful lighting lamps to control the distribution of light on the sides tubes within it a nanotechnology-treated lighting element, to support and increase the power of lighting light sensors mounted at the driver's view level and above the light exit slot at the front, with mobile communications system between the light sensors to control the operation of a small motor that adjusts the angle and direction of the projector light so as to prevent confusion of vision.



PCT

- (22) 15/12/2015
- (21) 1979/2015
- (44) January 2018
- (45) 10/04/2019
- (11) 29239

(51)	Int. Cl. 8 B01D 39/14, & C05F 9/04
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	1. ELHAM FAROUK ABDELAZIZ MOHAMED 4. NASSER MOHAMED ABDEL-LATIF 2. SOHAIR ABDEL AZIZ SAYED 3. ALIA ABDEL SHAKOUR
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED
(12)	Patent

(54) AIR PURIFIER USING ACTIVATED CARBON PREPARED FROM WATER HYACINTHS

Patent Period Started From 15/12/2015 and Will end on 14/12/2035

The present invention relates to the air purifier using a new activated carbon prepared from water hyacinths as raw material through modified chemical activation. Thus, this water plant, which is considered a concern for the environment, has been used to produce a useful product for the preservation of human health and the environment. the current invention is related to equipment for the treatment of air pollution, in particular indoor air pollution areas, such as schools, hospitals and the like, this device consists of four main units: 1-air insertion unit; 2-external structure unit; 3-air filtering unit and 4air distribution processor unit. the theory of operation of this device is based on the idea of the flow of air from the polluted air spread in the room to be treated on air filter material made of activated carbon and here is the process of removing pollutants from the air stream through the process of adsorption and adsorption of both odors and volatile organic compounds and air polluted gases in the activated carbon pores, where the activated carbon granules are distributing in a housing sac of synthetic fiber without any adhesive. These lead to an increase in the exposed activated carbon surface area to the air stream and provide a good air flow pathways with low resistance here, the importance of the device is to provide an economically feasible air purifier system consisting of a filter of low-cost activated carbon in manufacturing and has a high efficiency to remove internal air pollutants up to more than 70% of odors, volatile organic compounds and other indoor air contaminants at ambient temperature with saving the energy consuming and has a large surface area of about 2200 m² .g-1 . And provides a pathway for air to flow with low resistance.



PCT

- (22) 13/01/2016
- (21) 0060/2016
- (44) January 2019
- (45) 10/04/2019
- (11) 29240

(51)	Int. Cl. 8 F03B 7/00
(71)	1. ADEL MOHAMED FAROUK AHMED ELTAHAN (EGYPT)
	2. 3.
(72)	1. ADEL MOHAMED FAROUK AHMED ELTAHAN
	2. 3.
(73)	1.
(30)	2. 1.
(30)	2.
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(74)	
(12)	Patent

(54) DEVICE FOR AUTOMATIC WATER FLOW SYSTEM OF DRIPPING WATERERS TO PROVIDE WATER& VACCINES FOR POULTRY FARMS TO ORNAMENTAL BIRDS& AMATEURS

Patent Period Started From 13/01/2016 and Will end on 12/01/2036

(57) THIS INVINTION IS RELATED TO Creating the electric power generation and produce water from sea and catching the fish The idea is taking water from sea and throw it to air compression rooms which go to industry low > level of it is 20 : 50 m which located upper group of turbines produce electric energy as we need for that then throw it to the second stage and this is a circular rooms to heat the water with sun power and wind power which perduded from Air compressing rooms and then salt production And pump the water with pipe to upper the electric tower to save a huge of water which high is 50 : 100 m and her length and width is from 1 Km to 2 Km such as we need so the water will down with a water pipe under of then a turbines which produce more than a katara low then go to the lake and then used it to drinking and human usage



PCT

- (22) 31/01/2016
- (21) 0154/2016
- (44) January 2019
- (45) 10/04/2019
- (11) 29241

(51)	Int. Cl. 8 A01N 25/00, 37/00, 63/00
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)
	2. 3.
(72)	1. WAFAA MOHAMED EL SAID HAGGAG
	2. HUSSEIN FAWZY ABOUZIENA
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(73)	1.
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(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED
(12)	Patent

(54) FUNGICIDE PRODUCTION FROM WATER HYACINTH TO COMBAT THE PLANT LEAF SPOTS DISEASE

Patent Period Started From 31/01/2016 and Will end on 30/01/2036

(57) Required demand protection of biofungicide from extract of water hyacinth (Eichhornia crassipes) that is one of the worst aquatic macrophyte and aquatic weeds in the world, and Egypt. It was produced from leave extract with alcohol where the content of a few heavy metal concentrations and nutrient content is high, for example, ammonia, nitrate, nitrite, phosphate. Also it has a high level of peroxide and regulations enzyme antioxidant level has been the presence of certain compounds, phenols, protein, and alkaloids, amino acids and carbohydrates, flavonoids, which showed the activities of anti-bacterial pathogens Escherichia coli, Bacillus subtilis, Bacillus cereus, Lactobacillus casei and Pseudomonas aeruginosa and anti-pathogenic fungi Aspergillus flavus, A. niger, Alternaria alternata, Colletotrichum gloeosporioides, Candida albicans, and Fusarium solani. Extract reduced the production of mycotoxins, such as B1 aflatoxin and ochratoxin A. The leaves extracts of E. crassipes used as biofungicides against blight and leaf spots diseases of wheat and onion and led to increase of growth and can thus be used to industry and the protection of water from water hyacinth.



PCT

- (22) 15/02/2016
- (21) 0233/2016
- (44) January 2019
- (45) 10/04/2019
- (11) 29242

(51)	Int. Cl. 8 G01M 3/26
(71)	 NATIONAL RESEARCH CENTER (EGYPT) 3.
(72)	1. MEDHAT AHMED ABDEL KHALEK IBRAHIM 2. MOHAMED MAHMOUD EL-OKR 3. MOHAMED MORSY ABDEL-MOATY
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED
(12)	Patent

DEVICE FOR TESTING EFFICIENCY OF VOLATILE GAS SENSORS

Patent Period Started From 15/02/2016 and Will end on 14/02/2036

(57) The present invention deals with device for testing gas sensors for gases and volatile organic compounds. The device consists of test cylinder made of pyrex whereas the sensor will be inside it. The sensor is close to heater, the cylinder is connected with two inlet for test gas and carrier gas, and also there are valves for gas inlet and/or outlet. The sensor in the cylinder is connected with ohmmeter and computer for recording the results. The device is proved to be sensitive for testing sensor for gases and organic volatile compounds, also the concentration of the gas is precisely determined.



PCT

- (22) 03/04/2016
- (21) 0572/2016
- (44) January 2019
- (45) 10/04/2019
- (11) 29243

(51)	Int. Cl. 8 D63B 27/30
(71)	1. MOHAMED ELTAHER TAWFIK (EGYPT)
(71)	
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(72)	1. MOHAMED ELTAHER TAWFIK
()	2.
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(73)	1.
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(50)	2.
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(74)	
(12)	Patent
(12)	

(54)	RESCUE CAGE FLOATING
	Patent Period Started From 03/04/2016 and Will end on 02/04/2036

(cylindrical or cubic rectangles or parallel). This cage floats by steel empty and sealed cans around the cage from the outside. This envelope inside the cage wire Grid stainless steel or coated sheets of perforated steel, with a weight of suitable parts of the cage so that the cage with water remains upright, the cage from the inside by hooks plastic solid at the upper edge. Providing the cage from the outside with four hooks Guy plastic solid placed in equal proportions if the cage "Cylindrical" If either cubic cage or a parallelogram, is placed on each Gap hook, and then flatten the cages to each other if there was more than a cage floating and even floating cages remain one block for easy to find and easy to drag (pull) the cages by any ship. Important note: You must rescue cage floating weight appropriately so as not to be a burden on ships or floating facilities.



PCT

- (22) 15/08/2016
- (21) | 1357/2016
- (44) January 2019
- (45) 10/04/2019
- (11) 29244

(51)	Int. Cl. 8 B01B 17/02 & B01D 39/14 & F17C 1/06
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	 PROF DR GAMAL ABU-ELGHAT KHATER BASSEM SAYED NABAWY MOKHTAR ABDELMOEIM MAHMOUD ABDULLAH
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED
(12)	Patent

(54) HIGH PERFORMANCE BASALTIC GLASS IN ABSORBANCE AND EMISSION OF THERMAL ENERGY Patent Period Started From 12/08/2016 and Will end on 11/08/2036

(57) This patent aims at preparing products of basaltic rocks known as glass basalt used in solar energy applications such as solar heater, solar cooker and solar dryer. The patent is based on the preparation of mixtures of basaltic rocks with some additions of natural raw materials in certain proportions. These mixtures are melted in melting furnaces at temperatures ranging from 1350 to 1450 °C, molding them into molds according to the required forms and then transferring them directly to annealing furnaces at a temperature ranging from 500 to 700 °C to prevent thermal shock. The thermal properties of the resulting basaltic glass were studied by assigning thermal absorption, thermal reflection and thermal emission at different temperatures. The results showed that the thermal absorption coefficient ranged from 60-99% and the thermal emission coefficient ranged from 0.86% to 0.99% based on the test results, we can conclude that basaltic glass can be used in solar energy applications.



PCT

- (22) 02/11/2014
- (21) 1749/2014
- (44) December 2018
- (45) 14/04/2019
- (11) 29245

(51)	Int. Cl. 8 B01D 53/50, 53/96
(71)	1. MECS, INC. (UNITED STATES OF AMERICA)
	2. 3.
(72)	1. VERA-CASTANEDA, Ernesto
(1-)	2.
	3.
(73)	1.
	2.
(30)	1. (US) 61/641,833 - 02-05-2012
` ′	2. (PCT/US2013/039293) - 02-05-2013
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) REGENERATIVE RECOVERY OF CONTAMINANTS FROM EFFLUENT GASES

Patent Period Started From 02/11/2014 and Will end on 01/11/2034

(57) This invention relates to processes for the selective removal of contaminants from effluent gases. More particularly, various embodiments of the present invention relate to selective removal and recovery of sulfur dioxide from effluent gases in a regenerative sulfur dioxide absorption/desorption process that achieves favorable energy efficiency. Energy is recovered from a wet stripper overhead gas stream produced in the desorption cycle by indirect transfer of heat from the stripper gas to a cooling medium and used to generate steam for use in stripping contaminants from the absorption liquor. The absorption zone may optionally be cooled to enhance the capacity of the absorption medium for absorption of a contaminant gas, thereby lowering the volume of absorption medium and contaminant-enriched absorption/desorption cycle.



PCT

- (22) 21/02/2016
- (21) 0257/2016
- (44) December 2018
- (45) 14/04/2019
- (11) 29246

(51)	Int. Cl. 8 F22B 1/18, 37/26, 21/02
(51)	Int. Cl. ⁸ F22B 1/18, 37/26, 21/02
(71)	1. CASALE SA (Switzerland)
	2.
	3.
(72)	1. FILIPPI, Ermanno
(-)	2. REDAELLI, Luca
	3.
(73)	1.
(-)	2.
(30)	1. (EP) 13182293.4 - 29-08-2013
(00)	2. (PCT/EP2014/067023) - 07-08-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A SHELL-AND-TUBE APPARATUS FOR HEAT RECOVERY FROM A HOT PROCESS STREAM

Patent Period Started From 21/02/2016 and Will end on 20/02/2036

(57) A shell-and-tube apparatus, suitable for use as a waste heat boiler, comprising a vessel with an exchanging section and a separating section, wherein: said exchanging section contains a bundle of U-tubes fed with an evaporable liquid medium such as water (W) and exposed to a hot gas (G) flowing in a hot chamber around said tubes, so that said medium is partially evaporated in the tubes while recovering heat from hot gas flowing in the hot chamber; said separating section comprises a collection chamber in communication with outlet of the tubes to receive the partially evaporated medium leaving the tubes; said separating section is arranged to provide separation of vapour fraction and liquid fraction from the partially evaporated medium at least partially by gravity; the apparatus also comprises means for controlling the liquid level in the collection chamber and for a partial recycle of the non-evaporated liquid.



PCT

- (22) 05/10/2015
- (21) 1620/2015
- (44) December 2018
- (45) 14/04/2019
- (11) 29247

(51)	Int. Cl. 8 F25J 1/00, 1/02
(71)	 AIR PRODUCTS AND CHEMICALS, INC (UNITED STATES OF AMERICA) 3.
(72)	 BRYAN K.JOHNSTON GOWRI KRISHNAMURTHY MARK JULIAN ROBERTS
(73)	1. 2.
(30)	1. (US) 14/511774 - 10-10-2014 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) REFRIGERANT RECOVERY IN NATURAL GAS LIQUEFACTION PROCESSES Patent Period Started From 05/10/2015 and Will end on 04/10/2035

(57) Described herein is a method of removing refrigerant from a natural gas liquefaction system in which vaporized mixed refrigerant is withdrawn from the closed-loop refrigeration circuit and introduced into a distillation column so as to be separated into an overhead vapor enriched in methane and a bottoms liquid enriched in heavier components. Overhead vapor is withdrawn from the distillation column to form a methane enriched stream that is removed from the liquefaction system, and bottoms liquid is reintroduced from the distillation column into the closed-loop refrigeration circuit. Also described are methods of altering the rate of production in a natural gas liquefaction system in which refrigerant is removed as described above, and a natural gas liquefaction systems in which such methods can be carried out.



PCT

- (22) 07/06/2016
- (21) 0966/2016
- (44) December 2018
- (45) 14/04/2019
- (11) 29248

(51)	Int. Cl. 8 C23C 22/00, & C23F 11/00	
(71)	1. JOINT STOCK COMPANY "AKME-ENG 2. 3.	GINEERING
(72)	 MARTYNOV Petr Nikiforovich ASKHADULLIN, Radomir Shamilievich STOROZHENKO Aleksey Nikolaevich IVANOV Konstantin Dmitrievich 	 LEGKIKH, Aleksandr Urievich SHARIKPULOV Said Mirfaisovich FILIN Aleksandr Ivanovich BULAVKIN Sergey Viktorovich
(73)	1. 2.	
(30)	1. (RU) 2013154531 - 10-12-2013 2. (PCT/RU2014/000915) - 08-12-2014 3.	
(74)	AMR IBRAHIM ABDALLAH SALEM	
(12)	Patent	

(54) METHOD FOR INNER-CONTOUR PASSIVATION OF STEEL SURFACES OF A NUCLEAR REACTOR Patent Period Started From 08/12/2014 and Will end on 07/12/2034

(57) The invention relates to a method for inner-contour passivation of steel surfaces of a nuclear reactor consists in filling a first contour of a nuclear reactor with a liquid metal coolant, introducing a reagent into the liquid metal coolant, said reagent interacting with the material of elements of the first contour, forming a protective film, and heating the liquid metal coolant, having the reagent introduced therein, to a temperature allowing for conditions for forming the protective film. The liquid metal coolant having the reagent introduced therein is kept at said temperature until a continuous protective film is formed on the surface of the material of the elements of the first contour. The liquid metal coolant having reagent introduced therein is heated by means of the friction thereof against rotating vanes of a vane pump, which is submerged in the liquid metal coolant. The present invention thus provides for a simpler passivation process, a more reliable passivation mode, an increase in the safety thereof and a simpler control over the process of passivation of steel surfaces.



PCT

- (22) 12/06/2016
- (21) | 0993/2016
- (44) December 2018
- (45) 14/04/2019
- (11) 29249

(51)	Int. Cl. ⁸ F28F 9/013, 9/22 & F28D 7/16 & F22B 37/20 & B01J 8/04
(71)	1. CASALE SA (Switzerland)
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(72)	1. RIZZI, Enrico
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(73)	1.
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(30)	1. (EP) 13197981.7 - 18-12-2013
	2. (PCT/EP2014/077906) - 16-12-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) TUBE HEAT EXCHANGE UNIT FOR INTERNALS OF HEAT EXCHANGERS OR REACTORS Patent Period Started From 16/12/2014 and Will end on 15/12/2034

(57) Tube-bundle heat exchange unit for internals of heat exchangers or reactors, comprising: at least one tube bundle; a plurality of baffles associated with said tube bundle and defining through-openings according to a predefined arrangement, each opening being passed through by one of more tubes of the tube bundle, and a shell which surrounds said tube bundle and said baffles, wherein the assembly of the tube bundle and the shell can be disassembled and the shell is structurally collaborating with the tube bundle through said baffles.



PCT

- $(22) | 24/09/201\overline{4}$
- (21) 1512/2014
- (44) December 2018
- (45) 14/04/2019
- (11) 29250

(51)	Int. Cl. 8 B23K 35/00, 35/02, 35/365 & C22C 19/00
(71)	1. ALFA LAVAL CORPORATE AB (Sweden) 2. 3.
(72)	 SJODIN, Per WALTER, Kristian
(73)	1. 2.
(30)	1. (EP) 12161742.7 - 28-03-2012 2. (PCT/EP2013/056554) - 27-03-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A NOVEL BRAZING COMPOSTION Patent Period Started From 27/03/2013 and Will end on 26/03/2033

(57) The present invention relates to a blend of at least one boron source and at least one silicon source, wherein the blend comprises boron and silicon in a weight ratio boron to silicon within a range from about 5:100 to about 2:1, wherein silicon and boron are present in the blend in at least 25 wt%, and wherein the at least one boron source and the at least one silicon source are oxygen free except for inevitable amounts of contaminating oxygen, and wherein the blend is a mechanical blend of powders, and wherein particles in the powders have an average particle size less than 250 ?m. The present invention relates further to a composition comprising the blend a substrate applied with the blend, a method for providing a brazed product, and uses.



PCT

(22) 04/07/2016

(21) 1120/2016

(44) December 2018

(45) 15/04/2019

(11) 29251

(51)	Int. Cl. 8 B65D 51/00
(71)	1. OTSUKA PHARMACEUTICAL FACTORY, INC (JAPAN)
,	2.
	3.
(72)	1. TATEISHI, ISAMU
,	2.
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(73)	1.
, ,	2.
(30)	1. (JP) 2014-001647 - 08-01-2014
()	2. (PCT/JP2014/078914) - 30-10-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CAP FOR ATTACHMENT TO A CONTAINER, A CONTAINER INCLUDING THIS CAP, AND A METHOD FOR MANUFACTURING A CAP

Patent Period Started From 30/10/2014 and Will end on 29/10/2034

The present invention provides a cap which is mounted to a container. The cap is provided with: an inner frame member which is formed in a cylindrical shape having an axial first end and an axial second end and which has formed on the second end side a flange section protruding outward radially; an outer frame member which has an axial first end and an axial second end, is formed in a cylindrical shape covered over the outer periphery of the inner frame member, has an outer frame engagement section formed at the first end, and has a cover section formed at the second end and covering the outer periphery of the flange section; and an elastic member which is gripped between the outer frame engagement section of the outer frame member and the first end of the inner frame member and which closes the first end of the inner frame member. The cap is further provided with a weld section where a part of the inner wall surface of the outer frame member and the flange section of the inner frame member are affixed by welding. A gap is formed on the outside radially of the weld section at a position between the cover section of the outer frame member and the flange section of the inner frame member. The gap extends from the weld section and is open axially on the second end side of the outer frame member.



PCT

- (22) 01/12/2015
- (21) 1886/2015
- (44) January 2019
- (45) 16/04/2019
- (11) 29252

(51)	Int. Cl. 8 C09K 8/035, 8/04 & E21B 43/22
(71)	1. TUCC TECHNOLOGY, LLC (UNITED STATES OF AMERICA) 2.
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(72)	1. DOBSON, JR., James W
	2. PIERCE, Kimberly A 3.
(73)	1.
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(30)	1. (US) 61/830,374 - 03-06-2013
` /	2. (US) 14/293,764 - 02-06-2014
	3. (PCT/US2014/040729) - 03-06-2014
(74)	Amr Mofed El Deeb
(12)	Patent

(54) CONCENTRATED BORATE CROSSLINKING SOLUTIONS FOR USE IN HYDRAULIC FRACTURING OPERATIONS

Patent Period Started From 03/06/2014 and Will end on 02/06/2034

(57) Disclosed are treating fluid compositions for use in subterranean hydraulic fracturing operations, wherein the fluid compositions contain a liquid, a crosslinkable organic polymer that is soluble in the liquid, and a concentrated borate solution containing a refined, readily-soluble borate, the borate solution being present as a crosslinking agent to crosslink the organic polymer and increase the viscosity of the composition. The compositions may further include one or more freeze-point depressants, thereby increasing the stability of the compositions over a wide range of environmental temperatures.



PCT

- (22) 21/05/2014
- (21) 0817/2014
- (44) January 2019
- (45) 16/04/2019
- (11) 29253

(51)	Int. Cl. 8 C09K 8/035
(71)	1. TUCC TECHNOLOGY, LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	 HINDS, Pierre J DOBSON, JR., James W. TRESCO, Kim O
(73)	1. 2.
(30)	1. (US) 61/562,283 - 21-11-2011 2. (PCT/US2012/066344) - 21-11-2012 3.
(74)	Amr Mofed El Deeb
(12)	Patent

(54) DISSIPATIVE SURFACTANT AQUEOUS-BASED DRILLING SYSTEM FOR USE IN HYDROCARBON RECOVERY OPERATIONS FROM HEAVY OIL AND TAR SANDS Patent Period Started From 21/11/2012 and Will end on 20/11/2032

(57) A water-based drilling fluid which includes an aqueous fluid and a water-soluble dissipative surfactant composition is described, wherein the dissipative surfactant composition includes at least one fatty acid or ester derivative of a plant or vegetable oil. Also described are methods of using such aqueous-based drilling fluids including the dissipative surfactant composition as described in hydrocarbon recovery operations associated with oil/tar sand, where such fluids act to increase the dispersant qualities of hydrocarbons within the oil/tar sand, and where such fluid exhibit a reduced coefficient of friction.



PCT

- (22) 08/02/2016
- (21) 0187/2016
- (44) December 2018
- (45) 16/04/2019
- (11) 29254

(51)	Int. Cl. 8 A01N 43/401, 43/80, 43/90, 47/36, 47/38 & A01P 13/00
(71)	1. BAYER CROPSCIENCE AKTIENGESELLSCHAFT (GERMANY) 2. 3.
(72)	 ZLLKAU, Achim SCHREIBER, Dominique 3.
(73)	1. 2.
(30)	1. (EP) 13179813.4 - 09-08-2013 2. (PCT/EP2014/066777) - 05-08-2014 3.
(74)	SMAS Intellectual Property
(12)	Patent

(54) TERNARY HERBICIDE COMBINATIONS COMPRISING TWO SULFONLYUREAS

Patent Period Started From 05/08/2014 and Will end on 04/08/2034

- (57) Herbicide combinations comprising an effective amount of components (A), (B) and (C) wherein
 - (A) denotes one or more herbicides selected from the group of compounds of the formula (I) and salts thereof
 - (B) denotes one or more herbicides selected from the group of the compounds of the formula (II) and their salts
 - (C) denotes at least one compound selected from the group consisting of (C-1) thienecarbazone-methyl;(C-2) pyroxsulam; (C-3) halauxifen;(C-4) pinoxaden;(C-5) pyroxasulfone;and/or salts thereof.



PCT

- (22) 30/10/2014
- (21) 1737/2014
- (44) October 2018
- (45) 28/04/2019
- (11) 29255

(51)	Int. Cl. 8 F04B 39/10, F16K 31/52
(71)	1. NUOVO PIGNONE SRL (ITALY) 2. 3.
(72)	1. BAGAGLI, Riccardo 2. TOGNARELLI, Leonardo 3.
(73)	1. 2.
(30)	1. (IT) CO2012A000023 - 02-05-2012 2. (PCT/EP2013/059060) - 01-05-2013 3.
(74)	SONYA FAEK FARAG
(12)	Patent

(54) ADJUSTING OPENING TIMES OF A CAM ACTUATED VALVE, RECIPROCATING COMPRESSOR AND METHOD Patent Period Started From 01/05/2013 and Will end on 30/04/2033

(57) Cam actuated valves for compressors include mechanisms for changing an instant when the cam actuated valve is opened and/or a time interval during which the cam actuated valve is in an open state within the time range of a compression cycle. A reciprocating compressor has: a body including a compression chamber; a cam having an oblong portion, being located inside the body and being configured to be rotated around a rotation axis, to perform a rotation during each compression cycle; an actuating element located inside the body and configured to receive a linear displacement or an angular displacement due to the oblong portion of the cam; and a valve located on a flow path of the fluid toward or from the compression chamber and configured to be switched to an open state by the actuating element. The reciprocating compressor also includes a controller configured to adjust timing of the valve.



PCT

- (22) 22/07/2015
- (21) 1156/2015
- (44) October 2018
- (45) 28/04/2019
- (11) 29256

(51)	Int. Cl. 8 H02G 15/18, G02B 6/44
(71)	1. YU-FEN CHI (China)
	2.
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(72)	1. CHIH-KUANG HSING
, ,	2.
	3.
(73)	1.
, ,	2.
(30)	1. (PCT/CN2013/070901) -23-01-2013
()	2.
	3.
(74)	MAHMOD ELWALILY
(12)	Patent

(54) CABLE CONNECTION CASING Patent Period Started From 23/01/2013 and Will end on 22/01/2033

(57) A cable splice box is disclosed. The cable splice box includes a pillar to form therein a waterproof structure. The pillar includes a pillar body having at least two longitudinal grooves, each of which has a bore diameter X configured to accommodate a cable segment; a longitudinal surface having at least two longitudinal slits, each of which has a width Y not less than X, corresponds to one of the two longitudinal grooves, and forms an opening thereon; and two longitudinal elastic pieces, each of which is disposed on one of the at least two longitudinal slits to keep the cable segment in the respective longitudinal groove. The cable splice box provides better operation, reduced cost and consistent construction quality.



PCT

- (22) 18/07/2016
- (21) 1191/2016
- (44) November 2018
- (45) 28/04/2019
- (11) 29257

(51)	Int. Cl. 8 F04D 29/70, 17/16 & B01D 46/00, 46/42
(71)	1. SHARP KABUSHIKI KAISHA (JAPAN)
(71)	2.
	3.
(72)	1. SHIGEMOTO, Naoyuki
	2. SASAKI, Nobuo
	3.
(73)	1,
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(30)	1. (JP) 2014-010655 - 23-01-2014
	2. (JP) 2014-105520 – 21-05-2014
	3. (PCT/JP2014/072946) - 01-09-2014
(74)	SONIA F. FARAG
(12)	Patent

(54) AIR BLOWER Patent Period Started From 01/09/2014 and Will end on 31/08/2034

(57) Provided is an air blower which is capable of preventing dirt comprising scales or dead bodies of trapped insects from being scattered to the outside. The air blower comprising casings, which have an intake port and a discharge port, further comprising an air-blowing fan, which is disposed inside the casings, draws in air from the intake port, and expels the air from the discharge port, and further comprising a filtration filter, which filters the air that has been taken in from the intake port, is characterised in that an insect-trapping part, which traps insects, is provided to a ventilation path between the intake port and the filtration filter.

Arab Republic of Egypt

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



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN MAY 2019"

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.

President of Patent Office

Dr. Mona M. Yehia

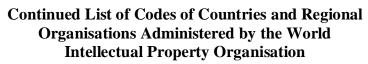
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Priority Number	
Priority Date	30
Priority Country	
Issuance Date	45
International Patent Classification	51
Title	54
Abstract	57
Applicant Name	71
Inventor Name	72
Patentee Name	73
Patent Attorney Name	74



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Code	Country
AE	United Arab emairates
AF	Afghanistan
AG	Antigua and Barbuda
AL	Albania ⁾
AM	Armenia
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AT	Austria
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HN	Honduras
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IE	Ireland



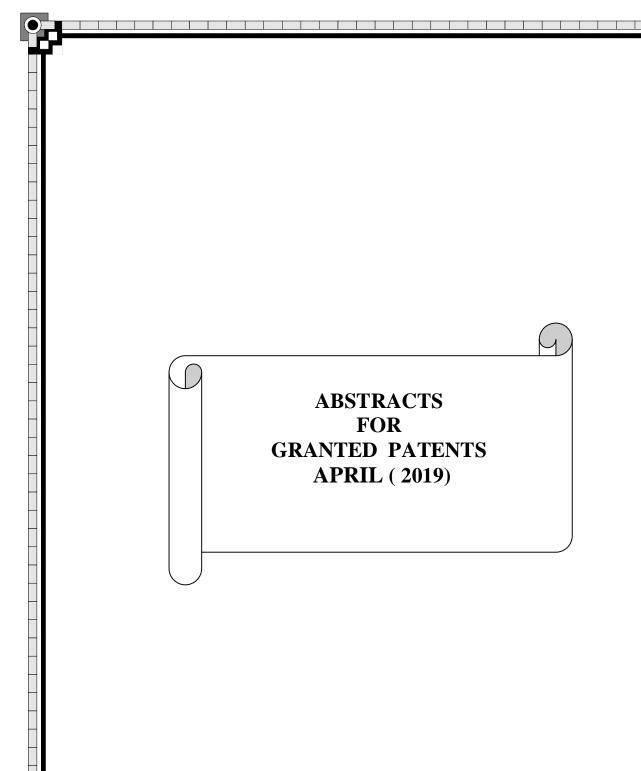
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KG	Kyrgyzstan
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KR	Republic of Korea
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KZ	Kozakhstan
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LC	Sant Lucia
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LK	Sirlanka
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LT	Lithuania
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LV	Latvia
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MC	Monaco
MD	Republic of Moldova
ME	Montenegro
MG	Madagascar

Code	Country
MK	The Former Yugoslav
ML	Mali
MN	Mongolia
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MZ	Mozambique
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RO	Romania
RS	Serbia
RU	Russian Federation
RW	Rwanda
SA	Saudi Arabia



Code	Country
SC	Seychelles
SD	Sudan
SE	Sweden
SG	Singapore
SI	Slovenia
SK	Slovakia
SL	Sierra Leone
SM	San Marion
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) 25/12/2014
- (21) 2076/2014
- (44) November 2018
- (45) 05/05/2019
- (11) 29258

(51)	Int. Cl. 8 B08B 15/02, & E04B 1/343
(71)	1. G.A.P. S.P.A (ITALY) 2.
	3.
(72)	1. ZUCCHI, Francesco
	2.
	3.
(73)	1,
	2.
(30)	1. (IT) RM2012A000309 - 03-07-2012
	2. (PCT/IB2013/053398) - 30-04-2013
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) MOBILE PLANT FOR ASPIRATION AND TREATMENT OF FUMES AND/OR DUST AND/OR GASEOUS MIXTURES Patent Period Started From 30/04/2013 and Will end on 29/04/2033

(57) Described is a mobile plant for the aspiration, treatment, suppression and depuration of fumes and/or dust and/or gaseous mixtures coming from processing of metals or other materials, and in particular from the processing of the metals with flame cutting, by means of which even small production units or larger production units but with limited quantities of materials to be processed or processed in an occasional manner with significant emission of fumes and/or dust can prevent the dispersion into the atmosphere of the fumes and/or dust and can treat the fumes and dust; according to this invention, the mobile plant for the aspiration, treatment, suppression and depuration of fumes and/or dust and/or gaseous mixtures coming from processing of metals or other materials comprises two separate units which integrate and act in conjunction with each other: a removable and transportable hood which is movable from a processing area to a standby area, under which the processing is performed which cause fumes and dust, and which has the purpose of preventing the dispersion of the fumes and dust into the atmosphere, a mobile and transportable plant for the aspiration and treatment of the fumes and dust present in the hood, the two parts being connected by connectors.



PCT

- (22) 01/10/2015
- (21) 1592/2015
- (44) December 2018
- (45) 05/05/2019
- (11) 29259

(51)	Int. Cl. 8 F24J 2/07
(71)	1. STELLENBOSCH UNIVERSITY (South Africa) 2. 3.
(72)	 KROGER, Detley, Gustav 3.
(73)	1. 2.
(30)	1. (ZA) 2013/02381 - 03-04-2013 2. (PCT/IB2014/060380) - 02-04-2014 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) CONCENTRATING CENTRAL SOLAR RECEIVER Patent Period Started From 02/04/2014 and Will end on 01/04/2034

(57) A central solar receiver is provided having a heat exchanger assembly with walls that form an inlet chamber and a generally juxtaposed outlet chamber connected to each other by way of a multitude of tube assemblies. Each tube assembly has an inner tube and an outer tube with the tube assemblies extending away from the inlet and outlet chambers. A remote end of the outer tube is closed and the inner tube terminates short of that closed end. The interior of each inner tube communicates with one of the inlet and outlet chambers and a space between each of the inner and outer tubes communicates with the other of the inlet and outlet chambers to form a passageway connecting the inlet and outlet chambers by way of the inner tube and the space between the inner and outer tubes with a change in direction of flow of about 180 °.



PCT

- (22) 24/06/2014
- (21) 1058/2014
- (44) November 2018
- (45) 05/05/2019
- (11) 29260

(51)	Int. Cl. ⁸ H02G 7/12
(71)	1. A. SALVI & C. S.P.A (ITALY) 2. 3.
(72)	1. TUFARI, Aldo 2. 3.
(73)	1. 2.
(30)	1. (PCT/IT2011/000424) - 30-12-2011 2. 3.
(74)	GEORGE AZIZ
(12)	Patent

(54) SPACE DAMPERS FOR FOUR-CONDUCTORS BUNDLES Patent Period Started From 30/12/2011 and Will end on 29/12/2031

(57) A space damper for 4-cable bundles of overhead power transmission lines is disclosed, comprising a framework where- from four support arms depart, at the distal ends of which there are provided clamps for fastening electric cables, said arms being constrained to the framework through respective dampening hinges, wherein the spacer damper is configured so that the vertical, natural-mode frequencies thereof are higher than the corresponding horizontal, natural-mode frequencies thereof.



PCT

- (22) 18/06/2014
- (21) 0996/2014
- (44) November 2018
- (45) 05/05/2019
- (11) 29261

(51)	Int. Cl. ⁸ F01C 1/344 & F25B 9/06
(71)	1. TOCIRCLE INDUSTRIES AS (NORWAY) 2. 3.
(72)	1. VADING, Kjell 2. 3.
(73)	1. 2.
(30)	1. (NO) 20111749 - 19-12-2011 2. (PCT/NO2012/050250) - 18-12-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	ROTARY MACHINE
	Patent Period Started From 18/12/2012 and Will end on 17/12/2032

(57) A rotary machine in the form of an expander is shown. The Expander Induces a housing having a cavity, inlet and outlet ducts communicating with the cavity, a rotor having a rotor axis, a number of vanes movably received in respective grooves in the rotor and articulately connected about an axis to one end of a control arm and in the other end rotatable supported in a fixed shaft extending centrally through the cavity in the housing, and at least one working chamber which is part of the cavity, The housing includes an internally cylindrical intermediate part, which part interact with the rotor and the vanes. The rotor forms a reel configuration having respective radially extending flange portions which are rotatable together with the vanes, and against which the respective end surfaces of the vanes act.



PCT

- (22) 06/05/2015
- (21) 0701/2015
- (44) November 2018
- (45) 05/05/2019
- (11) 29262

(51)	Int. Cl. 8 H04W 72/02, 72/08	
(71)	1. QUALCOMM INCORPORATED (2. 3.	UNITED STATES OF AMERICA)
(72)	1. NGUYEN, Bao Vinh	4. XIAO, Gang Andy
(12)	2. MAHESHWARI, Shailesh	5. ALLAPRAGADA, Prasanna Venkata Santosh Kumar
	3. RAINA, Ashwini	
(72)	1.	
(73)	2	
	2.	
(30)	1. (US) 61/726,866 - 15-11-2012	
()	2. (US) 14/065,297 - 28-10-2013	
	3. (PCT/US2013/067467) – 30-10-2013	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) METHODS AND APPARATUS FOR LTE MAC LOGICAL CHANNEL PRIORITIZATION BASED ON CONTROL DATA Patent Period Started From 30/10/2013 and Will end on 29/10/2033

(57) Aspects of the present disclosure provide methods, systems, devices and/or apparatuses for logical channel prioritization by a user equipment (UE) within a Long Term Evolution (LTE) wireless communications network. The UE may have multiple logical channels each associated with one or more applications or services of the UE. The UE may identify whether a quality of service (QoS) obligation to allocate at least a portion of uplink resources to a logical channel for a time period is present, and may also identify whether the logical channel has control data to be transmitted from the UE. If a QoS obligation and/or control data are present for the logical channel, the UE may allocate at least a portion of the uplink resources to the logical channel.



PCT

- (22) 11/09/2014
- (21) 1448/2014
- (44) November 2018
- (45) 05/05/2019
- (11) 29263

(51)	Int. Cl. ⁸ E03C 1/14, 1/01
(71)	 AZMI, Moin Uzzaman (United Kingdome) 3.
(72)	 AZMI, Moin Uzzaman 3.
(73)	1. 2.
(30)	1. (GB) 1204341.0 - 12-03-2012 2. (PCT/GB2013/05059) - 11-03-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) WASH BASIN WITH FOOT WASHING FACILITY Patent Period Started From 11/03/2013 and Will end on 10/03/2033

(57) A pedestal wash basin comprising a basin part upon a pedestal part wherein the pedestal part contains a foot washing apparatus for washing a human foot comprising a washing chamber with walls and a ceiling defining a covered hollow dimensioned and arranged for receiving a foot of a user via an inlet opening in a wall positioned for admitting the foot into the hollow. A water outlet is attached to the washing chamber at a position from which to output water across the hollow of the washing chamber in a direction to intersect the foot of the user when so admitted via the inlet opening. The pedestal part presents a through-opening (3B) in an outwardly-presented surface thereof in register with the hollow of the washing chamber permitting access to the hollow for washing the foot of a user.



PCT

- (22) 05/08/2015
- (21) 1224/2015
- (44) October 2018
- (45) 06/05/2019
- (11) 29264

(51)	Int. Cl. ⁸ F24J 2/14, 2/25
(71)	1. ALPHA-E APS (DENMARK)
	2. 3.
(72)	1. NIELSEN, Stig Kejser 2.
	3.
(73)	1. 2.
(30)	1. (DK) PA 2013 70109 - 26-02-2013 2. (PCT/DK2014/050038) - 24-02-2014 3.
(74)	SHADY FAROK MOBARAK
(12)	Patent

(54) AN IMPROVED SOLAR UNIT ASSEMBLY AND A METHOD FOR CONSTRUCTING SUCH AN ASSEMBLY

Patent Period Started From 24/02/2014 and Will end on 23/02/2034

(57) The present invention relates to a solar unit assembly adapted for reflecting light onto a receiver, comprising a plurality of solar collector units, a primary support element, a plurality of secondary support elements, and two side support elements The invention furthermore relates to a method of providing such a solar unit assembly.



PCT

- (22) 05/07/2015
- (21) | 1085/2015
- (44) November 2018
- (45) 06/05/2019
- (11) 29265

(51)	Int. Cl. ⁸ H04N 19/44, 19/46, 19/70, 19/149
(71)	1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	1. WANG, Ye-kui 2. 3.
(73)	1. 2.
(30)	1. (US) 61/749,866 - 07-01-2013 2. (US) 14/061,215 - 23-10-2013 3. (PCT/US2013/077283) - 20-12-2013
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SIGNALING OF CLOCK TICK DERIVATION INFORMATION 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 a time scale and a number of units in a clock tick at most once in a video parameter set (VPS) syntax structure referenced by the coded video sequence and at most once in a video usability information (VUI) part of a sequence parameter set (SPS) syntax structure referenced by the coded video sequence. Another example provides for encoding pictures of a video sequence to generate a coded video sequence and signaling timing parameters for the coded video sequence by at least in part signaling a time scale and a number of units in a clock tick at most once in a VPS syntax structure and at most once in a VUI part of a SPS syntax structure.

video information.



PCT

- (22) 08/06/2015
- (21) 0921/2015
- (44) November 2018
- (45) 06/05/2019
- (11) 29266

(51)	Int. Cl. 8 H04N 19/30, 19/50, 19/55, 19/34, 19/98, 19/19/, 19/147
(71)	1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. SEREGIN, Vadim
, ,	2. CHEN, Ying
	3. CHEN, Jianle
(73)	1.
,	2.
(30)	1. (US) 61/736,481 - 12-12-2012
()	2. (US) 61/767,183 – 02/20/2013
	3. (US) 14/049,649 – 10-09-2013
	(PCT/US2013/07301) – 04-12-2013
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DEVICE AND METHOD FOR SCALABLE CODING OF VIDEO INFORMATION BASED ON HIGH EFFICIENCY VIDEO CODING Patent Period Started From 04/12/2013 and Will end on 03/12/2033

(57) An apparatus configured to code video information includes a memory unit and a processor in communication with the memory unit. The memory unit is configured to store video information associated with an enhancement layer having a first block and a base layer having a second block, the second block in the base layer corresponding to the first block in the enhancement layer. The processor is configured to predict, by inter layer prediction, the first block in the enhancement layer based on information derived from the second block in the base layer. At least a portion of the second block is located outside of a reference region of the base layer, the reference region being available for use for the inter layer prediction of the first block. The processor may encode or decode the



PCT

- (22) 05/07/2015
- (21) | 1085/2015
- (44) November 2018
- (45) 06/05/2019
- (11) 29267

(51)	Int. Cl. 8 H04N 19/44, 19/46, 19/70, 19/149
(71)	1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. WANG, Ye-Kui
	2.
	3.
(73)	1.
	2.
(30)	1. (US) 61/749,866 - 07-01-2013
(30)	2. (US) 14/061,130 – 23-12-2013
	3. (PCT/US2013/077267) – 20-12-2013
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CONDITIONAL SIGNALING OF PICTURE ORDER COUNT TIMING INFORMATION 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 encoding pictures of a video sequence to generate a coded video sequence comprising the encoded pictures and signaling timing parameters for the coded video sequence by directly signaling a condition for signaling a number of clock ticks corresponding to a difference of picture order count (POC) values equal to 1 in at least one of a video parameter set (VPS) syntax structure referenced by the coded video sequence and a sequence parameter set (SPS) syntax structure referenced by the coded video sequence. Another example provides for receiving timing parameters for a coded video sequence that include a condition for signaling a number of clock ticks corresponding to a difference of POC values equal to 1 directly in at least one of a VPS syntax structure referenced by the coded video sequence and an SPS syntax structure referenced by the coded video sequence.



PCT

- (22) 09/09/2015
- (21) 1452/2015
- (44) November 2018
- (45) 08/05/2019
- (11) 29268

(51)	Int. Cl. 8 F03G 6/00, & F24J 2/00
(71)	 COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERANATIVES (FRANCE) 3.
(72)	 BRUCH, Arnaud COUTURIER, Raphaël FOURMIGUE, Jean-FranCois
(73)	1. 2.
(30)	1. (FR) 1352150 - 11-03-2013 2. (PCT/EP2014/054456) - 07-03-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CONCENTRATING SOLAR POWER STATION WITH IMPROVED OPERATION Patent Period Started From 07/03/2014 and Will end on 06/03/2034

(57) Solar power station comprising a first exchanger positioned downstream of the exit from the solar field and upstream of the storage system and of the conversion system such that all the hot fluid leaving the solar field circulates through said at least one first exchanger before feeding into the conversion system and/or the storage system, said first exchanger comprising a phase-change material the phase-change temperature of which is a temperature slightly below that of the nominal operating temperature of the conversion system.



PCT

- (22) 18/07/2016
- (21) 1184/2016
- (44) January 2019
- (45) 12/05/2019
- (11) 29269

(51)	Int. Cl. 8 H04W 92/18, 56/00
(71)	1. Telefonaktiebolaget L M Ericsson (publ) (SWEDEN) 2.
	3.
(72)	1. SORRENTINO, Stefano; (SE)
	2.
	3.
(73)	1.
	2.
(30)	1. (US) 61/934.028 - 31-01-2014
	2. (PCT/SE2015/050087) - 28-01-2015
	3.
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) METHOD AND APPARATUS FOR THE SYNCHRONIZATION OF A DEVICE-TO-DEVICE COMMUNICATION

Patent Period Started From 28/01/2015 and Will end on 27/01/2035

(57) This invention is related to transmitter transmits synchronization signals according to one or more defined transmission characteristics that enable a receiver to distinguish the type of transmitter and/or the type of carrier used to convey the synchronization signals. Different types of transmitters reuse at least some of the same synchronization signal sequences and generation algorithms, but use different transmission parameters to impart one or more recognizable characteristics to the transmitted synchronization signals. In turn, an appropriately configured receiver "knows" which characteristics are associated with which transmitter and/or carrier types. For example, wireless devices operating in a wireless communication network transmit device-generated synchronization signals that reuse at least some of the same sequences used by network base stations for the transmission of network synchronization signals. However, devicegenerated synchronization signals are transmitted using a relative positioning or mapping that characteristically differs from that used for network synchronization signals.



PCT

- (22) 08/06/2016
- (21) | 0974/2016
- (44) November 2018
- (45) 12/05/2019
- (11) 29270

(51)	Int. Cl. 8 B01D 19/00, & 21B 43/36
(71)	1. Saipem S.A. (FRANCE) 2. 3.
(72)	1. HALLOT, Raymond 2. 3.
(73)	1. 2.
(30)	1. (FR) 14/00216 - 29-01-2014 2. (PCT/FR2015/050189) - 28-01-2015 3.
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) MODULAR PLANT AND PROCESS FOR LIQUID/GAS SEPARATION, IN PARTICULAR FOR LIQUID AND GASEOUS PHASES OF A CRUDE OIL

Patent Period Started From 28/01/2015 and Will end on 27/01/2035

(57) The present invention relates to a modular plant for liquid/gas separation of a multiphase fluid such as crude oil comprising a plurality of individual separation devices consisting of a chamber cooperating at the base thereof with a coaxial connection part connected or intended to be connected to a support structure resting on the seabed capable of receiving a plurality of said individual separation devices in a reversible manner so as to be able to ensure disconnections thereof at will, in particular for increasing the separation capacities of the plant and/or carrying out the maintenance of the individual separation device at the surface.



PCT

- (22) 04/10/2015
- (21) 1605/2015
- (44) January 2019
- (45) 12/05/2019
- (11) 29271

(51)	Int. Cl. ⁸ E01B 3/00
(71)	1. VOESTALPINE WEICHENSYSTEME GMBH (AUSTRIA) 2. 3.
(72)	 RIESSBERGER, Klaus GUGGENBERGER, Eduard OSSBERGER, Heinz
(73)	1. 2.
(30)	1. (AT) A 277/2013 - 10-04-2013 2. (PCT/AT2014/000044) - 06-03-2014 3.
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) SLEEPERS HAVING ELEVATED RAIL FASTENING AS PROTECTION AGAINST SAND COVERAGE Patent Period Started From 06/03/2014 and Will end on 05/03/2034

(57) The invention relates to a track section for rail vehicles having sleepers arranged one behind the other and rails supported on the sleepers, wherein the sleepers each have support regions for the rails arranged at a distance from each other. According to the invention, the sleepers have an elevated design in the support regions and optionally in the region lying between the support regions.



PCT

- (22) 05/01/2015
- (21) 0015/2015
- (44) **January 2019**
- (45) 12/05/2019
- (11) 29272

(51)	Int. Cl. 8 C03C 17/00
(71)	1. SAINT-GOBAIN GLASS FRANCE (FRANCE) 2. 3.
(72)	 CLABAU, Frédéric GARNIER, Louis RACHET, Vincent
(73)	1. 2.
(30)	1. (FR) 1257307 – 27-07-2012 2. (PCT/FR2013/051787) - 25-07-2013 3.
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) TEMPERABLE ENAMELLED GLASS Patent Period Started From 25/07/2013 and Will end on 24/07/2033

(57) The present invention relates to a coloured enamelled glass or glass-ceramic substrate which includes an alkaline silicate mineral coating, which achieves the desired performance in terms of colour and colour change when tempered, and in terms of adhesion and mechanical strength at low temperatures without requiring a high-temperature firing step.



PCT

- (22) 04/08/2015
- (21) 1206/2015
- (44) December 2018
- (45) 11/05/2019
- (11) 29273

(51)	Int. Cl. 8 H01M 10/0563, 10/054, 10/052, 4/58, 10/0525, 4/587
(71)	1. ALEVO RESEARCH AG (SWITZERLAND) 2. 3.
(72)	 ZINCK, Laurent PSZOLLA, Christian DAMBACH, Claus
(73)	1. 2.
(30)	1. (PCT/EP2013/000366) - 07-02-2013 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) ELECTROLYTE FOR AN ELECTROCHEMICAL BATTERY CELL AND BATTERY CELL CONTAINING THE ELECTROLYTE

Patent Period Started From 07/02/2013 and Will end on 06/02/2033

(57) The invention relates to an electrolyte for an electrochemical battery cell, containing sulfur dioxide and a conductive salt. Improved characteristics of a cell filled with the electrolyte are achieved by the molar concentration of hydroxide groups in the electrolyte being at most 50 mmol per liter and the molar concentration of chlorosulfonate groups in the electrolyte being at most 350 mmol per liter.



PCT

- (22) 04/07/2016
- (21) 1117/2016
- (44) January 2019
- (45) 19/05/2019
- (11) 29274

(51)	Int. Cl. ⁸ G01J 5/08, B22D 41/16
(71)	1. VESUVIUS GROUP, S.A. (Belgium) 2. 3.
(72)	1. DUSSUD, Michel 2. 3.
(73)	1. 2.
(30)	1. (EP) 14150465.4 - 08-01-2014 2. (PCT/EP2015/050057) - 05-01-2015 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	OPTICAL PYROMETER
	Patent Period Started From 05/01/2015 and Will end on 04/01/2035

(57) The invention relates to a device for measuring the temperature of a bath of metal, comprising a sleeve and an optical head, and also to a method for joining together or taking apart a sleeve and an optical head, and also to a sleeve, and finally to a method for measuring the temperature of a bath of molten metal. By virtue of this device, mounting and removal is rendered easier while keeping the measuring zone centred and decreasing measurement disturbances caused by the emission of gas from the sleeve made of refractory material.



PCT

- (22) 05/09/2016
- (21) | 1481/2016
- (44) January 2019
- (45) 19/05/2019
- (11) 29275

(51)	Int. Cl. 8 B01J 10/00, 19/24, 3/04, 4/00 & C07D 215/56, 251/60
(71)	1. CASALE SA (SWITZERLAND) 2. 3.
(72)	 RIZZI, Enrico 3.
(73)	1. 2.
(30)	1. (EP) 14159283.2 - 12-03-2014 2. (PCT/EP2015/054807) - 09-03-2015 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) HIGH PRESSURE REACTOR FOR THE SYNTHESIS OF MELAMINE Patent Period Started From 09/03/2015 and Will end on 08/03/2035

(57) Reactor for the synthesis of melamine from urea, in accordance with the high- pressure non-catalytic process, comprising: a vertical reactor body, at least one inlet for the urea melt, a set of heating elements, and a central duct, said set of heating elements being arranged inside said central duct



PCT

- (22) 22/07/2016
- (21) 1158/2015
- (44) January 2019
- (45) 19/05/2019
- (11) 29276

(51)	Int. Cl. ⁸ B60Q 1/48
(71)	1. MUNICIPAL PARKING SERVICES INC (UNITED STATES OF AMERICA) 2. 3.
(72)	1. HUDSON, Thomas, G 2. CALDWELL, Joseph, M 3. GAGE, Richard
(73)	1. 2.
(30)	1. (US) 61/756,854 - 25-01-2013 2. (US) 61/887,319 - 04-10-2013 3. (US) 61/887,324 - 04-10-2013 4. (US) 61/596,794 - 15-03-2015 (PCT/US2014/013079) - 25-01-2014
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	PARKING METER SYSTEM	
	Patent Period Started From 25/01/2014 and Will end on 24/01/2034	

(57) A parking meter includes a housing, processor, memory, network interface, graphical user interface, first camera disposed in the housing and facing outward from the first side of the housing, microphone, speaker, second camera disposed in the housing and facing outward from the housing towards a parking space, a status light, and a payment acceptor. The meter is configured to sense a vehicle's presence in the parking space, capture an identification of the vehicle, transmit the identification to a remote networked computer system, determine that a parking violation has occurred, transmit the notice to the remote computer system, accept payment of fines, transmit notice of fine payment to the remote computer system, transmit a time of the vehicle's exit from the first parking space to the remote computer system via the network interface, and reset the parking time period to zero upon the vehicle's exit from the parking space.



PCT

- (22) 16/07/2014
- (21) 1178/2014
- (44) January 2019
- (45) 19/05/2019
- (11) 29277

(51)	Int. Cl. 8 C08F 14/06, 214/06, 2/38, 2/42 & C08K 3/16, 5/32	
(71)	1. Arkema France (France) 2.	
(72)	 Gillis, Fabrice Bonardi, Christian Pascal, Thierry 	4. Tartarin, Isabelle
(73)	1. 2.	
(30)	1. (FR) 1250656 – 24-01-2012 2. (PCT/FR2013/050016) - 04-01-2013 3.	
(74)	MOHAMED RAGAEE EL DEKI	
(12)	Patent	

(54) PROCESS FOR PREPARING HALOGENATED POLYMERS Patent Period Started From 04/01/2013 and Will end on 03/01/2033

(**57**) The invention relates a process for aqueous-suspension, to microsuspension, emulsion or microemulsion polymerization of at least one halogenated, in particular chlorinated, monomer, for example vinyl chloride, alone or with one or more other vinyl monomers, preferably less than 50% by weight of one or more other vinyl monomers, in which at least one polymerization short-stopper and at least one perhalogenate, as bleaching agent, are added. The invention also relates to the use of a combination of at least one polymerization short-stopper and at least one perhalogenate, as bleaching agent, in reactions for polymerization of halogenated monomers. The invention also relates to the compositions comprising at least one polymerization short-stopper and at least one perhalogenate.



PCT

- (22) 16/12/2015
- (21) 1993/2015
- (44) November 2018
- (45) 19/05/2019
- (11) 29278

(51)	Int. Cl. 8 C01B 5/02 & C25B 1/00 & B01D 59/40 & G01N 1/40
(71)	 Industrie de Nora S.P.A. (ITALY) 3.
(72)	 MANABE, Akiyoshi NISHIKI, Yoshinori KUNIMATSU, Akira
(73)	1. 2.
(30)	1. (JP) 2013-158735 - 31-07-2013 2. (PCT/EP2014/065948) - 24-07-2014 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) ELECTROLYTIC ENRICHMENT METHOD FOR HEAVY WATER Patent Period Started From 24/07/2014 and Will end on 23/07/2034

(57) An electrolytic enrichment method for heavy water includes enriching heavy water by electrolysis using an alkaline water electrolysis cell including an anode chamber that holds an anode, a cathode chamber that holds a cathode, and a diaphragm. In the method, an electrolyte prepared by adding high-concentration alkaline water to raw material water containing heavy water is circularly supplied to the anode chamber and the cathode chamber from a circulation tank; an anode-side gas-liquid separator and an anode-side water-seal device are connected to the anode chamber, and a cathode-side gas-liquid separator and a cathode-side water-seal device are connected to the cathode chamber; and electrolysis is continued while the alkali concentration in the electrolyte supplied to both electrolysis chambers is maintained at a constant concentration by circularly supplying, to the circulation tank, the electrolyte from which the gas generated from the anode-side gas-liquid separator and the cathode-side gas-liquid separator is separated.



PCT

- (22) 17/03/2014
- (21) 0422/2014
- (44) November 2018
- (45) 19/05/2019
- (11) 29279

(51)	Int. Cl. 8 D04B 9/10
(71)	1. LONATI S.P.A (ITALY) 2. 3.
(72)	 LONATI, Ettore LONATI, Fausto LONATI, Tiberio
(73)	1. 2.
(30)	1. (IT) MI2011A001681 - 19-09-2011 2. (PCT/EP2012/064383) - 23-07-2012 3.
(74) (12)	MAGDA HAROON Patent

(54) DOUBLE-CYLINDER CIRCULAR MACHINE FOR PRODUCING TUBULAR KNITTED MANUFACTURES, PARTICULARLY FOR MAKING HOSIERY ITEMS

Patent Period Started From 23/07/2012 and Will end on 22/07/2032

(57) A double-cylinder circular machine for producing tubular knitted manufactures, particularly for making hosiery items or the like, which comprises a supporting structure which is provided with a footing for resting on the ground which supports, so that it can rotate about its own vertically-oriented axis, a lower needle cylinder. The supporting structure comprises at least one column which is extended substantially vertically, protrudes upward from the footing and supports, so that it can rotate about its own axis, an upper needle cylinder which is arranged above the lower needle cylinder. The machine comprises means for the actuation of the lower needle cylinder and of the upper needle cylinder with a rotary motion about their axes. The actuation means comprise a main motor, which is connected kinematically to the lower needle cylinder and to the upper needle cylinder by means of a main shaft, which is arranged within the column and is oriented so that its axis is vertical. The upper needle cylinder is supported, so that it can rotate about its own axis, by an arm, which in turn is supported by the column so that it can rotate about the axis of the main shaft. The machine comprises means for the rotation of the arm about the axis of the main shaft with respect to the column to provide the transition of the upper needle cylinder from an active position, in which it is arranged coaxially to the lower needle cylinder, to an inactive position, in which it is spaced with its axis laterally to the axis of the lower needle cylinder, and vice versa. The rotation means are constituted by the same main motor.



PCT

- (22) 12/06/2016
- (21) 0992/2016
- (44) January 2019
- (45) 19/05/2019
- (11) 29280

(51)	Int. Cl. 8 F16L 15/06, 15/00
(71)	1. MARUBENI-ITOCHU TUBULARS AMERICA INC (UNITED STATES OF AMERICA) 2. 3.
(72)	 DEHART, Cody, Allen 3.
(73)	1. 2.
(30)	1. (US) 61/916,621 - 16-12-2013 2. (PCT/US2014/070329) - 15-12-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) THREADED CONNECTION Patent Period Started From 15/12/2014 and Will end on 14/12/2034

(57) A threaded connection having a straight central axis, the connection including a plurality of pin threads, each pin thread having a rootand a crest, and a box having a plurality of box threads, each box thread having a root and a crest. The crests of at least a portion of the box threads are curved so that when the pin threads are fully engaged with the box threads, there is a void between the roots of the pin threads and the corresponding curved crests of the box threads to reduce standoff caused by lubricant or other fluids becoming trapped between the threads as the connection is made up.



PCT

- (22) 09/04/2013
- (21) | 0950/2013
- (44) January 2019
- (45) 19/05/2019
- (11) 29281

(51)	Int. Cl. 8 B41F 33/00
(71)	1. KBA-NotaSys SA (SWITZERLAND) 2. 3.
(72)	 LANTERNIER, Jean-Baptiste WILLEKE, Harald, Heinrich TURKE, Thomas
(73)	1. 2.
(30)	1. (EP) 10187099.6 - 11-10-2010 2. (PCT/IB2011/054453) - 10-10-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) COLOR CONTROL PATTERN FOR THE OPTICAL MEASUREMENT OF COLORS PRINTED ON A SHEET OR WEB SUBSTRATE BY MEANS OF A MULTICOLOR PRINTING PRESS Patent Period Started From 10/10/2011 and Will end on 09/10/2031

(57) There is described a color control pattern (CP) for the optical measurement of colors printed on a sheet or web substrate (S) by means of a multicolor printing press, especially by means of a multicolor security printing press, which substrate (S) exhibits an effective printed region (EF) having a multicolor printed image comprising a plurality of juxtaposed colored areas (A- H) printed with a corresponding plurality of printing inks of different colors, wherein the color control pattern (CP) is located in a margin portion (Im) of the substrate (S) next to the effective printed region (EF). The color control pattern (CP) comprises one or more color control strips (a-d) extending transversely to a direction of transport (T) of the substrate (S), each color control strip (a-d) comprising a plurality of distinct color control fields (CF, CFA to CFH) consisting of printed fields of each relevant printing ink that is printed in the effective printed region (EF). The color control fields (CF, CFA to CFH) are coordinated to actual application of the relevant printing inks in the effective printed region (EF) and are positioned transversely to the direction of transport (T) of the substrate (S) at locations corresponding to actual positions where the relevant printing inks are applied in the effective printed region (EF).



PCT

- (22) 08/10/2014
- (21) 1593/2014
- (44) December 2018
- (45) 19/05/2019
- (11) 29282

(51)	Int. Cl. 8 C10G 35/04, 45/58 & C10L 1/06, 1/08
(71)	1. IGTL TECHNOLOGY LTD (UNITED KINGDOME) 2. 3.
(72)	1. HYMAN, Richard John 2. 3.
(73)	1. 2.
(30)	1. (GB) 1206196.6 - 05-04-2012 2. (PCT/GB2013/050898) - 05-04-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PRODUCTION OF LIQUID HYDROCARBONS Patent Period Started From 05/04/2013 and Will end on 04/04/2033

(57) The invention relates to a process for the conversion of hydrogen and one or more oxides of carbon to hydrocarbons, which process comprises: contacting hydrogen and one or more oxides of carbon with a catalyst in a reactionzone; removing from the reaction zone an outlet stream comprising unreacted hydrogen,unreacted one or more oxides of carbon and one or more hydrocarbons and feeding the outlet stream to a separation zone in which the outlet stream is divided into at least threefractions, in which; a first fraction predominantly comprises unreacted hydrogen, unreacted one or moreoxides of carbon and hydrocarbons having from 1 to 4 carbon atoms; a second fraction predominantly comprises hydrocarbons having 5 to 9 carbonatoms, at least a portion of which hydrocarbons having from 5 to 9 carbon atoms are olefinic; and a third fraction predominantly comprises hydrocarbons having 10 or more carbonatoms; characterised in that at least a portion of the second fraction is recycled to the reaction zone.



PCT

- (22) 06/12/2010
- (21) 2062/2010
- (44) February 2019
- (45) 21/05/2019
- (11) 29283

(51)	Int. Cl. 8 A63B 23/00 &A61G 5/00
(71)	1. MOHAMED ALI ABD AL MEGED ALMOKATAF (EGYPT)
	2. ALEXANDRIA UNIVERSITY (EGYPT)
	3. SAMER ABAS OMAR MOHAMED (EGYPT)
(72)	1. MOHAMED ALI ABD AL MEGED ALMOKATAF
	2. ALEXANDRIA UNIVERSITY
	3. SAMER ABAS OMAR MOHAMED
(73)	1.
(-)	2.
(30)	1.
(/	2.
	3.
(74)	FOCAL POINT - ALEX UNIVERCITY
(12)	Patent

(54) TREADMILL DEVICE FOR HANDICAPPED CRIPPLED Patent Period Started From 06/12/2010 and Will end on 05/12/2030

(57) A mill with a circular cylinder is done manually install the rear wheels of the wheelchair on the top front of the circular cylinder with the installation of the front wheel of the wheelchair to a fixed extended bond prevent rotation is also based on altrid miles in a horizontal position on the 4 central bonds in the form of an inverted t, and can add a number 2 graded back bonds included a length of 75 cm proved both sides of the rear altrid miles on them to be altrid miles in a gradient, and bonds graded can be moved back to install and lifting the front part of being in a tendency to want a mile, and to fasten by noon wheelchair bond installed to prevent the chair from falling over, which it can free player performance equivalent to the output of the physical load the 100-meter race wheelchairs, and various training events clips can be implemented for the development of power, speed and endurance, or a combination between the same direction as the path to push the motor arm .



PCT

- (22) 24/07/2014
- (21) 1221/2014
- (44) | February 2019
- (45) 21/05/2019
- (11) 29284

(51)	Int. Cl. 8 A01K 1/00 & C02F 1/00
(71)	1. SABER AYAD ZAKY (EGYPT) 2.
(72)	3. 1. SABER AYAD ZAKY 2.
(73)	3. 1. 2.
(30)	1. 2. 3.
(74) (12)	Patent

(54) REMNANTS OF THE NILE RIVER COMPLEX Patent Period Started From 24/04/2014 and Will end on 23/04/2034

(57) Is an alternative power called (Sola) in view of the waterway for floating debris and causing problems and difficulty in lifting waste and high cost. And most of all are the contaminated water and the environment Modern waste compound on the edge of the waterway to facilitate lifting floating and submersible waste. Low cost of construction and equipment for quick construction. A solid network installed on the border of three columns on a quarter of the box components reaches minus the rib allows entry and seizure of the waste? And effortless entry is automatic waste water and allows the passage of water and makes it easier to lift from the shelf (edge) Does not cause any harm and are from the opposite side of the complex and acute angle until the middle of the stream and after few second barrier placed by the same angle until the entry barrier to the wrapper waste residuals. So we were able for the first time of the control, the control and collect all floating and submersible from the far left to the far right to the entry into force of flowing water. Modern technology and without any effort work automatically for all waste.



PCT

- (22) 21/04/2015
- (21) 0617/2015
- (44) | February 2019
- (45) 21/05/2019
- (11) 29285

(51)	Int. Cl. 8 H02K 7/065, 9/04 & H02N 11/00
(71)	1. MAHMD AHMED EL GAMEL (EGYPT)
	2. 3.
(72)	1. MAHMD AHMED EL GAMEL
	2. 3.
(73)	1.
(30)	2. 1.
(30)	2.
	3.
(74)	
(12)	Patent

(54) ELECTROMAGNETIC TORQUE MOTOR WITH HIGH TORQUE AND LIMITED ANGLE

Patent Period Started From 21/04/2015 and Will end on 20/04/2035

(57) The electromagnetic torque of limited angle consists of an output part which rotates with limited angle due to attracting or repulsing forces (according to the polarity) between the surfaces at its ends and facing surfaces at the ends of fixed stators. The coils that generate the flux are located closer to the center of rotation than the facing surfaces at the ends. In order to reducing the large gaps between the facing surfaces at the ends, and hence increasing the generated forces and torques, the torque motor in this patent moves the facing surfaces to be located in align with the center of rotation or close to it in order to get the narrowest possible gap due to the inclination angle, and hence the coil are moved away. The motor may has various features such as utilizing many pairs of facing surfaces, many electromagnetic circuits; arrange the surfaces in pairs for balanced forces and pure couples, works in one or two directions, the two directions electromagnetic circuits installed in one or two planes, precautions to avoid magnetic fields interference and generating torques opposite to the required direction should be observed.



PCT

- (22) 07/05/2015
- (21) 0703/2015
- (44) February 2019
- (45) 21/05/2019
- (11) 29286

(51)	Int. Cl. 8 E04B 5/32
(71)	1. TAREK SALAH ELDIN MOASTAFA RAGHEB (EGYPT) 2. 3.
(72)	1. TAREK SALAH ELDIN MOASTAFA RAGHEB 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	Patent

(54) A CEILING SLAPS OF BRICKS FOR MULTI-FLOOR BUILDINGS WHETHER SKELETON STRUCTURES OR BEARING WALLS

Patent Period Started From 07/05/2015 and Will end on 06/05/2035

(57) This invention relates to method for a ceiling slaps of bricks for multi-floor housing buildings whether skeleton structures or bearing walls. These slaps are based on maximizing the benefit of restricted arches via metal bond of reinforcing steel bars (rebar) to hinder its movement wherein such rebars are positioned in selected areas in the said slaps. The high tensile stress of rebar is beneficial so as to transform the ceiling tiles from bricks to the constant compression. The span of these slaps are up to 10 meters depending on the type of bricks used.



PCT

- (22) 16/11/2015
- (21) 1806/2015
- (44) | February 2019
- (45) 21/05/2019
- **(11)** | **29287**

(51)	Int. Cl. ⁸ B01D 45/04
(71)	1. MOHAMED MOSTAFA MOHAMED FARID AMMAR (EGYPT) 2. WALEED MAMDOUH EL-SALLAMY (EGYPT)
	3. TAMER MOHAMED ABDEL FATTAH ELNADY (EGYPT) 4. TAREK ABDEL SADEK OSMAN (EGYPT)
(72)	1. MOHAMED MOSTAFA MOHAMED FARID AMMAR (EGYPT) 2. WALEED MAMDOUH EL-SALLAMY 3. TAMER MOHAMED ABDEL FATTAH ELNADY
	4. TAREK ABDEL SADEK OSMAN
(73)	1. 2.
(30)	1. 2.
	3.
(74)	
(12)	Patent

(54) CENTRIFUGAL TYPE SPARK ARRESTOR MODEL B Patent Period Started From 16/11/2015 and Will end on 15/11/2035

(57) Spark arrestor type B (Figure 1) is of centrifugal collection type according to standard BS EN 1834-1 to 3:2000. It consists of Inlet pipe 3" of length 75 mm, Expansion chamber of diameter 200 mm and length 300 mm, Internal perforated plate 2, Outlet pipe of 3", and Spark Arrestor part of ten ribs and each rib contains a slot of 2 mm height and 160 mm length. Each slot has an inclined blade. The theory of this spark arrestor is that the exhaust gas will enter first to the Spark Arrestor part 7 which is inside the expansion chamber 3 through the inlet pipe 4 makes the exhaust gas and the embers accompanying with the exhaust gas rotated inside the first chamber of the expansion chamber because of centrifugal force. Then the embers with heavy weight will be precipitated at the bottom of the first chamber where there is a plug 6 to maintain the spark arrestor. Then the exhaust gas will continue its way to the second chamber through the perforations in the upper side of the plate 2, as it helps embedding the embers to pass to the second chamber. Then exhaust gas will pass to the surrounding environment through the outlet pipe.



PCT

- (22) 15/02/2016
- (21) 0232/2016
- (44) February 2019
- (45) 21/05/2019
- (11) 29288

(51)	Int. Cl. ⁸ C08L 1/08, 1/02
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	 GALAL ABDEL MOEIN MAHMOUD NAWWAR 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT - NATIONAL RESEARCH CENTER
(12)	Patent

(54)	METHOD FOR PREPARING NEW NONTOXIC ANTIBACTERIAL CELLULOSE DERIVATIVE
	Patent Period Started From 15/02/2016 and Will end on 14/02/2036

(57) In this invention the biological effect of aqueous wastes produced from extraction of papers pulp from rice straw were studied after its collection modification and reformulation. It was confirmed that these formulates have killing effects against snails and it could be the first Egyptian, environmentally safe and cost effective mollusicid



PCT

- (22) 18/02/2016
- (21) 0248/2016
- (44) | February 2019
- (45) 21/05/2019
- (11) | 29289

(51)	Int. Cl. 8 C10G 1/02 & C10B 3/02
(71)	1. AYMAN IBRAHIM MOHAMED YEHYA SAAD (EGYPT) 2.
	3.
(72)	1. AYMAN IBRAHIM MOHAMED YEHYA SAAD
	2.
	3.
(73)	1,
. ,	2.
(30)	1,
	2.
	3.
(74)	
(12)	Patent

(54) PYROLYSIS REACTOR THAT CONVERTS BIOMASS AND PETROLEUM BLOC INTO FUEL, AND ITS COOLING UNIT. AND BOTH IS USING VIBRATIONS FOR THE TRANSFERRING Patent Period Started From 18/02/2016 and Will end on 17/02/2036

(57) New model of pyrolysis reactor to convert the various types of biomass (organic materials and wastes) from plant and animal and converts the petroleum bloc (all kind of plastic and rubber and any material formed from petroleum components into solid fuel (char), liquid fuel (bio-oil) and gaseous fuel (bio-gas) It is based on using the movement generated from doing strong vibration that moves the particles of the bio or petroleum mass through the isolated reactor from air (oxygen). Or to move the produced char through the cooling unit The speed of materials inside the reactor or the cooling unit is controlled by using specific barriers fixed on the ground of reactor or cooling unit and it have specific length and angles and a specific spacer according to the required time we need to make the materials stay inside the reactor or the cooling unit In case of pyrolysis reactor, the base of the reactor is heated to the required temperature using direct fire or by electricity or by using the produced hot gases of combustion of any kind of fuel. During the trip of entry and exit of the materials to and from the reactor in specific temperature the materials is converted to vapors loaded with condensable volatiles and non-condensable gases the vapors directed to condenser to condense bio oil and the bio gas is remain. And part of the material is converted to char pass from the reactor to the cooling unit to cool down and then is stored. Cooling unit is cooled by cold water that pumped inside the barriers installed on the ground of cooling unit in addition that structure of cooling unit compose from two units one is internal to pass the char and the other is external around the internal one where cold water also is pumped inside the external unit and around the internal unit.



PCT

- (22) 04/07/2016
- (21) 1115/2016
- (44) | February 2019
- (45) 21/05/2016
- (11) 29290

(51)	Int. Cl. 8 C12N 1/00 & C02F 9/14	
(71)	1. SCIENCE AND TECHNOLOGY DEVELOPMENT FUND (EGYPT)	
	2.	
	3.	
(72)	1. NABIL ABD EL-BASSET IBRAHIM	4. SAFAA ESSAM ABDELAH
	2. MOHAMED EL-SAYED ABDEL AZIZ	5. MOHAMED MAHMOUD HASHEM
	3. BASMA MOHAMMED EID	
(73)	1.	
(10)	2.	
(30)	1.	
(00)	2.	
	3.	
(74)	MARWA ALAA EL DIN MOHAMED ABDEI	-MEGUID
(12)	Patent	

(54) BIO-PREPARATION METHOD FOR KNITTED COTTON FABRICS Patent Period Started From 04/07/2016 and Will end on 03/07/2036

(57) The patent has been directed to replace hazardous chemicals and sever conditions in the conventional scouring process of grey knitted cotton fabrics with new eco-friendly one, by locally produced acid pectinases, taking in consideration water/energy/chemicals consumption, product quality and the environmental negative impacts. Bench and semi-industrial trials have been carried out, under proper treatment conditions, as well as evaluation of the produced fabrics properties were investigated. The biotreated fabrics showed a remarkable improvement in their performance properties such as hydrophilicity, degree of whiteness, post-reactive dyeing with minimal environmental impacts. Moreover, the new bioscouring process can be exploited this process to produce an eco-friendly knitted cotton products complying with various consumer demands and comply with ecological standards.



PCT

- (22) 16/08/2016
- (21) | 1371/2016
- (44) | February 2019
- (45) 21/05/2016
- (11) 29291

(51)	Int. Cl. 8 A23K 10/28 & C08L 89/00
(71)	1. RANIA HABIB EL-SAID (EGYPT) 2.
	3.
(72)	1. ADEL SAYED AFIFY
(, =)	2. HAZEM MOHAMED MAHMOUD
	3. RANIA HABIB EL-SAID
(73)	1.
	2.
(30)	1,
(50)	2.
	3.
	3.
(74)	
(12)	Patent
/	

(54) AGRICULTURE FERTILIZER PRODUCED FROM THE RECYCLING OF LEATHER WASTE OF LARGE ANIMALS AND A METHOD OF PRODUCTION

Patent Period Started From 16/08/2016 and Will end on 15/08/2036

- (57) This invention is related to the production of agriculture fertilizer from leather waste of large animals, since the fertilizer consists of amino acids + metal elements (cations), which are done in the following manner: alkaline hydrolysis of tanned leather straw (tanned leather waste) with alkali CaO.
 - conversion of amino acids associated with calcium in a complex form in hydrolysate to free amino acids .
 - recovery of free amino acids content by precipitating of calcium ion.
 - many elements (Fe, Zn, Cu, Mn, Mg and Ca) are chelated with the free amino acids present in hydrolysate .
 - purification and drying of formed crystals then used to prepare solutions with different concentrations required .



PCT

- (22) 01/12/2016
- (21) 1966/2016
- (44) February 2019
- (45) 21/05/2016
- (11) 29292

(51)	Int. Cl. 8 Y02E 40/00 & Y02B 20/00
(71)	1. SOLIMAN ASHAM SOLIMAN (EGYPT) 2. 3.
(72)	1. SOLIMAN ASHAM SOLIMAN 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) AN ELECTRIC HOSE WITH A WEDGE Patent Period Started From 01/12/2016 and Will end on 30/11/2036

(57) The current invention relates to adding a wedge on the wall of the electricity hose used in concrete ceilings with 2mm height and 2mm width or height and width suitable for the openings of the electricity boxes in the market during manufacturing along the hose. During the installation of the hose, a part of the wedge is removed after leaving a part in the front, and this part prevents the exit of the hose from the electricity box during the installation of the hose, in addition to the wedge supports and strengthens the hose in cases of bending and prevent suffocation.



PCT

- (22) 12/06/2014
- (21) 0966/2014
- (44) December 2018
- (45) 21/05/2016
- (11) 29293

(51)	Int. Cl. ⁸ G01N 21/35, 1/28	
(71)	1. 3M INNOVATIVE PROPERTIES COMPA 2. 3.	NY
(72)	 BIEGLER, Kristopher K CHANDRASEKARAN, Neelakandan PARISEAU, Timothy P 	4. GORMAN, Michael R
(73)	1. 2.	
(30)	1. (US) 323,980/13 - 13-12-2011 2. (US) 324,130/13-13-12-2011 3. (PCT/US2012/069152) - 12-12-2012	
(74)	Amr Mofed El Deeb	
(12)	Patent	

(54) METHOD OF DETECTING A COMPONENT OF AN ARTICLE AND METHOD OF PREPARING A COMPONENT FOR DETECTION

Patent Period Started From 12/12/2012 and Will end on 11/12/2032

(57) A method of detecting the presence or position of a first component in an article is disclosed. The first component, which has a predefined response to incident light, includes a microporous film of a semi-crystalline polyolefin and a beta-nucleating agent. The method includes irradiating the article with incident light, detecting light received from the irradiated article; and identifying the predefined response of the first component in the light received from the irradiated article to detect the presence or the position of the first component. A method for preparing a mechanical fastening component for use in an article is also disclosed. The method includes stretching a film backing containing beta-spherulites and having upstanding fastening elements to provide a microporous film backing with sufficient porosity to allow it to be detected when subjected to an inspection system comprising a light detector.



PCT

- (22) 13/10/2010
- (21) 1718/2010
- (44) December 2018
- (45) 21/05/2016
- (11) 29294

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(51)	Int. Cl. 8 F03G 6/00
(71)	1. general Electric technology G.M.B.H (UNITED STATES OF AMERICA)
(, =)	2.
	3.
(72)	1. PALKES, Mark
	2.
	3.
(73)	1.
()	2.
(30)	1. (US) 61/045,361 - 16-04-2008
(50)	2. (US) 61/057,360 - 30-05-2008
	3. (US) 12/421,024 – 09-04-2009
	4. (US) 12/421,047 - 09-04-2009
	5. (PCT/US2009/040326) - 13-04-2009
(74)	Amr Mofed El Deeb
(12)	Patent

(54) SOLAR THERMAL POWER PLANT-CENTRALE THERMIQUE A ENERGIE SOLAIRE

Patent Period Started From 13/04/2009 and Will end on 12/04/2029

(57) A solar thermal power plant includes a steam generation portion and a turbine. The steam generation portion includes a steam drum that separates water and steam, and an evaporator 36 and super heater in fluid communication with the steam drum. The evaporator receives and heats a portion of a flow of water from the steam drum to provide the steam using solar energy provided thereto. The super heater 38 heats the steam from the evaporator to provide super heated steam. A turbine receives the super heated steam from the steam generation portion to rotate the turbine. A plurality of extraction stages extracts steam from the turbine and provides the steam to a plurality of feedwater heaters. The feedwater heaters heat the feedwater provided by the turbine, wherein the heated feedwater is provided to the steam generation portion



PCT

- (22) 30/12/2015
- (21) 2070/2015
- (44) December 2018
- (45) 21/05/2016
- (11) 29295

(51)	Int. Cl. 8 F01K 3/18, & F03G 6/06
(71)	 General Electric Technology G.M.B.H (SWITZERLAND) 3.
(72)	 AGA, Vipluv CONTE, Enrico 3.
(73)	1. 2.
(30)	1. (EP) 15/5375502- 04-02-2015 2. 3.
(74)	Amr Mofed El Deeb
(12)	Patent

(54) ELECTRICAL ENERGY STORAGE AND DISCHARGE SYSTEM Patent Period Started From 04/02/2015 and Will end on 03/02/2035

(57) Electrical Energy Storage and Discharge system for storing electrical energy as thermal energy includes a heat pump cycle with first working fluid, a water steam cycle with second working fluid, a first thermal storage system with second thermal fluid, an electrical heater member and a power regulating member, fluidly connected to each other. The system includes fluidly connected first cold and hot storage tanks, and the system includes fluidly connected second cold and hot storage tanks. The electrical heater is operably connected to the system between the tanks. The power regulating member is electrically connected to one or more electrical sources to regulate excess electrical energy, partially, to the electrical heater, and partially, to the heat pump cycle.



PCT

- (22) 27/02/2014
- (21) 0313/2014
- (44) December 2018
- (45) 21/05/2016
- (11) 29296

(51)	Int. Cl. 8 A61F 13/62 & A44B 18/00	
(71)	1. 3M INNOVATIVE PROPERTIES COMPANY (UNITED STATES OF AMERICA) 2. 3.	
(72)	 PARISEAU, Timothy P., ORITANI, Tadato CHANDRASEKARAN, Neelakandan 	4. ZHANG, Zhiqun5. KATOH, Shin6. GORMAN, Michael R
(73)	1. 2.	
(30)	1. (US) 61/535,639 - 16-09-2011 2. (US) 61/654,492 - 01-06-2012 3. (PCT/US2012/055072) - 13-09-2012	
(74)	ABDEL HADY OFFICE	
(12)	UTILTY MODEL	

(54) MECHANICAL FASTENER, FASTENING SYSTEM, AND DISPOSABLE ABSORBENT ARTICLE Patent Period Started From 13/09/2012 and Will end on 12/09/2019

(57) A mechanical fastener is disclosed that includes a thermoplastic backing and multiple, upstanding fastening elements that have a post with a proximal end attached to the thermoplastic backing and a distal end comprising a cap larger in area than a cross-sectional area of the post. The basis weight of the mechanical fastener is in a range from 25 grams per square meter to 75 grams per square meter, and the height of the multiple, upstanding fastening elements is up to 300 micrometers. Fastening systems and disposable absorbent articles including the mechanical fastener are also disclosed.



PCT

- (22) 26/02/2015
- (21) 0303/2015
- (44) December 2018
- (45) 21/05/2016
- (11) 29297

(51)	Int. Cl. 8 C22C 38/00, 38/06, 38/02, 38/12, 38/04, 38/18
(71)	 ILSENBURGER GROBBLECH GMB (GERMANY) 3.
(72)	 SCHAFFNIT, Philippe KLABBERS-HEIMANN, Jürgen KONRAD, Joachim
(73)	1. 2.
(30)	1. (DE) 833.1 018 2012 10 - 14-09-2012 2. (PCT/DE2013/000519) - 28-08-2013 3.
(74)	Amr Mofed El Deeb
(12)	Patent

(54) STEEL ALLOY FOR A LOW-ALLOY, HIGH-STRENGTH STEEL Patent Period Started From 28/08/2013 and Will end on 27/08/2033

(57) The invention relates to a low-alloy, high-strength, carbide-free bainitic steel for producing bands, sheets and tubes having the following chemical composition (in % by weight): 0.10 - 0.70 C; 0.25 - 4.00 Si; 0.05 - 3.00 Al; 1.00 - 3.00 Mn; 0.10 - 2.00 Cr; 0.001 - 0.50 Nb; 0.001 - 0.025 N; max. 0.15 P; max. 0.05 S; remainder iron having steel production-related impurities to one or more elements from Mo, Ni, Co, W, Nb, Ti or V and Zr are optionally added and rare earths provided that in order to avoid primary precipitations of Al the condition Al x N < 5 x 10-3 (% by weight) and in order to suppress cementite formation the condition Si + Al > 4 x C (% by weight) are satisfied.



PCT

- (22) 29/05/2014
- (21) 0875/2014
- (44) December 2018
- (45) 27/05/2016
- (11) 29298

(51)	Int. Cl. ⁸ C01B 3/24, 31/18 & C10J 3/00
(71)	1. CCP TECHNOLOGY GMBH (GERMANY) 2. 3.
(72)	1. KUHL, Olaf; Brandteichstr 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 015 314.7 - 02-08-2012 4. (PCT/EP2012/005309) - 20-12-2012
(74)	ABDEL WAHAB MOUSTAFA KAMAL
(12)	Patent

(54) PROCESS AND SYSTEM FOR CONVERSION OF CARBON DIOXIDE TO CARBON MONOXIDE Patent Period Started From 20/12/2012 and Will end on 19/12/2032

(57) A process and a device for converting carbon dioxide CO₂ to carbon monoxide CO, using hydrocarbons are described. In further details, processes and devices are described for generating synthesis gases and processes and devices are described for converting synthesis gases to synthetic functionalized and/or non-functionalized hydrocarbons, using CO₂ and hydrocarbons. By means of the processes and the devices, carbon dioxide emitted from industrial process can be converted and the amount of carbon dioxide released into the atmosphere can be decreased.



PCT

- (22) 30/08/2016
- (21) | 1456/2016
- (44) January 2019
- (45) 27/05/2016
- (11) 29299

(51)	Int. Cl. ⁸ G01V 1/36, 1/38	
(71)	1. PGS Geophysical AS (NORWAY) 2. 3.	
(72)	 Shaoping Lu Norman Daniel Whitmore Alejandro Antonio Valenciano Mavilio 	4. Nizar Chemingui
(73)	1. 2.	
(30)	1. (US) 62/211.966 - 31-08-2015 2. (US) 15/238.460 - 16-08-2016 3.	
(74)	Nahed Wadih Rizk	
(12)	Patent	

(54) WAVEFIELD INTERPOLATION AND REGULARIZATION IN IMAGING OF MULTIPLE REFLECTION ENERGY

Patent Period Started From 16/08/2016 and Will end on 15/08/2036

Methods and systems of generating seismic images from primaries and multiples are described. Methods separate pressure data into up-going pressure data and down-going pressure data from pressure data and vertical velocity data. Irregularly spaced receiver coordinates of the downgoing and up-going pressure data are regularized to grid points of a migration grid and interpolation is used to fill in down-going and up-going pressure data at grid points of the migration grid. A seismic image is calculated at grid points of the migration grid based on the interpolated and regularized down-going pressure data and the interpolated and regularized up-going pressure data. The seismic images are high-resolution, have lower signal-to-noise ratio than seismic images generated by other methods, and have reduced acquisition artifacts and crosstalk effects.



PCT

- (22) 28/08/2014
- (21) 1365/2014
- (44) | December 2018
- (45) 28/05/2016
- (11) 29300

(51)	Int. Cl. 8 D06F 17/10	
(71)	 Toshiba Lifestyle Products and Service 3. 	es Corporation (JAPAN)
(72)	 UNO, Osamu AKIBA, Daisuke HAYASHI, Miho 	4. KOMATSU, Morimasa 5. HOSOMI, Koichi
(73)	1. 2.	
(30)	1. (JP) 2012-077246 - 29-03-2012 2. (PCT/JP2012/008304) - 26-12-2012 3.	
(74)	NAHID WADI RIZK TARAZI	
(12)	Patent	

(54) WASHING MACHINE Patent Period Started From 26/12/2012 and Will end on 25/12/2032

(57) The washing machine of this embodiment is provided with a washing tub, a pulsator, and a drive device. The pulsator is disposed within the washing tub in the lower part thereof and can be rotationally driven by the drive device. The pulsator has a flat base surface, recesses, and blade ridges. The recesses are formed so as to be arranged in the circumferential direction of the pulsator and recessed from the base surface as a reference. The blade ridges protrude from the bottom surfaces inside the respective recesses.



PCT

- (22) 15/12/2016
- (21) 2034/2016
- (44) January 2019
- (45) 29/05/2016
- (11) | 29301

(51)	Int. Cl. ⁸ H04B 10/07
(71)	1. FIBERHOME TELECOMMUNICATION TECHNOLOGIES CO.,LTD (CHINA) 2. 3.
(72)	1. MENG, Xing 2. AI, Bin 3. CHEN, Zhixin
(73)	1. 2.
(30)	1. (CN) 201510004410.8 - 06-01-2015 2. (PCT/CN2015/093671) - 03-11-2015 3.
(74)	MARLEEN EZZAT SABRE
(12)	Patent

(54) METHOD AND DEVICE FOR DETECTING LINK LOOPBACK OF PON SYSTEM

Patent Period Started From 03/11/2015 and Will end on 02/11/2035

(57) Disclosed are a method and device for detecting link loopback of a PON system. The method comprises: enabling a loopback detection function of a core swap disc, and respectively sending first-level detection messages to all uplink ports and slot ports of all service discs; if the returned first-level detection messages are not received, ending detection; otherwise, confirming that there is loopback in a PON system; if there is loopback between the uplink ports, ending the detection; if there is loopback between the uplink ports and the slot ports or among all the slot ports, enabling loopback detection functions of service cards, each service card respectively sending a second-level detection message to a designated ONU, and if all the service cards do not receive the returned second-level detection message, ending the detection; otherwise, accurately positioning a service card with generated loopback and the designated ONU according to an ONU authorization number carried in the second-level detection message and the slot number of the service card. In the present invention, the implementation process is simple, and a detection result can be reported in time, thereby greatly increasing the efficiency of detecting link loopback of a PON system.



PCT

- (22) 21/11/2016
- (21) 1897/2016
- (44) December 2018
- (45) 29/05/2016
- (11) 29302

(51)	Int. Cl. 8 H04J 14/02
(71)	1. FIBERHOME TELECOMMUNICATION TECHNOLOGIES CO.,LTD (SWITZERLAND 2.) 3.
(72)	 WANG, Suyi HE, Yan
(73)	1. 2.
(30)	1. (SE) 201410233737.8 - 29-05-2014 2. (PCT/CN2015/071916) - 30-01-2015 3.
(74)	MARLEEN EZZAT SABRE
(12)	Patent

(54) WAVELENGTH DIVISION PON SYSTEM BASED OPEN NETWORK ARCHITECTURE AND SIGNAL TRANSMISSION METHOD

Patent Period Started From 30/01/2015 and Will end on 29/01/2035

(57) The invention disclosures a wavelength division PON system based open network architecture and a signal transmission method, which refer to the technical field of optical access of passive optical networks. The network architecture comprises a control unit, a service selection unit, an optical transceiver array unit, a clock unit and several service-side optical modules, wherein the control unit is respectively connected with the service selection unit, the optical transceiver array unit and the clock unit; each of the service-side optical modules is connected with a service providing device; the service selection unit is provided with several service data channels, and each of the service-side optical modules is connected with the optical transceiver array unit through the data channel corresponding to a service thereof; and the optical transceiver array unit is connected with optical modules of all the ORU devices through an AWG. By means of the present invention, various different services can comprehensively access the same optical access infrastructure, thereby completing uplink and downlink signal transmission of the various different services. Not only the service access capability is strong, and the range of application is wide, but also the resource sharing can be achieved, and the usage costs are low.



PCT

- (22) |15/12/2016
- (21) 2033/2016
- (44) January 2019
- (45) 29/05/2019
- (11) 29303

(51)	Int. Cl. ⁸ H04L 12/24
(71)	1. FIBERHOME TELECOMMUNICATION TECHNOLOGIES CO.,LTD (CHINA) 2.
	3.
(72)	1. MENG, Xing
, ,	2. WANG, Rui
	3. WU, Junping
(73)	1.
,	2.
(30)	1. (CN) 201410446278.1 - 03-09-2014
(0 0)	2. (PCT/CN2015/088831) - 02-09-2015
	3.
(74)	MARLEEN EZZAT SABRE
(12)	Patent

(54) SYSTEM AND METHOD FOR IMPLEMENTING CENTRALIZED CONFIGURATION AND MANAGEMENT FOR ONU WIRELESS FUNCTION

Patent Period Started From 02/09/2015 and Will end on 01/09/2035

(57) Disclosed in the present invention are a system and method for implementing centralized configuration and management for an ONU wireless function. The method includes: defining an ME between an OLT and each ONU; the ONU interacts with the OLT by a PLOAM message; the OLT gets the type of each ONU by an OMCI protocol; the OLT configures and manages wireless parameters of the ONU by an OMCI master-slave communication protocol; or the method establishes a TR069 networking channel for communicating with an ACS server by the OMCI protocol; configuration parameter information for the ONU to connect with the ACS server is configured, and the OLT issues the configuration parameter information to the ONU; the ONU establishes an connection with the ACS server; and the ACS server gets and sets the parameter information of the ONU by an RPC method of a TR069 protocol, and implements centralized configuration and management for the wireless functions of all the ONUs. The present invention can effectively solve the centralized configuration and management for the ONU wireless function in a GPON system, and is convenient for people to use.

Arab Republic of Egypt

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



GRANTED PATENTS' ABSTRACTS GAZETTE "PAENTS ISSUED IN JUNE 2019"

Egyptian Patent Office

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(PATENT No. 29331)	(29)
(PATENT No. 29332)	(30)
(PATENT No. 29333)	(31)

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.

President of Patent Office

Dr. Mona M. Yehia

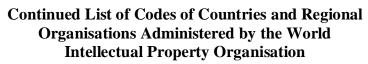
Bibliographic data

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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IE	Ireland



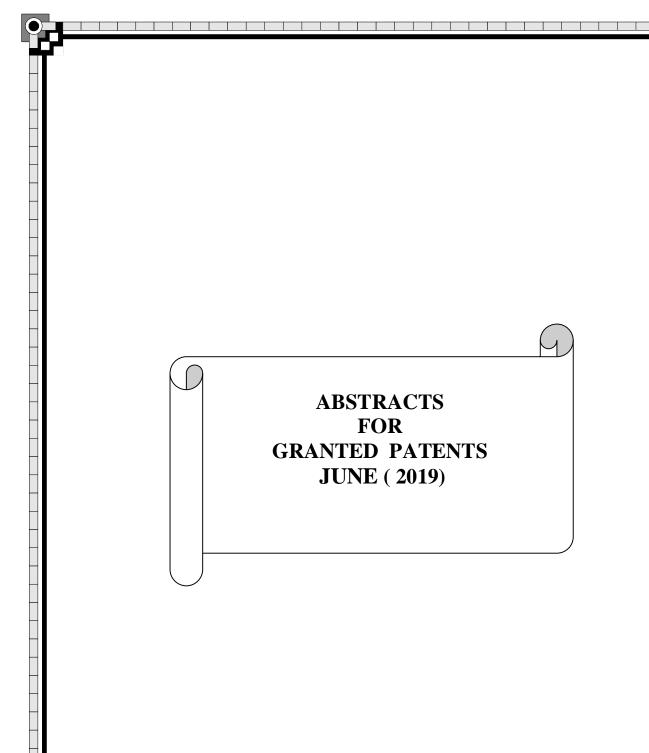
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TR	Turkey
TT	Trindad and Topago
TW	Taiwan
TZ	United Republic of Tanzania
UA	Ukraine
UG	Uganda
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

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





PCT

- (22) 29/08/2016
- (21) | 1451/2016
- (44) August 2109
- (45) 02/06/2019
- (11) 29304

(51)	Int. Cl. 8 C02F 3/00, 3/12, 3/30
(71)	1. XYLEM IP MANAGEMENT S.A.R.L. (SWEDEN) 2.
(72)	3. 1. UBY, Lars 2. 3.
(73)	1. 2.
(30)	1. (SE) 1450237-1 – 04-03-2014 2. (PCT/IB2015/051372) - 24-02-2015 3.
(74)	YOUSSEF M. JOSEPH
(12)	Patent

(54) PLANT AND CONTROL METHOD FOR AEROBIC TREATMENT Patent Period Started From 29/08/2015 and Will end on 28/08/2035

The invention relates to a treatment plant and a method for controlling such a treatment plant suitable for treatment of waste water. The treatment plant comprises a circulation channel adapted to house a liquid, an aeration arrangement adapted to supply a gas flow Q comprising oxygen to the liquid, at least one flow generating machine arranged in the circulation channel and adapted to generate a liquid flow along the circulation channel, and a control unit. The method is characterized by the steps of providing a gas flow Q to the liquid by means of the aeration arrangement, operating the flow generating machine at an operational speed f to generate a liquid flow, measuring at least one process parameter which, directly or indirectly, provide an indication of the oxygen transfer rate to the liquid in the treatment plant, comparing the measured value of said process parameter with a set value, adjusting the oxygen transfer rate to the liquid in the treatment plant if a difference between the measured value of the process parameter and the set value is determined, the oxygen transfer rate of the treatment plant being adjusted by adjusting the gas flow Q provided by the aeration arrangement as well as adjusting the operational speed f of the flow generating machine, in order to guide the value of said process parameter towards said set value.



PCT

- (22) 10/03/2016
- (21) 0425/2016
- (44) | February 2019
- (45) 09/06/2019
- (11) 29305

(51)	Int. Cl. 8 A01D 90/00
(71)	 Lazaros Papadakia (GREECE) 3.
(72)	 Mohamed Hussein Abd el sadek Hussein 3.
(73)	1. 2.
(30)	1. (GR) 20130100533 - 20-09-2013 2. (PCT/ GR2014/000 053) - 17-09-2014 3.
(74)	MOHAMED HUSSEIN ABD EL SADEK HUSSEIN
(12)	Patent

(54) INTEGRATED BANANA TRANSPORT SYSTEM Patent Period Started From 17/09/2014 and Will end on 16/09/2034

(57) Integrated banana transport system from the banana plantation to the retail point of sale. The system consists of twelve bas -kets and a wagon. A bunch of bananas is placed on each basket. The basket can be used at all stages of harvesting, washing, processing, storage, transportation and final disposal. The contact with the bananas, which causes an aesthetic degradation of the product, is minimised. The bunch of bananas is placed on the basket. The upper part of the stalk is nailed on the nail (1) of the hanger (2), while the lower part is placed on the embossed area of the basket's base (3). Beams are placed at the comers of the wagon's base where ihe rack is attached at the desired height. Six baskets are placed at the bottom of the wagon's base and six on the rack. The basket and the wagon can be assembled and disassembled by hand without any need of tools. The disassembled system occupies minimal space, making less expensive the return to the plantation.



PCT

- (22) 08/09/2015
- (21) 1427/2015
- (44) January 2019
- (45) 10/06/2019
- (11) 29306

(51)	Int. Cl. 8 C09K 8/035, 8/50
(71)	1. SUPERIOR GRAPHITE CO (UNITED STATES OF AMERICA) 2. 3.
(72)	 Changjun Zhou David J. Derwin Frank A. Wawrzos
(73)	1. 2.
(30)	1. (US) 13/836,636 - 15-03-2013 2. (PCT/US2014/018656) - 26-02-2014 3.
(74)	GEORGE ISHAQ MINA
(12)	Patent

(54) DRILLING FLUID ADDITIVE FOR LOSS CIRCULATION AND WELLBORE STRENGTHENING

Patent Period Started From 26/02/2014 and Will end on 25/02/2034

(57) This invention relates to A method for controlling the loss of drilling fluid from an oil well borehole into formations penetrated by a drill bit is disclosed by which resilient graphitic carbon particles having a resiliency greater than about 130% rebound after compression to 10,000 psi; a degree of graphitization greater than 85%, as measured by d002 using XRD; an average pore size larger than 0.035 micron; and an aspect ratio smaller than 0.63 are added to the drilling fluid.



PCT

- (22) 30/09/2014
- (21) 1562/2014
- (44) December 2018
- (45) 10/06/2019
- (11) 29307

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(51)	Int. Cl. 8 C08G 63/181 & C09D 167/02 & C08J 5/18 & D01F 6/62
(71)	1. E. I. DU PONT DE NEMOURS AND COMPANY (UNITED STATES OF AMERICA)
(, 1)	2.
	3.
(72)	1. NEDERBERG, Fredrik
(72)	, and the second
	2. RAJAGOPALAN, Bhuma
	3. URADNISHECK, Julius
(73)	1.
(, 0)	2.
(30)	1. (US) 61/618,437 - 30-03-2012
(00)	2. (PCT/US2013/034734) - 30-03-2013
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) POLYESTERS AND ARTICLES MADE THEREFROM Patent Period Started From 30/03/2013 and Will end on 29/03/2033

(57) Disclosed herein are polyesters and articles made therefrom. The article comprising a substrate comprising a first surface and a second surface, the second surface in contact with an outside environment, wherein the substrate comprises a polymer comprising poly (trimethylene furandicarboxylate.



PCT

- (22) 28/09/2015
- (21) 1577/2015
- (44) January 2019
- (45) 10/06/2019
- (11) 29308

(51)	Int. Cl. ⁸ H04J 3/06 & H04W 56/00 & H04B 1/40 & G06F 9/48
(71)	1. THALES (FRANCE) 2. 3.
(72)	 SABIANI, Jean-Julien VOILLEQUIN, Cyril 3.
(73)	1. 2.
(30)	1. (FR) 1300710 - 27-03-2013 2. (PCT/FP2014/056193) – 27-03-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) ARCHITECTURE FOR INTERFACING BETWEEN DIGITAL AND RADIO SUBASSEMBLIES

Patent Period Started From 27/03/2014 and Will end on 6/03/2034

(57) The invention relates to an architecture defining functional and technical perimeters to be complied with between two subassemblies termed "base band" and "radio frequency", and to a generic physical interconnection pattern between base band and radio frequency, which, under nominal operation, does not require physical signals specific to the design of one or other of the base band and radio frequency subassemblies, and which is not associated with a particular physical implementation solution. The architecture according to the invention uses an exchange protocol which travels over the generic interface, meeting the real-time constraints of transmission systems and using a dated-messaging system.



PCT

- (22) 25/06/2016
- (21) 1080/2014
- (44) February 2019
- (45) 12/06/2019
- (11) 29309

(51)	Int. Cl. 8 G01V 1/38
(71)	1. PGS Geophysical AS (NORWAY) 2.
	3.
(72)	1. Martin Widmaier
	2. Anthony James Day
	3. Neil Hugh Richard Turnbull
(73)	1.
(10)	2.
(30)	1. (US) 61/841.639 - 01-07-2013
(00)	2. (US) 14/107823 - 16-12-2013
	3.
(74)	MOHAMED KAMEL MOSTAFA
(12)	Patent

(54) VARIABLE DEPTH MULTICOMPONENT SENSOR STREAMER Patent Period Started From 16/12/2013 and Will end on 15/12/2033

(57) Variable depth multicomponent sensor streamer. At least some of example embodiments are methods including designing a depth profile for first portion of a sensor streamer by determining a first target depth for a first hydrophone-geophone pair, the first hydrophone-geophone pair at a first offset along the sensor streamer, the determining based on a first projected geophone noise floor at the first offset and a first expected spectral notch of a hydrophone of the first hydrophone-geophone pair; and determining a second target depth for a second hydrophone-geophone pair, the second hydrophone-geophone pair at a second offset along the sensor streamer, the second offset greater than the first offset, and determining the second target depth based on a second projected geophone noise floor in the sensor streamer at the second offset and a second expected spectral notch of a hydrophone of the second hydrophone-geophone.



PCT

- (22) 16/11/2016
- (21) | 1882/2016
- (44) December 2018
- (45) 18/06/2019
- (11) 29310

(51)	Int. Cl. 8 H02G 1/08, 1/10, 9/06 & F16L 55/46
(71)	1. Aker Solutions AS (NORWAY) 2. 3.
(72)	 Finn Peter Gjerull Sigvard Omvik Weight of the second of the
(73)	1. 2.
(30)	1. (NO) 20140710 - 05-06-2014 2. (PCT/NO2015/050097) - 01-06-2015 3.
(74)	ABDEL WAHAB MOUSTAFA KAMAL
(12)	Patent

(54) CABLE INSTALLATION TOOL AND METHOD FOR SUCH INSTALLATION

Patent Period Started From 01/06/2015 and Will end on 31/05/2035

(57) An installation tool arrangement to enable installation of a flexible elongated element, such as a conductor, cable, tube or tube bundle, into a pipeline and to extend the flexible elongated element from the surface of the sea to the seabed by the use of a per se known pipeline pigging technique. The tool arrangement includes a first pipe junction tool at the pipeline entrance end for the flexible elongated element, and a second pipe junction tool at the pipeline exit end for the flexible elongated element. The installation tool arrangement includes a leading pig connected to the flexible elongated element to have it advanced through the pipeline toward the seabed by advancing said pig by means of the fluid flowing in the pipeline. (Fig. 1)



PCT

- (22) 28/03/2011
- (21) 0840/2011
- (44) March 2019
- (45) 23/06/2019
- (11) 29311

(51)	Int. Cl. 8 A61K 9/10, 6/033	
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.	
(72)	1. SALSABYL MOHAMED IBRAHIM 4 2. MOHAMED HUSSIEN ZAAZOU 5 3. MOHAMED RADWAN 6	SOLIMAN ALI EL HEMALY
(73)	1. 2.	
(30)	1. 2. 3.	
(74)	FOCAL POINT NATIONAL RESEARCH CENTER	
(12)	Patent	

(54) METHOD OF PREPARING A NANO-METRIC BIO- CEMENT MATERIAL FOR FILLING TEETH ROOT CANALS Patent Period Started From 28/03/2011 and Will end on 27/03/2031

(57) Method of preparing a nano-metric bio- cement material for filling teeth root canals by prepare a calcium phosphate cement to seal root canals from egyptian raw materials. The new calcium phosphate root canal cement was formulated by synthesizing three basic powder constituents; biphasic compound, tribasic calcium phosphate and dicalcium silicate to be mixed with additives; di-basic calcium phosphate, calcium carbonate and bisthmus oxide to formulate the new calcium phosphate root canal powder. This powder was mixed with two solutions; di-sodium hydrogen phosphate and tri-sodium citrate. Physical properties of the synthesized cement pastes were evaluated according to ansi/ada specification no. 57. Calcium ion release, ph changes and adaptation assessment in prepared root canals of extracted teeth obturated using the cement was also carried out.



PCT

- (22) 22/01/2013
- (21) 0116/2013
- (44) March 2019
- (45) 23/06/2019
- (11) 29312

(51)	Int. Cl. 8 Y02E 10/223
(71)	1. MOHAMMED EL-SAYED MUSTAFA NASSAR (EGYPT) 2. 3.
(72)	1. MOHAMMED EL-SAYED MUSTAFA NASSAR 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	Patent

(54) DEVICE FOR GENERATING ELECTRIC ENERGY USING FORCES OF BUOYANCY AND POTENTIAL ENERGY IN AN INTEGRATED MANNER Patent Period Started From 22/01/2013 and Will end on 21/01/2033

(57) This device offers a tool to use the forces of buoyancy and potential energy in an integrated manner in order to generate clean energy. The potential energy arises from the mass of the moving (temporary) loads (such as cars) on the piston (compressor), gravity and the difference in height between the components of the design, and this force will be in the downward direction. As for the buoyant force (lifting force), which arises from the immersion of the floating object in the liquid and it will be in the upward direction and equal to the weight of the liquid displaced by this object. The two forces move the stem between the piston and the body floating up and down, resulting in rotation of the gears mounted on the dentate part of the stem, which in turn transferred the motion to the rotor part connected to the generator convert it to electrical energy.



PCT

- (22) 10/10/2013
- (21) 0588/2013
- (44) March 2019
- (45) 23/06/2019
- (11) 29313

(51)	Int. Cl. ⁸ A01 N 25 /00 , A01 P 5/00, A01N 25/02
(71)	1. ELAHLIA AGRICULTURE DEVELOPMENT CO. (EGYPT)
,	2. HAZEM MOHAMED ELEWA ABDELNABBY (EGYPT)
	3.
(72)	1. HAZEM MOHAMED ELEWA ABDELNABBY
	2.
	3.
(73)	1.
` ′	2.
(30)	1.
	2.
	3.
(74)	MAHMOUD FAROUK MAHMOUD ABDOU HASHEM
(12)	Patent

(54) FORMULATION AGAINST PLANT PARASITIC NEMATODES INCLUDING FURFURAL AND OXAMYL

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

(57) The present invention based on the combination of systemic (oxamyl) and contact (furfural) active ingredients against the plant parasitic nematodes. The resulted mixture was characterized by both effects "systemic and contact". It was also more active and toxic against nematodes than the single effect of each of included compounds. The new mixture exhibited high nematicidal activity against root-knot nematodes with mortality of 100% and 96.6% under greenhouse and field conditions, respectively. Significant reduction of nematodes fecundity and egg hatch were observed due to the application of the combined active ingredients without any harmful effect on the host plant.



PCT

- (22) 16/07/2014
- (21) 1171/2014
- (44) March 2019
- (45) 23/06/2019
- (11) 29314

(51)	Int. Cl. 8 A01K 51/00
(71)	1. AHMAD MOHAMMAD IBRAHEEM ZOHAIRY (EGYPT)
	2. 3.
(72)	1. AHMAD MOHAMMAD IBRAHEEM ZOHAIRY
	2. 3.
(73)	1.
(30)	2. 1.
(30)	2.
	3.
(74)	FOCAL POINT - MANSOURA UNIVERSITY
(12)	Patent

(54) A METHOD OF WAX WORMS CONTROL WITHOUT CHEMICALS WHEN WAXY COMBS STORAGE OF HONEYBEE IN STORE AND WAX WORMS CONTROL WITHOUT POLLUTION IN COLONY

Patent Period Started From 16/07/2014 and Will end on 15/07/2034

(57) The present invention relates to a method of wax worms control without chemicals when waxy combs storge of honeybee in store and wax worms control without pollution in colony First: - Waxy combs Storage: - Waxy combs stored in boxes of ventilation (second floor box), the boxes put on top above, cover with cloth of mosquito net, each column consisting of the number 12 boxes, each a box contains 10 ten waxy combs. On the top placed neon lamp 20 twenty-watt above upper box where placed in diameter AC, then covered with a piece of curtain cloth to prevent the entry of wax worms moths - as well as placed second neon lamp 20 twenty-watt in a box empty bottom column, where placed in diameter BD. This lighting can be inappropriate environment for hatching and growth of wax worms on waxy combs. Second: - Wax worms control in the colony: - Cleans the floor of the hive well, especially during feeding protein and then sprayed with a solution of oxalic acid concentration of 4%, which is the same concentration that is used to the Varroa control - and is considered the treatment of common to Varroa which is sprayed on the combs, and wax worms, which is sprayed on the floor of the hive. Where the oxalic acid is unpolluted and is one from acids which is found in bee honey.



PCT

- (22) 06/01/2015
- (21) 0015/2015
- (44) March 2019
- (45) 23/06/2019
- (11) 29315

(51)	Int. Cl. ⁸ F24J 3/08
(71)	 EGYPTIAN PETROLEUM RESEARCH INSTITUTE (EGYPT) FAWZI ALI AL- AMROUSI ISLAM Fawzi Ali Amrousy
(72)	 FAWZI ALI AL- AMROUSI ISLAM Fawzi Ali Amrousy 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	KHALED ALI ABD ELZAHER
(12)	Patent

(54) A SYSTEM FOR GENERATION OF ELECTRICITY, DESALINATION OF SALT WATER AND EXTRACTION OF ORES FROM THE DEEP HOT AREAS OF THE SEAS AND OCEANS

Patent Period Started From 06/01/2015 and Will end on 05/01/2035

In this invention, a system for generation of electricity, desalination of seawater and extraction of ores from hot areas in the deep sea were reached. The lower part of the system is composed of a fully thermal insulated pipeline, ranging from one kilometer or less to several kilometers. It anchored under a sea floating platform and hanging down to reach the hot areas in the seabed. At the beginning of the system operation, cold water is drawn from the inside of this line by a draw pump which fixed at the surface of the platform. Drawn of cold water is achieved just for one time to be replaced by hot water or dry steam which coming from the hot areas in the deep sea. By then, pipeline will filled with water of less dense than its outside surrounding water. Hence the steam automatically will flow to the top with a high pressure and pass continuously forever through other upper u-shaped pipeline for feeding several stations by hot water and steam. This line installed at the surface of the platform and will rise and return to descend from the sea surface for tens of meters. The beginning of its rising part is connected with a steam station, laced on the surface of the platform, for generating electricity. The descend part of the line is attached with several stations carried on many floors which built on top of each other on the surface of the floating stage. Overhead a desalination plant, below, a water station for generating electricity, finally, in the bottom, a basin was erected on the surface of the platform to collect water falling from the line and leave , for settling the suspended sediments to get dust of minerals. If the sea surface salinity is different from that of the deep water, or sea water was polluted by toxic gases or traces of heavy metals then the lower pipeline of the system must be replaced by other a u-shaped line. The first half of this line thermally insulated other half will have a good thermal conductivity. In this case the system is used for generating electricity only via water falling method.



PCT

- (22) 04/10/2015
- (21) 1600/2015
- (44) March 2019
- (45) 23/06/2019
- (11) 29316

(51)	Int. Cl. 8 C02F 1/54, 101/32, 5/12, 103/08 & C08G 73/02
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)
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	3.
(72)	1. NOURELHODA ABBAS MOHAMMED IBRAHIM ABDELWAHAB
()	2. MAHMOUD AHMED ABD EL-GHAFFAR.
	3.
(73)	1.
(-)	2.
(30)	1.
()	2.
	3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED,
(12)	Patent

(54) METHOD FOR PREPARATION OF HIGHLY EFFICIENT MAGNETIC POLYANILINE NANOCOMPOSITE FOR FAST SEPARATION OF OIL FROM SEAWATER Patent Period Started From 04/10/2015 and Will end on 03/10/2035

(57) This method relates to preparation of highly hydrophobic and oleophilic magnetic polyaniline nanocomposite by insitu emulsion polymerization of aniline in the presence of magnetic carbon nanocomposite using ammonium persulphate initiator. magnetic polyaniline as The nanocomposite was investigated for oil removal from artificial sea water. The removal of oil was carried out by magnetic separation and achieved fast and efficient removal of oil (adsorption capacity 151.34 g/g) at pH 2-4, time 5-10 minutes at 40-70 oC. Also, the nanocomposite can be reused for ten cycles retaining about 90% of its initial efficiency for removal of oil.



PCT

- (22) 20/10/2015
- (21) 1691/2015
- (44) March 2019
- (45) 23/06/2019
- (11) 29317

(51)	Int. Cl. 8 F16H 61/32, 61/04, 61/16
(71)	1. AHMED MOHAMED AHMED SALAMA (EGYPT)
	2. 3.
(72)	1. AHMED MOHAMED AHMED SALAMA
	2.
(72)	3. 1.
(73)	2.
(30)	1.
	2.
	3.
(74)	
(12)	Patent

(54) A DEVICE TO CHANGE MANUAL CAR TRANSMISSION TO AUTOMATIC Patent Paris d Started From 20/10/2015 and Will and an 10/10/2025

Patent Period Started From 20/10/2015 and Will end on 19/10/2035

(57) A device to change car's manual transmissions into automatic electronically it consists of apparatus to control the clutch xy actuator to control the manual transmission arm automatic selection arm to control xy actuator, the device can be installed in any manual car to change it to automatic and can be uninstalled to make the car manual again .



PCT

- (22) 24/11/2015
- (21) 1855/2015
- (44) March 2019
- (45) 23/06/2019
- (11) 29318

(51)	Int. Cl. ⁸ C12N 9/70	
(71)	1. SCIENCE & TECHNOLOGY DEVELOPMENT FUND (EGYPT) 2. 3.	
(72)	 NABEL ABDALBASET EBRAHEM MOHAMED SAID ABDEL-AZIZ MOHAMED MAHMOD HASHEM 	4. BASMA MOHAMMED EID 5. SAFAA ESSAM ABDELAH
(73)	1. 2.	
(30)	1. 2. 3.	
(74)	MARWA ALAA EL DIN MOHAMED ABDEL-MEGUID	
(12)	Patent	

(54) METHOD FOR BIO-TREATMENT OF COTTON KNITTED FABRICS Patent Period Started From 24/11/2015 and Will end on 23/11/2035

(57) The present invention discloses bio-treatment of knitted cotton fabrics for enhancing their softness and for washing of denim fabrics using eco-friendly biomaterial based on cellulases enzyme during the final finishing processes. Optimal treatment conditions at bench and semi-industrial scales were investigated. The utilized finishing method formulations and conditions can be easily adapted on full industrial scale with the available equipment.



PCT

- (22) 28/12/2015
- (21) 20152051
- (44) March 2019
- (45) 23/06/2019
- (11) 29319

(51)	Int. Cl. 8 E02B 3/04, 3/06
(71)	1. ASHRAF MEDHAT IBRAHEEM SABRI (EGYPT)
	2. 3.
(72)	1. ASHRAF MEDHAT IBRAHEEM SABRI
	2. 3.
(73)	1.
(30)	2. 1.
(50)	2.
(74)	3.
(12)	Patent
(12)	Patent

Sheets of plastics act as wave breakers to protect shores against high waves and its Environmental friend

Patent Period Started From 28/12/2015 and Will end on 27/12/2035

(57)Attach sheets made of malleable plastics to heavy metal Anchor and Metal bases on the floor of the sea of the beach, it's filled with air and pieces of feline to keep these sheets well erected in the sea, then it reach the surface of the sea to extend for two meters on the surface.

These sheets of plastics stand in rows one beside the other for 100 of meters and can be in several rows parallel to act as wave breaker to prevent the high waves from reaching the shore with its full force and break it to weaken it, its friend of environment and its put away of the shore by around fifty to hundred meters or according to the study of the current of the shore to protect the beach from high waves and transfer the beach behind the sheets to the shore into a quite lack which help to put Jetties and agua sports equipment and transfer the beach to touristic beach.

These sheets can be used also around oil rigs in the sea to be put at depth of 20 meters to form sheet protector against oil spills, to prevent the oil spill to go out the sheets and spread in the sea, till the time they can absorb these oil spill through the scientific methods...



PCT

- (22) 31/01/2016
- (21) 0152/2016
- (44) March 2019
- (45) 23/06/2019
- (11) 29320

(=4)	1 4 01 8 010 1 70 4
(51)	Int. Cl. 8 C12N 5/04
(71)	1. SCIENCE AND TECHNOLOGY DEVELOPMENT FUND (STDF) (EGYPT)
()	2.
	3.
(72)	1. Prof.Dr.Ahmed Ibrahem Waly
()	2. Prof.Dr. Mohamed Farouk El-Karamany
	3. Dr. Bakry Ahmed Bakry
	4. Dr. Sayed Ali Mohamed
(73)	1.
(-)	2.
(30)	1.
(30)	2.
	3.
(74)	
(12)	Patent

(54) MEDIA FROM HYDROGEL FOR TISSUE CULTURE AND ITS PRODUCTION METHOD

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

(57) This patent relating to tissue culture media from hydrogel to replacement of agar complete or partial with hydrogell proliferation stage through vegetative growth to ananas comosus Cv. Smooth cayenne and rooting stage through production of water super absorbent hydrogel base on graft copolymerization of acrylamide onto prepared starch phosphate followed by hydrolysis using KOH to obtain grafted starch phosphate with acrylic acid - acrylamide copolymers the carboxylic group was converter to potassium and ammonium salts. Thus the obtained hydrogel contains the required NPK its helping in growth of explant in tissue culture.



PCT

- (22) 22/04/2013
- (21) 0695/2013
- (44) January 2019
- (45) 24/06/2019
- (11) | 29321

(51)	Int. Cl. 8 H04W 12/06& H04M 1/66, 12/08 & G06F 21/00 & H04L 9/32, 29/06
(71)	1. FRANCE TELECOM (FERNC)
` ′	2.
	3.
(72)	1. SAINO, Lorenzo
(, -)	2. LE SAUX, Louis-Marie
	3.
(73)	1.
	2.
(30)	1. (EP) 10306195.8 - 29-10-2010
()	2. (PCT/EP2011/068456) - 21-10-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DATA PROCESSING FOR SECURING LOCAL RESOURCES IN A MOBILE DEVICE

Patent Period Started From 21/10/2011 and Will end on 20/10/2031

- (57) Method of data processing for securing local resources in a mobile device, the method comprising:
 - a) when network connectivity is available: coupling the mobile device with a first identity module associated to a first International Mobile Subscriber Identity (IMSI), receiving in the first identity module a network challenge from a communication network, ciphering the network challenge using a secret key, and sending a corresponding response to the network for subsequent successful authentication,
 - b) after a successful authentication to the communication network: associating at least a part of the local resources to the first IMSI, and storing, in a database of the mobile device, authentication data related to the challenge/response duplet, granting access to local resources associated to the first IMSI,
 - c) when network connectivity is not available: coupling the mobile device with a second identity module associated to a second IMSI, sending a challenge to the second identity module, said challenge being determined from the authentication data stored in the database, receiving a response from the second identity module, comparing the response received with the stored authentication data, and granting access to local resources associated to the second IMSI if the response received from the second identity module matches a response associated to the sent challenge in the database.



PCT

- (22) 04/01/2015
- (21) 0010/2015
- (44) February 2019
- (45) 24/06/2019
- (11) 29322

(51)	Int. Cl. 8 C02F 3/30
(71)	 LI, Jinmin (CHINA) ZHOU, Liankui (CHINA) LI, Dayong (CHINA)
(72)	1. LI, Jinmin 2. ZHOU, Liankui 3. LI, Dayong
(73)	1. 2.
(30)	1. (CN) 201220327781.1 - 06-07-2012 2. (CN) 201310049695.8 - 07-02-2013 3. (CN) 201310049813.5 - 07-02-2013 4. (PCT/CN2013/078850) - 05-07-2013
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) APPARATUS AND METHOD FOR BIOLOGICAL SEWAGE TREATMENT Patent Period Started From 05/07/2013 and Will end on 04/07/2033

(57) An apparatus comprises a concentrated mixed liquor driving device which uses a gas for driving the concentrated liquor to flow The gas can be an oxygen-containing gas, especially an oxygen-containing aeration gas after aeration treatment. Also provided is a method for biological sewage treatment, which comprises a step of using the gas for driving the concentrated mixed liquor to flow.



PCT

- (22) 12/12/2016
- (21) 2014/2016
- (44) | February 2019
- (45) 24/06/2019
- (11) 29323

(51)	Int. Cl. 8 F28F 3/04, 3/08, 9/02, 9/00
(71)	1. ALFA LAVAL CORPORATE AB (SWEDEN) 2. 3.
(72)	1. BLOMGREN, Fredrik 2. 3.
(73)	1. 2.
(30)	1. (EP) 14172928.5 - 18-06-2014 2. (PCT/EP2015/061245) - 21-05-2015 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) HEAT TRANSFER PLATE AND PLATE HEAT EXCHANGER COMPRISING SUCH A HEAT TRANSFER PLATE

Patent Period Started From 21/05/2015 and Will end on 20/05/2035

A heat transfer plate and a plate heat exchanger comprising such a heat transfer plate is provided. The heat transfer plate has a first long side and second long side and comprises a distribution area, a transition area and a heat transfer area. The transition area adjoins the distribution area along a first borderline and the heat transfer area along a second borderline, and it is provided with a transition pattern comprising transition projections and transition depressions. Further, the transition area comprises a first sub area, a second sub area and a third sub area arranged in succession between the first and second border lines. An imaginary straight line extends between two end points of each transition projection with a smallest angle α n, n = 1, 2, 3... In relation to a longitudinal center axis (y) of the heat transfer plate. The smallest angle α n for at least a main part of the transition projections within the first sub area is essentially equal to a first angle α 1. The smallest angle? n is varying between the transition projections within the second sub area such that the smallest angle α n for at least a main part of the transition projections within the second sub area is larger than said first angle α 1 and increasing in a direction from the first long side to the second long side. The heat transfer plate is characterized in that at least a main part of the second borderline is straight and essentially perpendicular to the longitudinal center axis (y) of the heat transfer plate. Further, the smallest angleα n for a first set of the transition projections within the third sub area is essentially equal to said first angle α 1.



PCT

- (22) 19/06/2012
- (21) 1140/2012
- (44) | February 2019
- (45) 24/06/2019
- (11) 29324

(51)	Int. Cl. 8 B41F 13/00, 9/02, 31/00
(71)	1. KBA-NotaSys SA (SWITZERLAND) 2.
	3.
(72)	1. SCHWITZKY, Volkmar, Rolf
	2. SCHAEDE, Johannes, Georg
	3.
(73)	1.
	2.
(30)	1. (EP) 09180318.9 – 22-12-2009
	2. (PCT/IB2010/055942) - 20-12-2010
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) INTAGLIO PRINTING PRESS WITH INK-COLLECTING CYLINDER Patent Period Started From 20/12/2010 and Will end on 19/12/2030

- (57) There is described an intaglio printing press comprising
 - (i) a stationary machine frame supporting an intaglio printing cylinder and an impression cylinder contacting the intaglio printing cylinder , and
 - (ii) an inking system for inking the intaglio printing cylinder), which inking system comprises an ink-collecting cylinder designed to contact the intaglio printing cylinder and at least one inking device for supplying ink to said ink-collecting cylinder. The intaglio printing press further comprises a driving system for rotating the ink-collecting cylinder independently of the intaglio printing cylinder and the impression cylinder at least during maintenance operations.



PCT

- (22) 22/02/2016
- (21) 0279/2016
- (44) March 2019
- (45) 24/06/2019
- (11) 29325

(51)	Int. Cl. 8 B01J 8/00 & B01F 1/00	
(71)	1. JOINT STOCK COMPANY "A.K.M. E-ENGINEERING (RUSSIAN FEDERATION) 2. 3.	
(72)	 MARTYNOV, Petr Nikiforovich ASKHADULLIN, Radomir Shamilievich SIMAKOV, Andrey Alekseevich 	4. LEGKIKH, Aleksandr Urievich
(73)	1. 2.	
(30)	1. (RU) 2013139258 - 26-08-2013 2. (PCT/RU2014/000282) - 18-04-2014 3.	
(74)	AMR IBRAHIM ABDALLAH SALEM	
(12)	Patent	

(54) MASS TRANSFER APPARATUS Patent Period Started From 18/04/2014 and Will end on 17/04/2034

(57) The invention relates to energy mechanical engineering and can be used in power installations involving a liquid-metal heat carrier. A mass transfer apparatus including a housing and, provided therein, a flow reaction chamber filled with a solid-phase granulated oxidation agent, and an electric heater positioned in the reaction chamber. The housing of the apparatus is equipped with a repository for reserves of the solid-state granulated oxidation agent, said repository being located below the reaction chamber and being made in the form of a cup having a bottom, said cup being connected to the re-action chamber. The technical result consists in extending the operational dura-tion of the mass transfer apparatus.



PCT

- (22) 21/03/2012
- (21) 0492/2012
- (44) January 2019
- (45) 24/06/2019
- (11) 29326

(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. 2.
(30)	1. (IN) 1965/ DEL / 2009 - 22-09-2009 2. (PCT/IB2010/052034) - 07-05-2010 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) CATHETER APPARATUS Patent Period Started From 07/05/2010 and Will end on 06/05/2030

(57) A catheter apparatus, including a catheter tube); a catheter hub; a needle having a needle tip, a needle shaft and a needle hub, wherein said needle shaft has a distal section and a proximal section, with at least the proximal section having a principal outer profile; and a needle guard including a base portion made of a first material and having a needle passage extending in an axial direction (a) from a proximal side of said base portion through said base portion to a distal side of said base portion for movably receiving said needle shaft; first and second arms extending substantially in said axial direction (a) from said distal side of said base portion, wherein said first arm has a distal region and a proximal region; and a distal wall transversely arranged at said distal region of said first arm; characterized in that a stopping element made of a second material different from said first material is arranged in said needle guard and has a through-bore with a profile that is adapted to the principal outer profile of the needle shaft; and said needle shaft has an enlargement between said distal section and said proximal section, said enlargement having an increased outer profile a dimension of which is larger than a maximum dimension of the profile of the needle passage and/or the stopping element.



PCT

- (22) 13/10/2010
- (21) | 1721/2010
- (44) January 2019
- (45) 24/06/2019
- (11) 29327

(51)	Int. Cl. 8 F03C 6/00 & F22B 1/00 & F24J 2/00	
, ,		
(71)	1. GENERAL ELECTRIC TECHNOLOGY G.M.B.H (UNITED STATES OF AMERICA)	
()	2.	
	3.	
(72)	1. TEIGEN, Bard	
(, -)	2. PALKES, Mark	
	3. GEKOLA GLEEN DE	
(73)	1.	
(, 0)	2.	
(30)	1. (US) 61/045,361 - 16-04-2008	
(00)	2. (US) 61/059,080 - 05-06-2008	
	3. (US) 12/421,047 - 09-04-2009	
	4. (US) 12/421,060- 09-04-2009	
	5. (PCT/US2009/040338) - 13-04-2009	
(74)	Amr Mofed El Deeb	
(12)	Patent	

(54) CONTINUOUS MOVING BED SOLAR STEAM GENERATION SYSTEM-SYSTEME DE GENERATION DE VAPEUR A L''AIDE DE L''ENERGIE SOLAIRE A LIT MOBILE CONTINU Patent Period Started From 13/04/2009 and Will end on 12/04/2029

(57) A continuous moving bed solar steam generation and storage system is provided to generate steam for production processes after loss or reduction of received solar energy. The system includes a receiver that receives a flowing stream of particulate material that absorbs solar radiant energy as it passes through beams of the energy received from collectors. The heated stream of material passes into a first chamber to heat a tube bundle therein. Heat from the particulate material is transferred to the bundle, evaporating the water to generate, reheat (RH) and/or superheat (SH) steam. The cooled material passes to a second chamber. The material is drained from the second chamber and carried to a cyclone in the receiver. The material drains from the cyclone to complete the flow cycle.



PCT

- (22) 21/06/2015
- (21) 1034/2015
- (44) January 2019
- (45) 24/06/2019
- (11) 29328

(51)	Int. Cl. 8 B01D 17/02 & B04C 5/04, 5/30
(71)	1. NATIONAL OILWELL VARCO, LP (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. WOLF, Mark E
, ,	2.
	3.
(73)	1.
	2.
(30)	1. (US) 724,833 /13 – 21-12-2012
(30)	2. (PCT/EP2013/077355) - 19-12-2013
	3.
(74)	Amr Mofed El Deeb
(12)	Patent

(54) A FLUID TREATMENT SYSTEM, A FLUID PROCESSING APPARATUS AND A METHOD OF TREATING A MIXTURE Patent Period Started From 19/12/2013 and Will end on 18/12/2033

(57) A fluid treatment system, a fluid processing apparatus and a method of treating a mixture are provided in which separator has two outlets for different components of mixed fluid. A conduit connecting one of the outlets of the separator of the inlet of the separator is provided to recycle fluid from an outlet of the fluid flow through the inlet and a pump at the inlet of the separator the fluid flow through the separator at a constant rate. As a result, the flow rate through the separator is increased, which increases the separation efficiency of the separation system. The conduit also functions as a bypass line should the flow of fluid be obstructed through the separator. The conduit preferably be operated in conjunction with an energy harvester.



PCT

- (22) 28/11/2013
- (21) 1829/2016
- (44) | January 2019
- (45) 24/06/2019
- (11) 29329

(54)	POSITIONING DEVICE FOR POSITIONING OF LOOPS FOR	
	SEWING SAID LOOPS AND SEWING MACHINE COMPRISING	
	SAID DEVICE	

Patent Period Started From 07/12/2012 and Will end on 06/12/2032

(57) The present invention refers to a positioning device and to a sewing machine comprising said device, to appropriately arrange and position a loop on a garment during processing.



PCT

- (22) 31/03/2015
- (21) 0484/2015
- (44) December 2018
- (45) 24/06/2019
- (11) 29330

(51)	Int. Cl. 8 C08L 23/08, 23/00 & A01G 25/02	
(71)	1. BOREALIS AG (AUSTRIA) 2. ABU DHABI POLYMERS CO LTD (BOROUGE) (UNITED ARAB EMAIRATES) 3.	
(72)	 MOTHA, Kshama NILSSON, Anette NIKHADE, Prashant 	4. DASGUPTA, Chanchal 5. ASTING, Johan
(73)	1. 2.	
(30)	1. (EP) 12007620.3 - 09-11-2012 2. (PCT/EP2013/003352) - 07-11-2013 3.	
(74)	Amr Mofed El Deeb	
(12)	Patent	

(54) DRIP IRRIGATION PIPE COMPRISING A POLYMER COMPOSITION COMPRISING A MULTIMODAL POLYETHYLENE BASE RESIN Patent Period Started From 07/11/2013 and Will end on 06/11/2033

(57) Drip irrigation pipe provided with perforations in the pipe wall for discharging water, which perforations are arranged at intervals along the length of the pipe, wherein the pipe comprises a polymer composition as defined in claims, a process for producing said pipe, pellets of said polymer composition and the use of said polymer composition for producing a drip irrigation pipe.



PCT

- (22) 06/06/2013
- (21) | 0977/2016
- (44) January 2019
- (45) 26/06/2019
- (11) 29331

(51)	Int. Cl. 8 G01V 1/02
(71)	1. BP CORPORATION NORTH AMERICA INC (UNITED STATES OF AMERICA) 2. 3.
(72)	 ROSS, Allan, A. ABMA, Raymond .
(73)	1. 2.
(30)	1. (US) 61/421,274 - 09-12-2010 2. (US) 61/503,407 - 30-06-2011 3. (PCT/US2011/064144) - 09-12-2011
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) SEISMIC ACQUISITION METHOD AND SYSTEM Patent Period Started From 09/12/2011 and Will end on 08/12/2031

A method of seismic acquising comprising: positioning a first seismic source array comprising a plurality of seismic sources over a seismic survey region, the seismic source array generating an output amplitude; activating the first seismic source array according to one of a plurality of different firing patterns so as to generate a plurality of seismic signals, the firing patterns comprising a plurality of different time intervals between the activation of each seismic source within the first seismic source array, wherein each firing pattern is optimized so as to minimize the output amplitude and to create notches across a frequency spectrum of each firing pattern, recording a plurality of seismic signals reflected from one or more subterranean formation; and processing the plurality of seismic signals to solve an acquired dataset from recording the plurality of seismic signals in step (c) as being approximately equal to the product of a desired dataset, a convolution operator chosen such that the notches correspond to a null space of the convolution operator, and an operator that ensures that the desired dataset is apatially continuous.



PCT

(22) 07/06/2016

(21) | 0959/2016

(44) January 2019

(45) 26/06/2019

(11) 29332

(51)	Int. Cl. 8 A01N 39/04	
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.	
(72)	 MANN, Richard K. PETERSON, Mark WRIGHT, Terry R. 	4. MCMASTER, Steve 5. SORRIBAS AMELA, Monica
(73)	1. 2.	
(30)	1. (US) 61/914,177 - 10-12-2013 2. (US) 61/914,195 - 10-12-2013 3. (PCT/US2014/069229) - 09-12-2014	
(74)	ABD ELHADY INTELLECTUAL PROPERTY	
(12)	Patent	

(54) A METHOD FOR CONTROLLING UNDESIRABLE VEGETATION AND IMPROVING CROP TOLERANCE Patent Period Started From 09/12/2014 and Will end on 08/12/2034

(57) Provided herein are herbicidal compositions comprising a mixture comprising (a) a choline salt of 2,4-dichlorophenoxyacetic acid (2,4-d-choline) and (b) a salt of 2-amino-4-(hydroxymethylphosphinyl) butanoic acid (glufosinate). The compositions provide synergistic weed control of undesirable vegetation and improved crop tolerance in 2, 4-d- and glufosinate-tolerant soybeans, corn, or cotton. The compositions also provide synergistic weed control of undesirable vegetation in areas including, but not limited to, non-crop, perennial crop, fruiting crop, and plantation crop areas.



PCT

- (22) 24/08/2016
- (21) 1417/2016
- (44) January 2019
- (45) 26/06/2019
- (11) 29333

(51)	Int. Cl. 8 B66C 1/66
(51)	III. Ci. B00C 1/00
(71)	1. INDUSTRIA ALGECIRE?A DE MECANIZADO Y REPARACIONES, S.L (SPAIN)
	2.
	3.
(72)	1. ILLANA MARTOS, Antonio
(, -)	2. BLANCO SALAS, José Maria
	3.
(73)	1.
(,,,	2.
(30)	1. (ES) P201400172 - 27-02-2014
(50)	2. (PCT/ES2015/000019) - 06-02-2015
	3.
(74)	SMAS INTELLECTUAL PROPERTY
(12)	Patent

(54) ELASTIC FINS FOR CONTAINER COUPLING ELEMENTS Patent Period Started From 06/02/2015 and Will end on 05/02/2035

(57) Unlike the positioning flippers commonly used for this application, which are rigid elements, the flippers object of the present invention consist of a new type of flippers which operate as a rigid assembly in the usual operation thereof, but which elastically yield against impacts and overloads, recovering the usual operation afterwards. This flexibility is achieved by means of two ways, which exclusively affect the flipper itself, not the connection thereof with the spreader or the possible driving system thereof. Mainly: use of elastic materials and use of geometries which are stable against service loads but are readily deformed against impacts.

Arab Republic of Egypt

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



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN JULY 2019"

Egyptian Patent Office

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(PATENT No. 29367)	(35)

(PATENT No. 29368)	(36)
(PATENT No. 29369)	(37)
(PATENT No. 29370)	(38)

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.

President of Patent Office

Dr. Mona M. Yehia

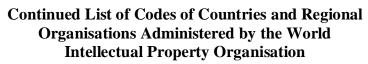
Bibliographic data

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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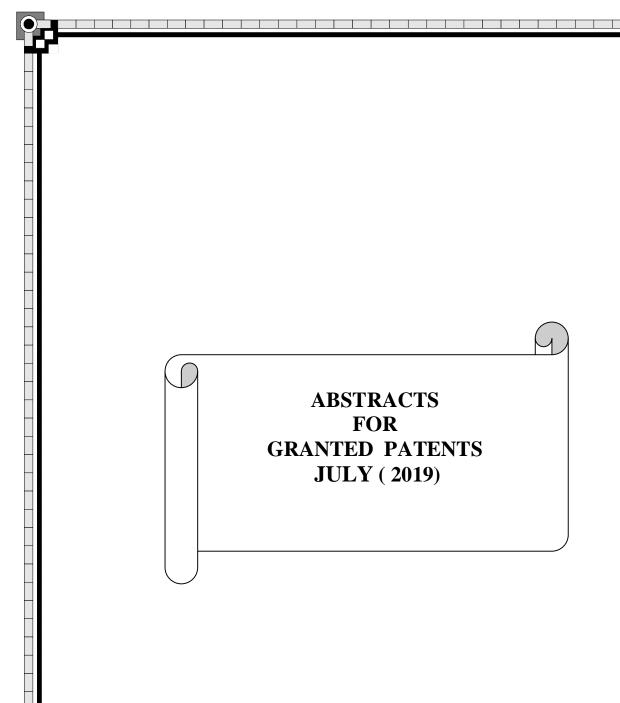
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KZ	Kozakhstan
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UY	Uruguay
UZ	Uzbekistan
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VE	Venezuela
VN	Viet Nam
YD	Yemen
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe





PCT

- (22) 22/11/2011
- (21) 1970/2011
- (44) | February 2019
- (45) 01/07/2019
- (11) 29334

(51)	Int. Cl. ⁸ B60M 1/20
(71)	1. SATFERR S.R. I. (ITALY) 2. GCF - GENERALE COSTRUZIONI FERROVIARIE S.P.A (ITALY)
	3. BONOMI EUGENIO S.P.A. (ITALY)
(72)	 PORRECA, Matteo PASTA, Mario
	3.
(73)	1. 2.
(30)	1. (IT) BS2009A000092 - 25-05-2009 2. (PCT/IB2010/052296) - 25-05-2010 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) CANTILEVER FOR SUPPORTING LIVE CABLES OF RAILWAY, TROLLEY AND SUBWAY LINES

Patent Period Started From 25/05/2010 and Will end on 24/05/2030

(57) A cross arm for supporting live railway, trolley and subway lines comprising a cross-member fitted with means of connection to an associable support structure, at least a first electric insulator joined to the cross-member and able to support a first live electric cable, electrically insulating it from said cross-member. Advantageously, the cross-member comprises a body having a mainly longitudinal (X-X) extension and at least a first attachment portion fitted with a 'U' shaped profile able to form a shaped coupling with said first electric insulator. The first attachment portion defines a first seat for the continuous adjustment of the longitudinal position of the electric insulator along the cross-member itself.



PCT

- (22) 28/09/2009
- (21) 1970/2011
- (44) January 2019
- (45) 01/07/2019
- (11) 29335

(51)	Int. Cl. 8 A61K 31/444, 47/26, 47/32, 47/30	6, 47/38, 9/32, 9/36 &A61P 7/02
(71)	1. DAIICHI SANKYO COMPANY, LIMITED (JAPAN) 2. 3.	
(72)	 KOJIMA, Masazumi KUNO, Yoshio NAKAGAMI, Hiroaki 	4. SAGASAKI, Shinji 5. ISHIDOH, Koichi 6. SEKIGUCHI, Gaku
(73)	1. 2.	
(30)	1. (JP) 2007-087327 - 29-03-2007 2. (PCT/JP2008/000791) - 28-03-2008 3.	
(74)	MAHMOUD RAGAEY ELDEKY	
(12)	Patent	

(54) PHARMACEUTICAL COMPOSITIONS OF TETRAHYDRO-THIAZOLO PYRIDINE DERIVATIVES OF IMPROVED DISSOLUTION

Patent Period Started From 28/03/2008 and Will end on 27/03/2028

- (57) The invention provides pharmaceutical compositions of tetrahydro-thiazolo pyridine derivatives of improved dissolution. The pharmaceutical composition is characterized by a coated tablet, wherein the coated tablet is a tablet coated with one coating agent selected from the group consisting of hypermellose, ethyl cellulose, hydroxypropyl cellulose and polyvinyl alcohol, wherein the tablet comprises
 - $(A) \ N1-(5-chloropyridin-2-yl)-N2-((1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-\{[(5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridine-2-yl)carbonyl]amino\} cyclohexyl)ethanediamide, represented by formula(1): ,$
 - (B) a pharmacologicallyb acceptable salt thereof, or hydrate of any of these, and (B) a sugar alcohol and
 - (C) a water-swelling additive, wherein the sugar alcohol is mannitol and the water-swelling additive is pregelatinized starch or crystalline cellulose.

$$H_{3}C-N \longrightarrow N \xrightarrow{E} E \xrightarrow{E} K \xrightarrow$$



PCT

- (22) 29/05/2012
- (21) | 0962/2012
- (44) March 2019
- (45) 01/07/2019
- (11) 29336

(51)	Int. Cl. 8 F02D 19/06
(71)	 CHONGQING LIFAN EFI SOFTWARE CO., LTD (CHINA) 3.
(72)	1. LUO, YONGGUO 2. 3.
(73)	1. 2.
(30)	1. (CN) 201110007223.7 - 14-01-2011 2. (PCT/CN2011/075945) - 20-06-2011 3.
(74)	YOUSSEF MOHAMMED HAFEZ
(12)	Patent

(54) METHOD FOR SYNCHRONOUS CONTROL OF FUEL SWITCHING IN GASOLINE-GAS DUAL-FUEL VEHICLE Patent Period Started From 20/06/2011 and Will end on 19/06/2031

(57) A method for synchronous control of fuel switching in a gasoline-gas dualfuel vehicle is provided, including: starting an electronic fuel injection system when the vehicle is started up; judging, by a Compressed Natural Gas (CNG) controller, whether or not a switching condition is met; and if not, continuing the judging; if the switching condition is met, performing sequential fuel switching of an engine by the CNG controller in the order of cylinder 1, cylinder 3, cylinder 4 and cylinder 2: firstly switching the fuel of cylinder 1, then switching the fuel of cylinder 3 after X1 cycles of cylinder 1, then switching the fuel of cylinder 4 after X3 cycles of cylinder 3, and finally switching the fuel of cylinder 2 after X4 cycles of cylinder 4, wherein X1, X3 and X4 are adjustable parameters; and ending. The method can realize synchronous switching between fuel injection modes, ensure the operating of the engine remains stable and prevent stalling of the engine well while the vehicle is switched from a gasoline-powered mode to a gas-powered mode or from a gas-powered mode to a gasolinepowered mode, thus improving performance and comfortableness of the vehicle.



PCT

- (22) 03/04/2016
- (21) 0571/2016
- (44) January 2019
- (45) 01/07/2019
- (11) 29337

(51)	Int. Cl. 8 H05K 7/14 & H02B 13/00
(71)	1. ECM S.P.A. (ITALY)
	2. 3.
(72)	1. SANTI, Alessandro
	2. 3.
(73)	1. 2.
(30)	1. (IT) RM2013A000540 - 04-10-2013
	2. (PCT/IT2014/000252) - 19-09-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PERIPHERAL CONTROL POST OF RAILWAY FIELD DEVICES AND INSTALLATION METHOD OF SAID PERIPHERAL POST Patent Period Started From 19/09/2014 and Will end on 18/09/2034

(57) There is described a peripheral post of railway field devices, comprising: a plurality of control modules operatively connected or connectable by electric cables to respective railway field devices; - a rack housing said plurality of control modules. The peripheral post is characterised in that said rack comprises: - a wiring frame adapted to be permanently attached to a support surface or to an installation wall, comprising a front side and an opposite rear side and comprising on the rear side first connectors adapted to be electrically connected to end portions of said cables; - a support and containment frame of the modules adapted to house said modules and adapted to be coupled to the wiring frame by drawing said support and containment frame near the wiring frame from said front side so as to reach a coupling position, the support and containment frame comprising a plurality of seats inside which said modules are engaged. The control modules comprise second connectors which in said coupling position of the frames are electrically interconnected, or are adapted to be electrically interconnected, to corresponding first connectors.



PCT

- (22) 02/06/2015
- (21) | 0855/2015
- (44) March 2019
- (45) 01/07/2019
- (11) | 29338

(51)	Int. Cl. 8 H04W 4/14 & H04L 29/08
(71)	1. ORANGE (FRANCE) 2. 3.
(72)	 FROMENTOUX, Gaël BRAUD, Arnaud STEPHAN, Emile
(73)	1. 2.
(30)	1. (FR) 1261582 - 04-12-2012 2. (PCT/FR2013/052927) - 03-12-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) MANAGEMENT OF NOTIFICATIONS IN A MOBILE WEB APPLICATION

Patent Period Started From and Will end on

(57) The invention concerns a method for managing notifications between a user agent (UA) installed in a mobile terminal (TE) and a web server (WS), and comprises the following steps, carried out by an intermediate piece of equipment (Notif Proxy): - reception of a notification message from the mobile terminal in accordance with a first protocol designed for transmission over a signalling channel, said notification message comprising notification data from the user agent; - generation of a notification message in accordance with a second protocol designed for transmission over the Internet network, in which the notification data is inserted; and - transmission, to the web server (WS), of the notification message in accordance with the second protocol. The invention also concerns an intermediate piece of equipment (Notif Proxy) implementing these steps, as well as a method for sending a notification message and a mobile terminal (TE) implementing such a sending method.



PCT

- (22) 24/02/2016
- (21) 2016/0290D1
- (44) March 2019
- (45) 01/07/2019
- (11) 29339

(51)	Int. Cl. 8 C02F 9/00
(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) METHOD OF TREATING WATER IN AFLOATIN 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) 26/10/2015
- (21) 1717/2015
- (44) January 2019
- (45) 01/07/2019
- (11) 29340

(51)	Int. Cl. 8 F25B 33/00, 15/04
	4 CONDUCCIONALE A LIENTEDOTE AROMONE PER ANY ENERGYPO AL PERNAMENTO
(71)	1. COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
	2. (FRANCE)
	3.
(72)	1. WYTTENBACH, Joël
()	2. JOBARD, Xavier
	3.
(73)	1.
()	2.
(30)	1. (FR) 1353980 - 30-04-2013
(00)	2. (PCT/EP2014/057308) - 10-04-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) RECTIFIER FOR THERMODYNAMIC ABSORPTION MACHINE HAVING A CONNECTION DEVICE ACTING AS A SIPHON

Patent Period Started From and Will end on

(57) The invention relates to a rectifier for a thermodynamic absorption machine, which includes an inlet (E) which supplies the rectifier with a two-phase input fluid (F1), having a liquid phase (F2) and a gas phase (F3) and formed by mixing a refrigerant and an absorbent. Said rectifier further includes: a first separator, separating the liquid phase (F2) from the gas phase (F3) of the input fluid (F1); a condenser condensing a fraction (F5) of the gas phase (F3) separated by the first separator; a second separator separating the fraction (F5) condensed by the condenser from a remaining fraction (F6) which is not condensed by the condenser; and a connection device connecting the first and second separators and configured such as to act as a siphon for the liquid phase (F2) that is separated by the first separator, and for the condensed fraction (F5) that is separated by the second separator.



PCT

- (22) 19/10/2015
- (21) 1679/2015
- (44) March 2019
- (45) 01/07/2019
- (11) 29341

(51)	Int. Cl. 8 C10G 31/06, 7/06, 7/12, 47/30, 49/04, 55/06, 67/00, 49/12 & C08L 95/00 & C10C 3/00
(71)	1. ENI S.PA. (ITALY) 2. 3.
(72)	 BELMONTE Giuseppe MALANDRINO Alberto Maria Antonio PICCOLO Vincenzo
(73)	1. 2.
(30)	1. (PCT/IT2013/000115) - 22-04-2013 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS FOR TREATING A HYDROCARBON-BASED HEAVY RESIDUE

Patent Period Started From 22/04/2013 and Will end on 21/04/2033

- (57) The process for treating a hydrocarbon-based heavy residue, in particular bituminous residues with a high asphaltene content, comprises the following operations:
 - A) bringing the heavy residue to be treated to a temperature within the range of 325-500°C;
 - B) subjecting the heavy residue to be treated to a substantially adiabatic expansion in an environment at a pressure equal to or lower than about 0.1 bara, and at a temperature equal to or lower than 450°C, so as to separate, from the heavy residue to be treated, a first less volatile fraction having a boiling point at atmospheric pressure equal to or higher than 540°C and whose solid and/or anhydrous residue prevalently contains asphaltenes insoluble in pentane and/or other residues insoluble in tetrahydrofuran. It allows a more effective flushing, and also to actuate the process in an extremely simple plant and without centrifugations.



PCT

- (22) 22/11/2005
- (21) 0753/2005
- (44) March 2019
- (45) 01/07/2019
- (11) 29342

(51)	Int. Cl. 8 A61K 31/155, 9/08, 47/12, 47/10, 4 A61P 17/00, 31/00	17/34 & A61L 2/18 & A01N 25/02, 37/02, 47/44 &
(71)	1. OTSUKA PHARMACEUTICAL CO., LTD (JAPAN) 2. OTSUKA PHARMACEUTICAL FACTORY, INC (JAPAN) 3.	
(72)	1. MIYATA,MOTOYA 2. INOUE,YASHUHIDE 3. HAGIAKIFUMI 4. KIKUCHI,MOTOYA 5. OHNO,WITOSHI 6. HASHIMOTO,KINJI	7. SATO,TETSUYA 8. TUSBOUCHI,HIDETSUGU 9. ISHIKAWA,HIROSHI 10. OKAMURA,TAKASHI 11. IWATA,KOUSHI
(73)	1. 2.	
(30)	1. (JP) 2003-150846 - 28-05-2003 2. (PCT/JP2004/007434) - 25-05-2004 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) AQUEOUS OLANEXIDINE SOLUTION, METHOD OF PREPARING THE SAME, AND DISINFECTANT Patent Period Started From 25/05/2004 and Will end on 24/05/2024

(57) A disinfectant which contains olanexidine in such a concentration that the disinfectant shows an effective bactericidal activity and which is reduced in side effects such as skin irritation. The disinfectant comprises an aqueous solution which contains olanexidine and gluconic acid, the amount of the latter being at least equimolar with the former, and contains substantially none of acids other than gluconic acid and of salts of the acids (other than gluconic acid.



PCT

- (22) 08/02/2016
- (21) 0188/2016
- (44) March 2019
- (45) 07/07/2019
- (11) 29343

(51)	Int. Cl. ⁸ F16B 7/04
(71)	1. KNAUF GIPS KG (GERMANY) 2. 3.
(72)	 HUWER, Thomas 3.
(73)	1. 2.
(30)	1. (DE) 20 2013 007 676.3 - 28-08-2013 2. (PCT/EP2014/002304) - 22-08-2014 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) CONNECTING ELEMENT WITH PROFILE RAILS Patent Period Started From 22/08/2014 and Will end on 21/08/2034

(57) The invention relates to a connecting element for connecting two aligned C-shaped profile rails. The connecting element is in the form of a sheet metal profile the cross-section of which, adapted to the profile rails to be connected, is such that said sheet-metal profile can be slid into said profile rails from the fronts thereof in a captive manner. A handling tab that is accessible after the connecting element has been slid into a profile rail is moulded onto or mounted on said connecting element.



PCT

- (22) 07/08/2013
- (21) 1295/2013
- (44) February 2019
- (45) 07/07/2019
- (11) 29344

(51)	Int. Cl. 8 G11L 19/00
(71)	 FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. (GERMANY) 3.
(72)	 SETIAWAN, Panji SCHMIDT, Konstantin WILDE, Stephan
(73)	1. 2.
(30)	1. (US) 61/442,632 - 14-02-2011 2. (PCT/EP2012/052462) - 14-02-2012 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) AUDIO CODEC USING NOISE SYNTHESIS DURING INACTIVE PHASES

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

(57) A parametric background noise estimate is continuously updated during an active or non-silence phase so that the noise generation may immediately be started with upon the entrance of an inactive phase following the active phase. In accordance with another aspect, a spectral domain is very efficiently used in order to parameterize the background noise thereby yielding a background noise synthesis which is more realistic and thus leads to a more transparent active to inactive phase switching.



PCT

- (22) 20/03/2016
- (21) 0477/2016
- (44) March 2019
- (45) |07/07/2019
- (11) 29345

(51)	Int. Cl. 8 B29C 43/00	
(71)	 Channell Commercial Corporation (PRC COMPOSITES, LLC (UNITEI 3. 	
(72)	1. BURKE, Edward, J	4. Robert Gwillim
()	2. Thomas Atkins	5. John A. Neate
	3. Brian Anthony Beach	
(73)	1.	
, ,	2.	
(30)	1. (US) 14/684257 - 10-04-2015	
	2.	
	3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) METHOD OF MANUFACTURING A THERMOSET POLYMER UTILITY VAULT LID

Patent Period Started From 20/03/2016 and Will end on 19/03/2036

(57) A method of manufacturing a fiber reinforced composite material lid for an utility vault including mixing an unsaturated polyester thermosetting matrix in to a resin paste, compounding the resin paste into a fiber reinforced composite material, maturing the compounded fiber reinforced composite material, cutting the matured compound into a charge pattern, molding the charge pattern in a mold cavity of a heated mold under low pressure to form the lid and cooling and machining the lid. The mold includes a cavity die and a core die having a shear angle for interfacing the core die within the cavity die and a steam pot for heating the cavity die and the core die, wherein the lid is molded between the cavity die and the core die and removed from the mold by a lid ejection mechanism.



PCT

- (22) 05/05/2009
- (21) 0642/2009
- (44) January 2019
- (45) 07/07/2019
- (11) 29346

(51)	Int. Cl. 8 A61K 31/42, 31/455, 31/4709 & A61P 31/00 & C07D 413/14
(71)	1. ACTELION PHARMACEUTICALS LTD (UNITED STATES OF AMERICA) 2. 3.
(72)	 HUBSCHWERLEN, Christian SPECKLIN, Jean-Luc PANCHAUD, Philippe
(73)	1. 2.
(30)	1. (PCT/IB2006/054189) - 10-11-2006 2. (PCT/IB2007/054557) - 09-11-2007 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) 5-HYDROXYMETHYL-OXAZOLIDIN-2-ONE DERIVATIVES Patent Period Started From 09/11/2007 and Will end on 08/11/2027

(57) The invention relates to novel chimeric antibiotics of formula (I) wherein R1 represents OH, OPO3H2 or OCOR5; R2 represents H, OH or OPO3H2; A represents N or CR6; R3 represents H or fluorine; R4 is H, (C1-C3) alkyl, or cycloalkyl; R5 is the residue of a naturally occurring amino acid, of the enantiomer of a naturally occurring amino acid or of dimethylaminoglycine; R6 represents H, alkoxy or halogen; and n is O or 1; and to salts (in particular pharmaceutically acceptable salts) of compounds of formula (I). These chimeric compounds are useful in the manufacture of medicaments for the treatment of infections (e.g. bacterial infections).



PCT

- (22) 04/04/2016
- (21) 0588/2016
- (44) March 2019
- (45) 08/07/2019
- (11) 29347

(51)	Int. Cl. 8 A61M 5/32, 5/158
(71)	1. MEDICAL COMPONENTS, INC (UNITED STATES OF AMERICA)
	2.
	3.
(72)	1. SCHWEIKERT, Timothy M
	2. FISHER, Mark S
	3. BALLARD, JOSHUA LEE
(73)	1.
(-)	2.
(30)	1. (US) 61/889,220 - 10-10-2013
(0 0)	2. (PCT/US2014/060139) - 10-10-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) HUBER NEEDLE ASSEMBLY WITH SAFETY CAPTURE DEVICE Patent Period Started From 10/10/2014 and Will end on 09/10/2034

(57) A Huber needle assembly with safety capture device includes at least a body, a needle, and a movable arm. The movable arm is pivotable relative to the body, and includes a capture hood at a distal end thereof. The capture hood is cylindrical, includes a perimeter side wall having an outer face and an inner face, and has open proximal end. The capture hood includes a slot through the perimeter side wall, providing access into an internal chamber defined by the perimeter side wall. The slot extends longitudinally over at least a portion of the length of the capture hood, and at least a portion of the slot has a width less than the outside diameter of the needle to capture a tip of the needle therein when the movable arm pivots to a safety-capture position.



PCT

- (22) 19/02/2015
- (21) 0279/2015
- (44) March 2019
- (45) 08/07/2019
- (11) 29348

(51)	Int. Cl. 8 C09K 8/502, 8/34, 8/36
(71)	1. TUCC TECHNOLOGY, LLC (UNITED STATES OF AMERICA)
	2. 3.
(72)	1. DOBSON, JR., James, W
	2. TRESCO, Kim O 3.
(73)	1.
(30)	2. 1. (US) 61/691,039 - 20-08-2012
(30)	2. (PCT/US2013/055882) - 20-08-2013
	3.
(74)	OFFICE DIB LAWYERS
(12)	Patent

(54) SOLUBILIZED POLYMER CONCENTRATES, METHODS OF PREPARATION THEREOF, AND WELL DRILLING AND SERVICING FLUIDS CONTAINING THE SAME Patent Period Started From 20/08/2013 and Will end on 19/08/2033

(57) The invention provides concentrates for reducing the fluid loss on an oil base well drilling or servicing fluid, the concentrates comprising an oleagineous liquid and a polymer which is solublized in the oleagineous liquid, or a polymer which is solublized in the oleaginous liquid together with an organophilic polyphenolic material which is solublized and/or dispersed in the oleagineous liquid. The method of preparing the concentrate and the method of reducing the fluid loss of an oil base well drilling or servicing fluid utilizing the concentrates is also disclosed. The preferred oil soluble polymer is a styrene-butadiene rubber crumb. The preferred oleagineous liquid is an aromatic-free hydrogenated oil essentially containing only saturated hydrocarbons. The preferred polyphenolic material is a source of humic acid, such as mined lignite.



PCT

- (22) 14/02/2016
- (21) 0224/2016
- (44) January 2019
- (45) 08/07/2019
- (11) 29349

(51)	Int. Cl. ⁸ F25J 3/02, 3/08	
(71)	 Ortloff Engineers, Ltd. (UNITED STA S.M.E. PRODUCTS LP (UNITED STA 3. 	,
(72)	 MILLER, Scott, A WILKINSON, John, D LYNCH, Joe, T HUDSON, Hank, M 	5. CUELLAR, Kyle, T6. JOHNKE, Andrew, F7. LEWIS, W., Larry
(73)	1. 2.	
(30)	1. (US) 61/876,415 - 11-09-2013 2. (US) 61/879,308 - 18-09-2013 3. (US) 14/462.083 - 18-08-2014 4. (PCT/US2014/051548) - 18-08-2014	
(74)	Nahed wadi tarzy	
(12)	Patent	

(54) HYDROCARBON GAS PROCESSING Patent Period Started From 18/08/2014 and Will end on 17/08/2034

(57) A process and an apparatus are disclosed for a compact processing assembly to remove C₅ and heavier hydrocarbon components from a hydrocarbon gas stream. The hydrocarbon gas stream is expanded to lower pressure and supplied to the processing assembly between an absorbing means and a mass transfer means. A distillation vapor stream is collected from the upper region of the absorbing means and cooled in a first heat and mass transfer means inside the processing assembly to partially condense it, forming a residual vapor stream and a condensed stream. The condensed stream is supplied to the absorbing means at its top feed point. A distillation liquid stream is collected from the lower region of the mass transfer means and directed into a second heat and mass transfer means inside the processing assembly to heat it and strip out its volatile components.



PCT

- (22) 22/10/2014
- (21) 1672/2014
- (44) February 2019
- (45) 10/07/2019
- (11) 29350

(51)	Int. Cl. 8 B01D 61/02, 69/14, 71/70 & C11B 9/02
(71)	1. EVONIK DEGUSSA GMBH (GERMANY) 2. 3.
(72)	 WU, Xiaoping MENICONI, Andrea BOAM, Andrew
(73)	1. 2.
(30)	1. (EP) 12166953.5 - 07-05-2012 2. (PCT/EP2013/055833) - 20-03-2013 3.
(74)	YOUSSEF M. JOSEPH
(12)	Patent

(54) MEMBRANE-BASED PROCESSES FOR SELECTIVELY FRACTIONATING ESSENTIAL OILS Patent Period Started From 20/03/2013 and Will end on 19/03/2033

(57) The present disclosure in general relates to a process for reducing impurities, i.e. undesirable natural components such as waxes and undesirable synthetic materials such as agrochemicals and other environmental pollutants, or fractionation of natural components present in an essential oil using at least one selective membrane.



PCT

- (22) 02/06/2016
- (21) 0927/2016
- (44) January 2019
- (45) 11/07/2019
- (11) 29351

(51)	Int. Cl. 8 B01F 7/16 & C10B 47/18, 53/02
(71)	 MANSOUR, Rawya, Lotfy (EGYPT) 3.
(72)	 MANSOUR, Rawya, Lotfy 3.
(73)	1. 2.
(30)	1. (FR) 13 62090 - 04-12-2013 2. (PCT/EP2014/075982) - 28-11-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DEVICE FOR PRODUCING GREEN COAL FOR AGRICULTURAL USE Patent Period Started From 28/11/2014 and Will end on 27/11/2034

(57) The present invention concerns device for producing green coal for agricultural use from organic agricultural materials comprising: a container suitable for receiving the organic materials, an enclosure enclosing the container and delimiting an intermediate space around the container, a system for heating the intermediate space and a rotary stirring system configured to stir the organic materials placed in the container, characterised by the fact that the rotary stirring system comprises a plurality of blades that are fixed relative to the container and a plurality of blades that are mobile in rotation relative to the container, the plurality of fixed blades being distributed between at least two stages of fixed blades along the axis of rotation, the plurality of mobile blades being distributed between at least two stages of mobile blades alternating along the axis of rotation.



PCT

(22) 07/04/2008

(21) 0584/2008

(44) April 2019

(45) 15/07/2019

(11) 29352

(51)	Int. Cl. ⁸ C12N 1/14
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	 MOHAMED HELMY MOHAMED YACOUT ALAA ELDIN YEHIA EL BADAWI 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED
(12)	Patent

(54)**BIO-NATURAL GROWTH PROMOTER FOR RUMINANTS FEEDING** Patent Period Started From 07/04/2008 and Will end on 06/04/2028

(57) It's a bio-natural feed additive for ruminants free from chemicals, hormones and antibiotics. This product is containing group of fungal digestive enzymes (trichoderma reesi and aspergillus oryzae), live yeast (saccharomyces cerevisiae) and anti-oxidants of some medicinal plants. The product is acting as an ameliorator for rumen fermentation, digestion and absorption of nutrients in the gastrointestinal tract which improves feed utilization.



PCT

- (22) 07/05/2013
- (21) 0773/2013
- (44) April 2019
- (45) 15/07/2019
- (11) 29353

(51)	Int. Cl. 8 B66D 1/08
(71)	1. HAMDY ESAM MOHAMED MOKHTAR SOLIMAN (EGYPT) 2. 3.
(72)	1. HAMDY ESAM MOHAMED MOKHTAR SOLIMAN 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

OFFSHORE DRILLING SYSTEM OPERATES UNDER WATER TO RESCUE SHELL SUNKEN SHIPS AND ALSO WORKING ABOVE THE GROUND TO BUILD PIPELINES WITHOUT SHALLOW DIGGING

Patent Period Started From 07/05/2013 and Will end on 06/05/2033

(57) Is a system of several parts, the main part consists of two small diggers to dig to draw the pipes, and the wires below the sunken ships to connect them .in buoys and cranes to float the second part is the drilling head, which is leads the drilling line and it .has several forms and the third part is the steel pipes used for drilling, which is semi-solid except for a hole in the center which used to pass lubricating fluid, and it has several thin diagonal holes along the length of the tube to lubricate on .the outside surface to facilitate the task of drilling and the fourth part is the control room located in a boat above the water surface and connected with two cables with the drilling units for power supply and control .



PCT

- (22) 19/06/2014
- (21) 1027/2014
- (44) April 2019
- (45) 15/07/2019
- (11) 29354

(51)	Int. Cl. ⁸ C12N 7/00
(71)	1. SHERIF MAHMOUD MOHAMED MOHAMED IBRAHIM (EGYPT)
` ′	2.
	3.
(72)	1. SHERIF MAHMOUD MOHAMED MOHAMED IBRAHIM
	2.
	3.
(73)	1.
(-)	2.
(30)	1.
()	2.
	3.
(74)	MARWA ALAA EL DIN MOHAMED ABDEL-MEGUID
(12)	Patent

(54) CONSTRUCTION OF LOW PATHOGENIC AVIAN INFLUENZA VIRUS A/REASSORTANT/JLUMV-RG1, USING REVERSE GENETICS

Patent Period Started From 19/06/2014 and Will end on 18/06/2034

(57) Low pathogenic Avian Influenza virus (LPAIV) (A/reassortant/JLUMV-RG1) was constructed/developed in the laboratory using reverse genetics system, using two plasmids encoding Haemagglutinin (HA) and Neuraminidase (NA) genes of pathogenic **AIV** the highly (A/chicken/Egypt/VSVRI/2009-H5N1) plus 6 plasmids encoding M, PB1, PB2, PA, NP, and NS proteins of the high growth virus (A/Puerto Rico/8/1934-H1N1). These genes are flanked by RNA polymerase I and II promoters for transcription of viral and mRNA (vRNA and mRNA), respectively, when HEK cells are transfected by these plasmids, leading to the construction of a new virus expressing HA and NA of the HPAIV and the rest of proteins from the LPIV. The newly constructed virus (A/reassortant/JLUMV-RG1) replicates rapidly giving high virus titers when inoculated into embryonated SPF chicken eggs, elicits excellent immune response protecting chicken against HPAIV infection, and ensures biosafety to lab personnel's during vaccine preparation.



PCT

- (22) 29/01/2015
- (21) 0165/2015
- (44) April 2019
- (45) 15/07/2019
- (11) 29355

(51)	Int. Cl. 8 A01N 43/00
(71)	1. MOHAMAD FAHMY ZAKY HESIAN KACHK (EGYPT)
	2.
	3.
(72)	1. MOHAMAD FAHMY ZAKY HESIAN KACHK
. ,	2.
	3.
(73)	1.
	2.
(30)	1.
()	2.
	3.
(74)	MOHAMED FAHME ZAKI
(12)	Patent

(54)	PRODUCTION OF NEW ANIONIC SURFACE ACTIVE
	COMPOUNDS HAS BIOLOGICAL ACTIVITY AGAINST FUNGI
	AND BACTERIA WHICH INFECTS THE PLANTS AND AGAINST
	SULFUR REDUCING BACTERIA AND ALSO INSECT OF
	COTTON WORM

Patent Period Started From 29/01/2015 and Will end on 28/01/2035

(57) Preparation of new anionic surface active substances {Dodecyl benzene (mono,di, tri)ethanol amine mercapto acetate sulfonate } and {louryl (mono,di, tri)ethanol amine mercapto acetate sulfate .The studying prove that surface activity of the anionic surfactants and also the toxicity against the Fungi and Bactria(gram +) which infects the plants and sulfur reducing bacteria (SRB) which exist in petroleum oil and also cotton warm are great. When added10? nonionic surfactant (mercapto polyethylene golycol,dodecyl phosphate) to the anionic surfactant the surface activity increase therefore the ability of the anionic molecule to penetrate the cell membranes of micro organisms increase this leads to increase the toxicity of the anoionic surfactants towards to these micro organisms.



PCT

- (22) 15/12/2015
- (21) 1980/2015
- (44) April 2019
- (45) 15/07/2019
- (11) | 29356

(51)	Int. Cl. 8 A61K 6/093 & C08L 1/04 & A61L 24/08	
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.	
(72)	 ENGIE MOHAMED MOUSTAFA SAFWAT NIAZY MOHAMMAD LOTFY HASSAN MOHAMMAD DALIA YAHIA IBRAHEEM AHMED ZAKI 	
(73)	1. 2.	
(30)	1. 2. 3.	
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED	
(12)	Patent	

(54) PREPARATION OF AN INJECTABLE BONE GRAFT FROM NANOCELLULOSE HYDROGEL EXTRACTED FROM RICE STRAW FOR USE IN FILLING JAW BONE.

Patent Period Started From 15/12/2015 and Will end on 14/12/2035

(57) An injectable hydrogel bone graft for use in the construction of bone tissue was prepared using nanocellulose hydrogel isolated from rice straw. Bleached cellulose pulp was first prepared from rice straw by pulping using 15% sodium hydroxide (based on weight of rice straw) followed by bleaching using sodium chlorite/acetic acid mixture. Then the bleached pulp oxidized using 2,2,6,6-tetramethylpiperidine-1-oxyl was (TEMPO)/chlorite method, purified by repeated washing with distilled water, and finally subjected to high shear mixer to prepare nanocellulose hydrogel. The injectable consistency of the obtained nanocellulose hydrogel was adjusted through calibrating the water content to the solid content in the hydrogel so that every 1gram dry weight nanocellulose fibers is proportioned to 15 gram water. The biocompatibility of the prepared injectable bone graft hydrogel extracted from rice straw was inspected in the vicinity of osteoblasts-like cells in vitro and the ability of the invented gel to induce bone formation was confirmed through two tests: the alkaline phosphatase assay and the Von Kossa test.



PCT

(22) 25/07/2016

(21) 1231/2016

(44) April 2019

(45) 15/07/2019

(11) 29357

(51)	Int. Cl. 8 C03C 3/064, C08K 3/40
(71)	 NASHAT MOHAMED ALANWAR MOHAMED ABD ALATY (EGYPT) HAMED IBRAHIM ELSAYED MIRA 3.
(72)	 NASHAT MOHAMED ALANWAR MOHAMED ABD ALATY HAMED IBRAHIM ELSAYED MIRA 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) A METHOD OF PURIFICATION OF PHOSPHORIC ACID FROM URANIUM

Patent Period Started From 25/07/2016 and Will end on 24/07/2036

(57) The theme of the invention depends on a method of purification of phosphoric acid from uranium, this is done by adsorbing uranium on the surface of activated carbon, its diameter not exceeding 0.1 mm to reduce uranium concentration in phosphoric acid from 100 to 2 ppm, it also removes organic matter and converts acid color to green. P205 was also increased from 45% to 80% controlled by the exposure time to indirect heat and evaporation, uranium was recovered again by leaving the residue of activated carbon in 2 molar nitric acid for 6 hours with stirring then filtered, the uranium extraction was 98%.



PCT

- (22) 10/08/2016
- (21) 20161324
- (44) April 2019
- (45) 15/07/2019
- (11) 29358

(51)	Int. Cl. 8 B43L 11/00
(71)	1. AMGAD MOHAMED YOUSSEF (EGYPT)
	2.
	3.
(72)	1. AMGAD MOHAMED YOUSSEF
	2.
	3.
(73)	1.
(-)	2.
(30)	1.
(0 0)	2.
	3.
(74)	UTILTY MODEL
(12)	Patent

(54)	FULL OPTION DRAWER	
	Patent Period Started From 10/08/2016 and Will end on 09/08/2036	

(57) It is new instrument doing all functions of triangle, compass, protractor, ruler, i.e. it can draw lines, angels, circles and parallel lines—doing all functions of all tools together without any exception.



PCT

- (22) 31/08/2016
- (21) 1459/2016
- (44) | April 2019
- (45) 15/07/2019
- (11) 29359

(51)	Int. Cl. 8 C01B 32/162 & D01F 9/16 & C23C 16/26		
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)		
, ,	2.		
	3.		
(72)	1. DR. NADY ATTIA FATHY		
	2. DR. ADLI ABDALLA HANNA		
	3.		
(73)	1.		
(10)	2.		
(30)	1.		
(00)	2.		
	3.		
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED		
(12)	Patent		

(54) A METHOD AND UNIT FOR PRODUCTION OF CARBON NANOTUBES AND CARBON NANOTUBES / CARBON NANOSPHERES COMPOSITE FROM RICE STRAW TREATED AND LOADED WITH A CATALYST

Patent Period Started From 31/08/2016 and Will end on 30/08/2036

(57) The present invention provides a method for preparing individual carbon nanotubes (CNTs) and/or hierarchical structure of carbon nanotubes/carbon nanospheres composite from natural by-products like camphor and rice straw. This new approach entails a combination of hydrothermal carbonization and chemical vapor deposition (CVD). Prior to CVD process, hydrothermal carbonization of pretreated rice straw was performed to prepare catalyst supported on rice straw as a substrate. An organometallic ferrocene or mixed of ferrocene with nickel salt were employed as catalysts. Camphor solid was used as gaseous carbon source in CVD process. The present method would lead to reduce the production cost of CNTs.



PCT

- (22) 24/10/2016
- (21) 1746/2016
- (44) April 2019
- (45) 15/07/2019
- (11) 29360

(51)	Int. Cl. 8 G21C 3/20
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	1. SAYED KENAWI HAMED EBRAHIM 2. ELSAYED MOHAMMED KAMAL MOHAMMED AHMED ELMAGHRABY 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED
(12)	Patent

(54) PREPARATION OF ALUMINUM OXIDE AND SILICON CARBIDE COMPOSITES FOR THE MANUFACTURE OF A NUCLEAR REACTOR CLADDING

Patent Period Started From 24/10/2016 and Will end on 23/10/2036

(57) The present invention relates to the preparation of aluminum oxide and silicon carbide composites for the manufacture of a nuclear reactor cladding with a hot-pressing technique. The composites were made of a mixture of alpha-aluminum oxide with a with a mean particle size of less than 100 um of silicon carbide in the form of granules, platelets or chips of dimensions below 200 urn. The composites were contain a ratio of 20-90% aluminum oxide and 10-80% from silicon carbide of the total weight to obtain solid or porous couplings. These composites will be manufactured to use as a cover, covering, supports, linings or conveying pipes for liquids either for nuclear fuel or stabilizers, For the manufacture of a cover for a cover, supports, linings or conveying pipes for liquids, whether for nuclear fuel or for the installation terminals. Also, it may be used as a feed or as a mixture with nuclear fuel as fuel units coated with the same material. This can be applied to nuclear fission reactors with liquid or solid nuclear fuel or nuclear fusion reactors or plasma chambers whether cooled by chemically active or inactive liquids or gases. The couplings give cladding strength, rigidity and resistance to thermal and radiation effects and, when porous, will allow the release of gases generated by nuclear decomposition and fission



PCT

- (22) 19/04/2015
- (21) 0590/2015
- (44) January 2019
- (45) 16/07/2019
- (11) 29361

(51)	Int. Cl. 8 B60C 11/04, 11/12
(71)	1. PIRELLI TYRE S.P.A., (ITALY) 2.
:	3.
(72)	1. BARZAGHI, Antonio Alessandro 2. 3.
(73)	1. 2.
(30)	1. (US) 520·258/61 - 30-01-2013 2. (PCT/IB2013/002402) - 29-10-2013 3. (IT) RM2012A000519) - 30-10-2012
(74)	HODA ABD ELHADY
(12)	Patent
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(54) METHOD FOR INCREASING THE PERFORMANCE OF A TYRE FOR HEAVY LOAD VEHICLE WHEELS AND TYRE FOR HEAVY LOAD VEHICLE WHEELS

Patent Period Started From 29/10/2013 and Will end on 28/10/2033

(57) The present invention relates to a method for increasing the performance of a tyre for heavy load vehicle wheels by varying the constraint formed between adjacent blocks. The invention further relates to a tyre having a tread comprising a central annular portion across an equatorial plane (X-X) and two shoulder annular portions, located on axially opposite sides relative to the central annular portion. The central annular portion is separated from each shoulder annular portion by a respective first circumferential groove. The central annular portion (L1) comprises a plurality of blocks, arranged in at least one circumferential row comprised between two circumferential grooves, and at least one transverse sipe adapted to define two circumferentially consecutive blocks. The blocks are provided with at least one first deformation, adapted to define respective portion of mutual constraint in adjacent blocks, and with a secondary deformation grafted on the first deformation in the circumferential direction.



PCT

- (22) 05/10/2015
- (21) 1612/2015
- (44) January 2019
- (45) 16/07/2019
- (11) 29362

(51)	Int. Cl. 8 C03C 3/087, 4/00
(71)	1. VITRO S.A.B DE C.V (MIXCO)
	2. 3.
(72)	1. NAYLOR, Mark O.
()	2. JANSEN, Lawrence E
	3. Shelestak,larry.j
(73)	1.
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(30)	1. (US) 812,006/61 - 15-04-2013
()	2. (US) 252,206 / 14 - 14-04-2014
	3. (PCT/US2014/034068) - 15-04-2014
(74)	ABD ELHADI OFFICE
(12)	Patent

LOW IRON, HIGH REDOX RATIO, AND HIGH IRON, HIGH REDOX RATIO, SODA-LIME-SILICA GLASSES AND METHODS OF MAKING SAME

Patent Period Started From 15/04/2014 and Will end on 14/04/2034

(57) A glass has a basic soda-lime-silica glass portion, and a colorant portion including total iron as Fe₂O₃ selected from the group of total iron as Fe₂O₃ in the range of greater than zero to 0.02 weight percent; total iron as Fe₂O₃ in the range of greater than 0.02 weight percent to less than 0.10 weight percent and total iron as Fe₂O₃ in the range of 0.10 to 2.00 weight percent; redox ratio in the range of 0.2 to 0.6, and tin and/or tin compounds, e.g. SnO₂ greater than 0.000 to 5.0 weight percent. In one embodiment of the invention, the glass has a tin side and an opposite air side, wherein the tin side of the glass is supported on a molten tin bath during forming of the glass. The tin concentration at the tin side of the glass is greater than, less than, or equal to the tin concentration in "body portion" of the glass. The "body portion" of the glass extending from the air side of the glass toward the tin side and terminating short of the tin side of the glass.



PCT

- (22) 04/12/2016
- (21) 1969/2016
- (44) January 2019
- (45) 16/07/2019
- (11) 29363

(51)	Int. Cl. 8 A01N 43/40, 43/90, 47/36 & A01P 13/00		
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2. 3.		
(72)	 GIFFORD, James M. MANN, Richard K. MCVEIGH-NELSON, andrea C. 	4. OUSE, David G5. VOGLEWEDE, Christopher J.	
(73)	1. 2.		
(30)	1. (US) 009,717 /62 - 09-06-2014 2. (PCT/US2015/034893) - 09-06-2015 3.		
(74)	ABDEL HADY OFFICE		
(12)	Patent		

(54) HERBICIDAL WEED CONTROL FROM COMBINATIONS OF FLUROXYPYR AND ALS INHIBITORS

Patent Period Started From 09/06/2015 and Will end on 08/06/2035

- (57) Provided herein are herbicidal compositions containing of
 - (a) fluroxypyr or an agriculturally acceptable ester or salt thereof and
 - (b) an ALS-inhibiting herbicide, wherein the ALS-inhibiting herbicide is diclosulam, cloransulam, chlorimuron, or thifensulfuron, or an agriculturally acceptable ester or salt thereof. The compositions provide synergistic weed control of undesirable vegetation in areas including, but not limited to, soybean, cotton, corn, sorghum, sunflower, sugarcane, sugar beets, alfalfa, cereals (including but not limited to wheat, barley, rice and oats), non-crop, fallow-bed, perennial crop, fruiting crop, or plantation crop areas.



PCT

(22) 15/09/2015

(21) 1530/2015

(44)

(45) 17/07/2019

(11) 29364

(51)	Int. Cl. 8 C02F 1/52
(71)	1. E3WATER, LLC (UNITED STATES OF AMERICA)
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(72)	1. SMITH, Daniel R
()	2. ROBERSON, Kenneth A
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(73)	1.
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(= 0)	2. (PCT/US2014/030016) - 15-03-2014
	3.
(74)	SMAS Intellectual Property
(12)	Patent

(54) PORTABLE, NON-BIOLOGICAL, CYCLIC SEWAGE TREATMENT PLANT Patent Period Started From 15/03/2013 and Will end on 14/03/2033

(57) A mobile sewage treatment and water reclamation system for rapid deployment to augment existing wastewater systems and/or provide interim service in lieu of permanent facilities, includes: (a) a denaturing stage wherein raw sewage is first ground into suspendable grit, its pH first lowered to kill acid-sensitive bio-organisms, then raised to kill base-sensitive bio-organisms, and then neutralized; (b) a clarifying stage employing an inverted-cone tank to circulate the solution after injection with chemicals to flocculate small particles for collection in a layer for siphoning off; and (c) a disposal stage wherein clarified water passes through media filters to remove remaining solids and odors, the effluent water being clean enough for irrigation, aquatic life and discharge into waterways; and wherein sterile sludge is pressed into semi-dry solids, then dried, crushed, powdered and bagged for use as high-nitrate biomass fertilizer or for fossil-fuel power co-generation applications



PCT

- (22) 14/05/2012
- (21) 0873/2012
- (44) January 2019
- (45) 21/07/2019
- (11) 29365

(51)	Int. Cl. ⁸ C01J 3/06 & C07C 29/15 & C01G 2/00 & F01K 23/06 & F02C 3/28 & F23J 15/06		
(71)	1. RV LIZENZ AG (SWIZERLAND) 2.		
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(72)	1. RUDLINGER, Mikael		
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(30)	1. (EP) 09176684.0 - 20-11-2009		
	2. (EP) 10151473.5 - 22-01-2010		
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	5. (PCT/EP2010/067847) - 19-11-2010		
(74)	NAHED WADIH RIZK		
(12)	Patent		

(54) METHOD FOR THERMAL-CHEMICAL UTILIZATION OF CARBON-CONTAINING MATERIALS FOR THE EMISSION-FREE GENERATION OF ENERGY

Patent Period Started From 19/11/2010 and Will end on 18/11/2030

(57) In a process according to the invention for the emission-free generation of energy and/or hydrocarbons and other products by utilizing carbon-containing materials, in a first process stage (P1) carbon-containing materials are supplied and pyrolyzed, thereby producing pyrolysis coke (M21) and pyrolysis gas (M22). In a second process stage (P2), the pyrolysis coke (M21) from the first process stage (P1) is gasified, thereby producing synthesis gas (M24), and slag and other residual materials (M91, M92, M93, M94) are removed. In a third process stage (P3), the synthesis gas (M24) from the second process stage (P2) is converted into hydrocarbons and/or other solid, liquid and/or gaseous products (M60), which are discharged. The three process stages (P1, P2, P3) form a closed cycle. Excess gas (M25) from the third process stage (P3) is conducted as recycled gas into the first process stage (P1) and/or the second process stage (P2), and the pyrolysis gas (M22) from the first process stage (P1) is conducted into the second process stage (P2) and/or the third process stage (P3).



PCT

- (22) 18/04/2012
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- (44) January 2019
- (45) 21/07/2019
- (11) 29366

(51)	Int. Cl. ⁸ G10L 19/02, 19/14			
(71)	1. KONINKLIJKE PHILIPS	ELECTRONICS N.V.		
(, 1)	2. DOLBY INTERNATIONA	AL AB		
	3. FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN			
	FORSCHUNG E.V (GERMANY)			
	4. VOICE AGE CORPORAT	TION (AFGHANISTAN)		
(72)	1. GOURNAY, Philippe	5. GRILL, Bernhard	9. BAYER, Stefan	
	2. SALAMI, Redwan	6. VILLEMOES, Lars	10. LECOMTE, Jeremie	
	3. BESSETTE, Bruno	7. GEIGER, Ralf	11. BRINKER, Albertus C. den	
	4. LEFEBVRE, Roch	8. RETTELBACH, Nikolaus	12. NEUENDORF, Max	
(73)	1.			
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(30)	1. (US) 61/253.468 - 20-10-200)9		
	2. (PCT/EP2010/065752) - 19-10-2010			
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(74)	NAHED WADIH RIZK			
(12)	Patent			

(54) AUDIO SIGNAL ENCODER, AUDIO SIGNAL DECODER, METHOD FOR ENCODING OR DECODING AN AUDIO SIGNAL USING AN ALIASING-CANCELLATION

Patent Period Started From 19/10/2010 and Will end on 18/10/2030

An 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 transform domain path configured to obtain a time-domain representation of a portion of the audio content encoded in a transform-domain mode on the basis of a first set of spectral coefficients, a representation of an aliasing-cancellation stimulus signal and a plurality of linear-prediction-domain parameters. The transform domain path comprises a spectrum processor configured to apply a spectrum shaping to the first set of spectral coefficients in dependence on at least a subset of the linear-prediction-domain parameters, to obtain a spectrally-shaped version of the first set of spectral coefficients. The transform domain path comprises a first frequency-domain-to-time-domain converter configured to obtain a time-domain representation of the audio content on the basis of the spectrally-shaped version of the first set of spectral coefficients. The transform domain path comprises an aliasing-cancellation stimulus filter configured to filter the aliasing-cancellation stimulus signal in dependence on at least a subset of the linear-prediction-domain parameters, to derive an aliasing-cancellation synthesis signal from the aliasing-cancellation stimulus signal. The transform domain path also comprises a combiner configured to combine the time-domain representation of the audio content with the aliasing-cancellation synthesis signal, or a post-processed version thereof, to obtain an aliasing reduced time-domain signal.



PCT

- (22) 18/02/2007
- (21) 0191/2007
- (44) March 2019
- (45) 28/07/2019
- (11) 29367

(51)	Int. Cl. 8 C23C 14/06, 14/22, 14/56, 14/58 & H01L 21/20
(71)	1. CALYXO GMBH (GERMANY) 2. 3.
(72)	 FRASER, Donald, R. 3.
(73)	1. 2.
(30)	1. (US) 60/602.405 - 18-08-2004 2. (PCT/US2005/027368) – 02-08-2005 3.
(74)	KHALED MAGDY MOKHTAR HAMADA
(12)	Patent

(54) ATMOSPHERIC PRESURE CHEMICAL VAPOR DEPOSITION Patent Period Started From 02/08/2005 and Will end on 01/08/2025

(57) A process for coating a substance at atmosphere pressure comprises the steps of vaporizing a controlled mass of semiconductor material at substantially atmospheric pressure within a heated inert gas stream, to create a fluid mixture having a temperature above the condensation temperature of the semiconductor material, directing the fluid mixture at substantially atmospheric pressure onto the substance having a temperature below the condensation temperature of the semiconductor material, and depositing a layer of the semiconductor material onto a surface of the substrate.



PCT

- (22) 18/11/2007
- (21) 1248/2007
- (44) | February 2019
- (45) 28/07/2019
- (11) 29368

(51)	Int. Cl. ⁸ B42D 25/00 & G02B 3/00
(71)	1. VISUAL PHYSICS, L.L.C (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. STEENBLIK, RICHARD, A.
	2. jordan,gregory,r
	3. Hurt,mark,j
(73)	1.
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(30)	1. (US) 60/682231 - 18-05-2005
()	2. (US) 60/683037 – 20-05-2005
	3. (PCT/US2006/019810) - 18-05-2006
(74)	HODA AHMEDABDEL HADY
(12)	Patent

(54) IMAGE PRESENTATION AND MICRO-OPTIC SECURITY SYSTEM

Patent Period Started From 18/05/2006 and Will end on 17/05/2026

(57) Am image presentation system employing microstructured icon elements lo form an image. In one form a synthetic optical image system is provided that includes an array of focusing elements, and an image system that includes or is formed from an arra\ or pattern of microstructured icon elements, such as those described below, wherein the microstructured icon elements are designed to collectively form an image or certain desired information, and wherein the array of focusing elements and the image system cooperate, for example through optical coupling, to form a synthetic optical image which image may optionally be magnified. Tri another form an image presentation system is provided that includes or is formed from an array or pattern of microstructured icon elements, such as those described below, wherein the microstructured icon elements are designed to collectively form an image or certain selected information, and wherein the image system is designed to stand alone and be the image viewed or the information read by use of a magnifying device, such as a magnifying glass or microscope, that is provided separately from the image system.



PCT

(22) 21/07/2014

(21) 1200/2014

(44)

(45) 28/07/2019

(11) 29369

(51)	Int. Cl. 8 C11D 1/62, 3/00, 3/20, 3/43
(71)	1. EVONIK DEGUSSA GMBH (GERMANY) 2.
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(72)	1. Parrish, Dennis A
	2. Hildebrand, Jens
	3. Hisamoto, Miyako
(73)	1.
(-)	2.
(30)	1. (US) 61/592.248 30-01-2012
(00)	2. (PCT/EP2013/051753) - 30-01-2013
	3.
(74)	YOUSSEF MEKHAEL REZK
(12)	UTILY MODEL

(54)	FABRIC SOFTENER ACTIVE COMPOSITION
	Patent Period Started From 30/01/2013 and Will end on 29/01/2020

(57) The present invention is directed to compositions that are characterized by the presence of ester quats with specific characteristics that promote dispersibility at low temperature. Among the important characteristics of the ester quats are an iodine value of 65-85 and distribution of: 33-38% monoesters, 52-55% diesters and 7-12% trimesters.



PCT

- (22) 22/11/2015
- (21) 1845/2015
- (44) March 2019
- (45) 28/07/2019
- (11) 29370

(51)	Int. Cl. 8 B42D 3/00, 3/02
(71)	1. UNIBIND LIMITED (CYPRUS) 2. 3.
(72)	1. PELEMAN, Guido 2. 3.
(73)	1. 2.
(30)	1. (BG) 2013/0371 - 28-05-2013 2. (BG) 2013/0650 - 30-09-2013 3. (PCT/IB2014/000648) - 02-05-2014
(74)	YOUSSEF MEKHAEL REZK
(12)	Patent

(54) BINDING ELEMENT Patent Period Started From 02/05/2014 and Will end on 01/05/2034

(57) Binding element for a bundle of leaves, whereby the binding element comprises a spine for enclosing an edge of the bundle and two plastic cover sheets fastened to the spine, characterized in that a first of the cover sheets is transparent and the second of the cover sheets is translucent but not transparent.

Arab Republic of Egypt

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



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN AUGUST 2019"

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.

President of Patent Office

Dr. Mona M. Yehia

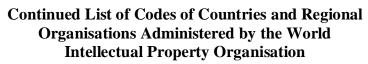
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Priority Date	30
Priority Country	
Issuance Date	45
International Patent Classification	51
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Inventor Name	72
Patentee Name	73
Patent Attorney Name	74



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Code	Country
AE	United Arab emairates
AF	Afghanistan
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AR	Argentina
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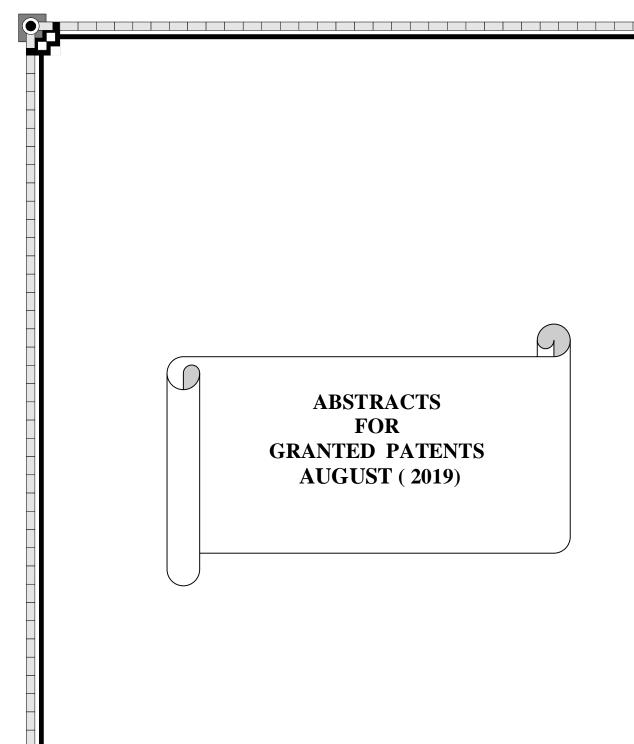
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IL	Israel
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KG	Kyrgyzstan
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KN	Saint Kitts and Nevis
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KR	Republic of Korea
KW	Kuwait
KZ	Kozakhstan
LA	LAO PEOPLE'S DEMOCRATIC REPUBLIC
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LC	Sant Lucia
LI	Liechtenstein
LK	Sirlanka
LR	Liberia
LS	Lesotho
LT	Lithuania
LU	Luxembourg
LV	Latvia
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MA	Moracco
MC	Monaco
MD	Republic of Moldova
ME	Montenegro
MG	Madagascar

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MK	The Former Yugoslav
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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) 16/01/2013
- (21) 0092/2013
- (44) April 2019
- (45) 01/08/2019
- (11) 29371

(51)	Int. Cl. 8 C10M 169/04 & C23C 28/00 & F16L 58/18, 15/00 & E21B 17/042
(71)	1. TENARIS CONNECTIONS LITED (NETHERLANDS) 2. 3.
(72)	 RIBALTA, Jesus, Casar DELLERBA, Diego, Nicolas CARCAGNO, Gabriel, Eduardo
(73)	1. 2.
(30)	1. (US) 61/365,952 - 20-07-2010 2. (US) 61/367,822 - 26-07-2010 3. (US) 61/368,400 - 28-07-2010 4. (US) 61/394,311 - 18-10-2010 5. (PCT/IB2011/002471) - 20-07-2011
(74)	MAHMOUD RAGAEY ELDEKY
(12)	Patent

(54) JOINTS HAVING IMPROVED SEALABILITY, LUBRICATION AND CORROSION RESISTANCE

Patent Period Started From 20/07/2011 and Will end on 19/07/2031

(57) Embodiments of the present disclosure provide systems and methods for assembly of tubular joints which overcome the drawbacks and limitations of conventional joints. In certain embodiments, the tubular joints may comprise threaded joints used in oil exploration. Joints may be assembled using a combination of a) position control, b) specific production tolerances for thread parameters, and c) coatings applied on threaded areas of the joint. In further embodiments, the tubular joints may have no torque shoulder and/or metal to metal seals. In additional embodiments, the joints may be further assembled and disassembled several times without application of dope or grease and exhibit enhanced sealability. Beneficially, embodiments of the present disclosure may provide high tolerance, precisely assembled joints that provide improved performance mechanical performance, sealability, corrosion resistance. (e.g., lubrication) and reliability over non-premium connections without the expense associated with premium connections.



PCT

- (22) 03/06/2012
- (21) | 0987/2012
- (44) March 2019
- (45) 18/08/2019
- (11) 29372

(51)	Int. Cl. ⁸ B23K 9/028, 9/167, 9/173, 37/02 & F16L 1/12 & C21D 9/08, 9/50
(71)	1. SAIPEM S.P.A. (ITALY) 2. 3.
(72)	 BOWERS, Jonathan 3.
(73)	1. 2.
(30)	1. (GB) 0921078.2 - 01-12-2009 2. (PCT/GB2010/051995) - 30-11-2010 3.
(74)	MAHMOUD RGAEY ELDEKY
(12)	Patent

(54) A METHOD OF AND A WELDING STATION FOR LAYING A PIPELINE, WITH PIPE SECTION WELDED TOGETHER BY INTERNAL AND EXTERNAL WELDING

Patent Period Started From 30/11/2010 and Will end on 29/11/2030

(57) A method of laying a pipeline is described in which both internal and external weld passes are performed in order to weld together the pipe sections. The method includes arranging a pipe section adjacent to the end of a pipeline thereby defining a circumferential joint to be welded, performing an external weld pass, with for example GMAW - MIG torches, on the root of the joint to be welded during which weld material is deposited in the root of the joint to be welded, thereby forming a root weld, and then performing an internal weld pass, with for example a GTAW - TIG torch, on the root weld during which the root weld is melted and re-shaped. The method has particular application in relation to pipes clad with corrosion resistant alloy (CRA).



PCT

- (22) 30/03/2014
- (21) 0491/2014
- (44) | February 2019
- (45) 18/08/2019
- (11) 29373

(51)	Int. Cl. 8 H04W 88/14, 24/02 & H04M 3/42
(71)	1. NEC CORPORATION (JAPAN) 2. 3.
(72)	 Iwai, Tekanori Tamura, Toshiyuki Zembutsu, Hajime
(73)	1. 2.
(30)	1. (JP) 2011-217384 - 30-09-2011 2. (PCT/JP2012/075219) - 28-09-2012 3.
(74)	MAHMOD RAGAEY
(12)	Patent

(54) COMMUNICATION SYSTEM, METHOD AND APPARATUS Patent Period Started From 28/09/2012 and Will end on 27/09/2032

(57) A core network includes a plurality of nodes that serve as nodes managing mobility of a terminal and that are different with regards to service functions that nodes provide to the terminal. Based on subscriber information and terminal information, a node to be connected to the terminal is selected on the core network side, depending on a service characteristic utilized by the terminal or on a type of the terminal and the terminal is connected to the selected node.



PCT

- (22) 30/05/2013
- (21) | 0931/2013
- (44) March 2019
- (45) 18/08/2019
- (11) 29374

(51)	Int. Cl. 8 B65D 51/28, 25/08, 51/22, 81/32
(71)	1. LEE, Su-jae (KORIA)
	2. LEE, Seong-jae (KORIA)
	3.
(72)	1. LEE, Seong-jae
(, =)	2.
	3.
(73)	1.
	2.
(30)	1. (KR) 10-2010-0120102 - 30-11-2010
()	2. (PCT/KR2011/009238) - 30-11-2011
	3.
(74)	MAHMOUD RAGAEY ELDEKY
(12)	Patent

(54) APPARATUS FOR RECEIVING HETEROGENEOUS MATERIALS Patent Period Started From 30/11/2011 and Will end on 29/11/2031

(57) The prevent invention relates to an apparatus for receiving heterogeneous materials which is coupled to a bent part of a container in which a content such as liquid or the like is contained. The apparatus for receiving the heterogeneous materials includes a main body coupled and fixed to a bent part of a container and a receiving part having a storage space within the main body. In the inner storage space of the receiving part, a foldable connection part is disposed in an upper portion of the storage space and an opening part formed below the foldable connection part breaks a receiving part sealing part sealing a lower end of the receiving part to allow a content within the storage space of the receiving part to drop down into the container, thereby mixing the heterogeneous materials. Here, a foldable soft resin may be added to the foldable connection part.



PCT

- (22) 28/12/2016
- (21) 2020/2016
- (44) | February 2019
- (45) 19/08/2019
- (11) 29375

(51)	Int. Cl. 8 C07C 319/02, 321/04, 319/24, 321/14
(71)	1. ARKEMA FRANCE (FEANCE) 2. 3.
(72)	 FREMY, Georges BARRE, Patrice RAYMOND, Jean-Michel
(73)	1. 2.
(30)	1. (FR) 1456440 - 04-07-2014 2. (PCT/FR2015/051761) - 29-06-2015 3.
(74)	ABD ELHADDI
(12)	Patent

(54) METHOD FOR PREPARING DIMETHYL DISULPHIDE Patent Period Started From 29/06/2015 and Will end on 28/06/2035

(57) The present invention relates to a method for preparing dimethyl disulphide, in batches or continuously, preferably continuously, said method including at least the following steps: a) reacting at least one hydrocarbon feedstock in the presence of hydrogen sulphide (H2S) and optionally sulphur (S) such as to form carbon disulphide (CS2) and hydrogen (H2); b) reacting said carbon disulphide (CS2) by hydrogenation in the presence of said hydrogen (H2) obtained in step a), such as to form methyl mercaptan (CH3SH), hydrogen sulphide(H2S) and optionally hydrogen (H2); c) optionally, but preferably, recirculating said hydrogen sulphide (H2S) formed in step b) to step a); d) reacting the methyl mercaptan formed in step b) with sulphur such as to form dimethyl disulphide and hydrogen sulphide; e) optionally recirculating the hydrogen sulphide formed during step d) to step a); and f) recovering the dimethyl disulphide.



PCT

- (22) 04/12/2008
- (21) 1974/2008
- (44) January 2019
- (45) 19/08/2019
- (11) 29376

(51)	Int. Cl. 8 A61K 31/222, 9/16& A61P 13/10	
(71)	1. SCHWARZ PHARMA AG (GERMANY) 2. 3.	
(72)	1. KOMENDA, Michael	5. BICANE, Fatima
(, -)	2. ARTH, Christoph	6. IRNGARTINER, Meike
	3. LINDNER, Hans	7. PAULUS, Kerstin
	4. MIKA, Hans-Jurgen	,
(73)	1. 2.	
(30)	1. (EP) 06011941.9 - 09-06-2006	
(50)	2. (EP) 06011942.7- 09-06-2006	
	3. (EP) 06011943.5- 09-06-2006	
	4. (PCT/EP2007/055582) - 06-06-2007	
(74)	Abdul Hadi Intellectual Property	
(12)	Patent	

(54) STABILIZED PHARMACEUTICAL COMPOSITIONS COMPRISING FESOTERODINE Patent Period Started From 06/06/2007 and Will end on 05/06/2027

(57) The present application relates to a pharmaceutical composition comprising fesoterodine or a pharmaceutically acceptable salt or solvate thereof and a stabilizer selected from the group consisting of xylitol, sorbitol, polydextrose, isomalt and dextrose.



PCT

- (22) 07/06/2016
- (21) 0958/2016
- (44) February 2019
- (45) 19/08/2019
- (11) 29377

(51)	Int. Cl. 8 A01N 39/04	
	1 DOW ACROSCIENCES LICAUNIE	ED CEAREC OF AMERICA)
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) 2.	
	3.	
(72)	1. MANN, Richard K.	4. MCMASTER, Steve
	2. PETERSON, Mark	5. SORRIBAS AMELA, Monica
	3. WRIGHT, Terry R.	
(73)	1.	
(-)	2.	
(30)	1. (US) 61/914,177 - 10-12-2013	
(0 0)	2. (US) 61/914,195 - 10-12-2013	
	3. (PCT/US2014/069232) - 09-12-2014	
(74)	Amr Mofed El Deeb	
(12)	Patent	

(54) SYNERGISTIC HERBICIDAL WEED CONTROL FROM COMBINATIONS OF 2,4-D-CHOLINE AND GLUFOSINATE Patent Period Started From 09/12/2014 and Will end on 08/12/2034

(57) Provided herein are herbicidal compositions comprising a mixture comprising (a) a choline salt of 2,4-dichlorophenoxyacetic acid (2,4-D-choline) and (b) a salt of 2-amino-4-(hydroxymethylphosphinyl) butanoic acid (glufosinate). The compositions provide synergistic weed control of undesirable vegetation and improved crop tolerance in 2,4-D- and glufosinate-tolerant soybeans, corn, or cotton. The compositions also provide synergistic weed control of undesirable vegetation in areas including, but not limited to, non-crop, perennial crop, fruiting crop, and plantation crop areas.



PCT

(22) 14/06/2009

(21) D11946/2009

(44) March 2019

(45) 19/08/2019

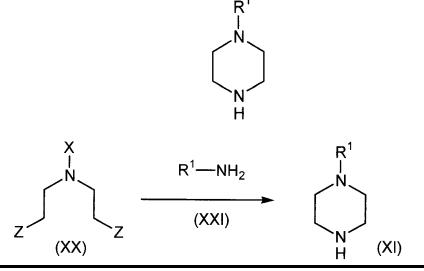
(11) 29378

(51)	Int. Cl. 8 C07D 241/04, 401/10, 403.10, 413/1	0 & A61K 31/4965, 31/5377 & A61P 25/00
(71)	1. JANSSEN PHARMACEUTICA N.V. (BE 2. 3.	LGIUM)
(72)		. PALMER, David . LIU, Jing
(73)	1. 2.	
(30)	1. (US) 60/870,003 - 14-12-2006 2. (PCT/US2007/086936) - 10-12-2007 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) PROCESS FOR PREPARTION OF PIPERAZINYL BENZAMIDE DERIVATIVES

Patent Period Started From 10/12/2007 and Will end on 09/12/2027

(57) The present invention is directed to a novel process for the preparation of piperazinyl and diazapanyl benzamide derivatives, useful for the treatment of disorders and conditions mediated by a histamine receptor, preferably the h3 receptor. More specifically, the process for the preparation of a compound of formula (xi). Comprising reacting a compound of formula (xx), wherein x is hydrogen or nitrogen protecting group and wherein both z substituents are the same and are a leaving group, with a compound of formula (xxi), in an organic solvent, to yield the corresponding compound of formula (xi).





PCT

- (22) 21/08/2016
- (21) 1386/2016
- (44) April 2019
- (45) 19/08/2019
- (11) 29379

(51)	Int. Cl. ⁸ C09D 133/06, 4/00 & C08L 33/06
(71)	 AKZO NOBEL COATINGS INTERNATIONAL B.V. (NETHERLANDS) 3.
(72)	 LARSON, Gary Robert WILHELM, Justin E CINOMAN, Douglas S
(73)	1. 2.
(30)	1. (US) 61/945,523 – 27-02-2014 2. (EP) 14163894.0 – 08-04-2014 3. (PCT/EP2015/053903) - 25-02-2015
(74)	Nahed Wadih Rizk
(12)	Patent

(54) ACRYLIC RESINS AND POWDER COATING COMPOSITIONS AND POWDER COATED SUBSTRATES INCLUDING THE SAME Patent Period Started From 25/02/2015 and Will end on 24/02/2035

(57) An epoxy functional acrylic resin having a Tg of greater than 85°C and a calculated solubility parameter from about 9.20 to about 9.30 (cal/cm3)1/2, powder coating compositions including the same and coated substrates coated with the powder coating composition is described. The resin includes, as copolymerized monomers, from about 10 wt.% to about 40 wt.% of one or more epoxy functional unsaturated monomers; from about 10 wt.% to about 20 wt.% of one or more hydrophobic acrylic monomers, and from greater than 50 wt.% to about 75 wt.% of at least one nonionic copolymer that is different from the hydrophobic acrylic monomers ii), each monomer wt.% based on the total weight of copolymerized monomers in the resin.



PCT

- (22) 06/11/2016
- (21) 1817/2016
- (44) April 2019
- (45) 19/08/2019
- (11) 29380

(51)	Int. Cl. 8 G02B 5/08, 5/20 & A47G 1/00
(71)	 Saint-Gobain Glass (FRANCE) 3.
(72)	 BON SAINT COME, Yémina MEUNIER, Elodie GEORGES, Benoit
(73)	1. 2.
(30)	1. (FR) 1454574 - 21-05-2014 2. (PCT/FR2015/051338) - 21-05-2015 3.
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) COLOURED MIRROR Patent Period Started From 21/05/2015 and Will end on 20/05/2035

(57) The invention relates to a durable coloured mirror comprising a transparent substrate, a reflective metal layer and at least one interface layer between the substrate and the metal layer, characterised in that the interface layer comprises at least one discontinuous metal layer, the so-called discontinuous layer, and at least one layer of a dielectric material deposited on the discontinuous layer, the so-called overlayer. The discontinuous metal layer allows the adaptation of the colour reflected by the mirror. The nominal thickness thereof and the type of material, as well as the nature and thickness of the dielectric overlayer, play a role in obtaining the colour of the mirror.



PCT

- (22) 07/06/2016
- (21) 0968/2016
- (44) May 2019
- (45) 19/08/2019
- (11) 29381

(51)	Int. Cl. 8 B01D 15/08 & B01J 20/20 & C02F 103/34, 101/20, 1/28
(71)	1. EGYPTIAN PETROLEUM RESEARCH INSTITUTE (EGYPT) 2. 3.
(72)	1. TAMER ZAKI ZAKI SHARARA 2. HOWAIDA MAMDOUH ABD-ELSALAM AHMED 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	KHALID ALI ABDEL-ZAHER
(12)	Patent

(54) A METHOD FOR PREPARATION ION SELECTIVE ELECTRODES BASED ON METALORGANIC FRAMEWORKS CONTAINING METAL NICKEL MODIFIED WITH PCYCIODEXTRIN FOR DETERMINATION OF NICKEL IONS IN WATER SAMPLES

Patent Period Started From 067/06/2016 and Will end on 06/06/2016

This patent deals with a method for preparation ion selective electrodes based on metal-organic frameworks containing metal nickel modified with p-cyclodextrin for determination of nickel ions in water samples. The first synthesis of metal-organic frameworks containing metal nickel modified with p- cyclodextrin in the presence microwaves (360watts and 3h) at the ambient pressure, the preparation two different ion selective electrodes, screen-printed (spe) and carbon paste electrodes (cpe) based on metal-organic frameworks containing metal nickel modified with p-cyclodextrin ionophore for determination of ni(ii) in different water samples. These potentiometric sensors respond to ni(ii) ions in the wide linear range of 1.0 x 10^{-8} to 1.0×10^{-1} and 8.5×10^{-8} to 1.0×10^{-1} mol 1-1 with nernstian slopes of 29.85 ± 0.21 and 28.92 ± 0.58 my decade-1 for spe and cpe, respectively. The detection limit of 1.0×10^{-8} and 8.5×10^{-8} mol l-1 was obtained at ph range 2.0-9.0 and 3.0 - 9.0 and fast response with response time of about 3 and 8 s for spe and cpe, respectively. The application of prepared sensors has been demonstrated for the determination of ni(ii) ions in water samples of petroleum wells. The results obtained compared well with those obtained using official method.



PCT

- (22) 27/12/2016
- (21) 2110/2016
- (44) May 2019
- (45) 19/08/2019
- (11) 29382

(51)	Int. Cl. 8 A01N 43/00
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)
	2.
	3.
(72)	1. KHALED MOHAMMED ABD ELNBY
()	2. MAGDA MAHMOUD AMIN SABBOUR
	3.
(73)	1.
(-)	2.
(30)	1.
(/	2.
	3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED
(12)	Patent

(54) Biological composition against lepidopterous pests and method of production Patent Period Started From 27/12/2016 and Will end on 26/12/2036

(57) Make a special biological composition composed of silica and Nostoc algae to control the Lepidopterous pests and exploitation for controlling Lepidopterous insect and Get rid of her.Hence, they affect on insects by absorbing water and fat from body wall of leading to the killing them, also reduce the amount of the substance used . The product was added with addition of silica gel (5.89 nm) + 1ml of Nostoc + 500 ml of distilled water, and a preservative of potassium sorbate with dextrin to encapsulate the nanoparticles so as not to stick together and put them in a small container



PCT

- (22) 28/12/2015
- (21) 2049/2015
- (44) May 2019
- (45) 19/08/2019
- (11) 29383

(51)	Int. Cl. ⁸ F03D 9/25
(71)	1. MOHAMMED SAAD SALEM ALI ESSA (EGYPT)
	2.
	3.
(72)	1. MOHAMMED SAAD SALEM ALI ESSA
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	3.
(73)	1.
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(30)	1.
()	2.
	3.
(74)	
(12)	Patent

(54) THE CENTRAL PROCESSING UNIT IS WORKING TO CONVERT EXHAUST PLANTS TO RENEWABLE ENERGY CAN BE UTILIZED

Patent Period Started From 28/12/2015 and Will end on 27/12/2035

(57) This invention relates to a central processing unit that converts factory waste into renewable energy in order to synthesize a metal mixture consisting of a total of semiconductors. The invention is based on the first of the tailings of the exhaust, such as (factory exhausts, automobile exhausts). A mixture consisting of the heat-absorbing end part of the source and the heat-generating part of the exhaust is made of two different materials (cobalt 59, tin powder) and the source part where the generator heat is released. This latter part reflects a thermal flow offset by an electric current. If the heat resistance of high thermal flow generates a significant drop in temperature, then a thermal effort proportional to the return of the electro thermal voltage, so that this type is the proportion of thermal capacity to the electric capacity resulting from the difference of the thermal voltage to another electrical effort can be directly used. Then the process of separation and filtration of gases is a chemical process by which the gases are filtered and separated and put to take advantage of (oxidation and reduction of gases) is the first and most important in preventing the exhaust carbon out of the atmosphere.



PCT

- (22) 22/08/2016
- (21) 1403/2016
- (44) May 2019
- (45) 19/08/2019
- (11) 29384

(51)	Int. Cl. 8 A01N 25/10, 59/16 & C08L 1/02
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2.
	3.
(72)	1. AHMED SALAMA MOHAMED MOHAMED RAMADAN NEGM
	2.
	3.
(73)	1.
	2.
(30)	1.
	2.
	3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED
(12)	Patent

(54) PREPARATION OF DICARBOXYLIC CELLULOSE DECORATED WITH SILVER NANOPARTICLES AS ANTIBACTERIAL NANOCOMPOSITE MATERIAL

Patent Period Started From 22/08/2016 and Will end on 21/08/2036

(57) The current patent deals with the preparation of dicarboxylic cellulose/silver nanocomposite through the oxidation of microcrystalline cellulose, extracted from plant source, during two steps.

The first step includes the preparation of cellulose dialdehyde through periodate oxidation.

The second step involves the formation of a uniform silver nanoparticles decorated 2, 3 dicarboxylic cellulose fibers. The silver nanoparticles are homogenous spheres with approximately 25 nm. Dicarboxylic cellulose/silver nanocomposite displayed excellent antibacterial activity against gram positive and gram negative bacteria.



PCT

- (22) 14/06/2016
- (21) 1008/2016
- (44) | February 2019
- (45) 19/08/2019
- (11) 29385

(51)	Int. Cl. 8 E21B 43/01, 23/08 & B65/D 88/54 & F17D 1/08	
(71)	 Aker Solutions AS (NORWAY) 3. 	
(72)	 Finn Peter Gjerull Sigvard Omvik Weight of the second of the	
(73)	1. 2.	
(30)	1. (NO) 20131683 - 17-12-2013 2. (PCT/NO2014/050238) - 17-12-2014 3.	
(74)	ABDEL WAHAB MOUSTAFA KAMAL - MADDOCK & BRIGHT IP LAW OFFICE	
(12)	Patent	

SUBSEA FILLER LINE SYSTEM AND METHOD FOR TRANSPORTING VARIOUS FLUIDS THROUGH A MASTER FLOW CONDUIT

Patent Period Started From 17/12/2014 and Will end on 16/12/2034

(57) A subsea filler line system adapted to transport different types of fluids in separate batches through one single supply conduit (1), or flexible line, from the sea surface to respective dedicated storage tanks (T₄-T₆), or vessels, installed on the seabed, is described. The system includes respective valves (V) and control systems to operate the subsea filler line system. The subsea filler line system includes at least two pigs (6, 7) adapted to be pushed by the transported fluid through said supply conduit (1), or flexible line, which pigs (6, 7) further provide a barrier between the respective fluids in front of and behind each pig, thus being able to define respective fluid batches between following pigs, each fluid batch being directed by means of valves (V) through an inlet into said supply conduit (1) and an outlet from said supply conduit and further on to the respective dedicated storage tanks, or vessels, on the seabed.



PCT

- (22) 03/04/2016
- (21) 0564/2016
- (44) January 2019
- (45) 19/08/2019
- (11) 29386

(51)	Int. Cl. ⁸ F16B 2/02 , 5/06 & F24J 2/52
(71)	 Array Technologies, Inc (UNITED STATES OF AMERICA) 3.
(72)	 Ronald P. CORIO John N. WILLIAMSON Kaleb W. McLane
(73)	1. 2.
(30)	1. (US) 14/044,704 - 02-10-2013 2. (PCT/US2014/058041) - 29-09-2014 3.
(74) (12)	HASSAN HASSAN MOSTAFA Patent

(54) MOUNTING BRACKET ASSEMBLIES AND METHODS Patent Period Started From 29/09/2014 and Will end on 28/09/2034

(57) A mounting bracket assembly comprises a flexible body including at least one top member and a flexible angled bottom member connected to the top member. The flexible body defines a beam insertion aperture between the top member and the bottom member. The mounting bracket assembly further comprises at least one clamp attached to the top member. The mounting bracket assembly may further comprise a threaded rod running through the at least one top member and a clamping nut securing the threaded rod to the top member such that rotating the clamping nut compresses the top member and grounds an electricity generating device such as a photovoltaic module. The mounting bracket assembly may further comprise an integral grounding device disposed adjacent the top member to electrically ground the electricity generating device.



PCT

- (22) 15/06/2015
- (21) 0973/2015
- (44) March 2019
- (45) 19/08/2019
- (11) 29387

(51)	Int. Cl. 8 A01N 25/30, 37/18, 35/02, 65/00, 49/00 & A01P 17/00, 1/00	
(71)	1. HENKEL AG & CO. KGAA (GERMANY) 2. 3.	
(72)	 MEIER, Frank KANDZIA, Michael BENDA, Konstantin 	4. KARSTEN, Stefan
(73)	1. 2.	
(30)	1. (EP) 12198602.0 - 20-12-2012 2. (PCT/EP2013/076304) - 12-12-2013 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) INSECT REPELLENT CLEANING COMPOSITION Patent Period Started From 12/12/2013 and Will end on 11/12/2033

(57) The invention relates to an aqueous cleaning composition having insect-repellent properties. Further, the invention is directed to the use of a cleaning composition for providing hard surfaces with insect-repellent properties. The invention is particularly directed to a cleaning composition comprising a combination of at least one cationic surfactant and at least one non-ionic surfactant and an insect repellent compound.



- (22) 26/05/2016
- (21) |0867/2016
- (44) March 2019
- (45) 25/08/2019
- (11) 29388

(51)	Int. Cl. 8 F16L 58/10. 58/18 . 13/02 & B29C 47/08. 63/06 & B05B 13/04
(71)	1. SAIPEM S.P.A (ITALY) 2. 3.
(72)	 KALTCHEV, Momtchil MARINOZZI, Walter
(73)	1. 2.
(30)	1. (IT) MI2013A002004 - 29-11-2013 2. (PCT/IB2014/066430) - 28-11-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) APPARATUS AND METHOD FOR APPLYING PROTECTIVE SHEETING OF POLYMER MATERIAL TO A PIPELINE Patent Period Started From 28/11/2014 and Will end on 27/11/2034

(57) An apparatus for applying protective sheeting of polymer material around a cutback on a pipeline has a frame located close to a pipeline extending along a longitudinal axis (al); a manipulator fitted to the frame and having a guide system movable between a rest position at a distance from the pipeline, and a work position in which the guide system is fitted around the pipeline; and an extrusion die movable selectively along the guide system and around the pipeline to supply and apply protective sheeting around the cutback on the pipeline.



PCT

- (22) 16/11/2015
- (21) 1810/2015
- (44) February 2019
- (45) 25/08/2019
- (11) 29389

(51)	Int. Cl. 8 B02C 2/04, 25/00
(31)	
(71)	1. JTG AND PARTNERS PTY LTD (AUSTRALIA)
(, 1)	2.
	3.
(72)	1. ROPER, Linden, David
, ,	2.
	3.
(73)	1.
	2.
(30)	1. (AU) 2013901788 - 20-05-2013
	2. (PCT/AU2014/000519) - 14-05-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A GRINDING APPARATUS Patent Period Started From 14/05/2014 and Will end on 13/05/2034

A grinding apparatus comprises a receptacle, a grinding element and a drive means. The receptacle has a receptacle inner wall defining a receptacle cavity. The receptacle inner wall is in the general form of a surface of a revolution extending about a central vertically extending receptacle axis (A). The receptacle is rotatable about the receptacle axis (A). The grinding element has a grinding element outer wall in the general form of a surface of revolution extending about a central vertically extending grinding element axis (B). The grinding element axis (B) is generally parallel to the receptacle axis (A) and offset from the receptacle axis (A) by an offset distance (D). The receptacle inner wall and grinding element outer wall together define a grinding chamber within the receptacle cavity. The grinding chamber has a generally annular crosssection. The drive means is adapted to rotationally drive the grinding element about the grinding element axis (B) and/or to rotationally drive the receptacle about the receptacle axis (A). The offset distance (D) may be selectively adjustable.



PCT

- (22) 25/03/2015
- (21) 0454/2015
- (44) March 2019
- (45) 25/08/2019
- (11) 29390

(51)	Int. Cl. 8 A61F 13/496, 13/494, 13/15
(71)	1. UNI-CHARM CORPORATION (JAPAN) 2. 3.
(72)	 OKUBO,TETSUO HASHIMOTO, Tatsuya .
(73)	1. 2.
(30)	1. (JP) 2012-218690 - 28-09-2012 2. (JP) 2013-142160 - 05-07-2013 3. (PCT/JP2013/005481) - 17-09-2013
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	WEARING ARTICLE
	Patent Period Started From 17/09/2013 and Will end on 16/09/2033

(57) In a wearing article including front and rear waist panels and a crotch panel, a pair of leg sheets including backing sheets and leg elastics attached under tension between two layers of the respectively doubled up backing sheets extends along lateral edge portions of the crotch panel, and distal end portions of the leg sheets are attached to respective skin-facing surfaces of the front and rear waist panels through first and second joint regions. In this way, the pair of leg sheets has an elastically contractible region between the first and second joint regions and elastically relaxed regions in end portions located outboard of the first and second joint regions in a longitudinal direction, and the elastically relaxed regions are formed on surfaces thereof with gathers.



PCT

- (22) 01/03/2016
- (21) 0332/2016
- (44) March 2019
- (45) 25/08/2019
- (11) 29391

(51)	Int. Cl. 8 C23C 4/08. 4/18, 28/00 & F16L 58/10
(71)	1. SAINT-GOBAIN PAM (FRANCE)
	2.
	3.
(72)	1. BONDIL, Olivier
` /	2. NOUAIL, Gérard
	3. PEDEUTOUR, Jean-Marc
(73)	1.
(-)	2.
(30)	1. (FR) 1358364 - 02-09-2013
()	2. (PCT/EP2014/067693) - 19-08-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) OUTER COATING FOR BURIED IRON-BASED PIPE ELEMENT, COATED PIPE ELEMENT, AND METHOD FOR DEPOSITING THE COATING

Patent Period Started From 19/08/2014 and Will end on 18/08/2034

(57) The invention relates to an outer coating for a buried pipe element based on iron, especially cast iron, the outer coating comprising a first porous layer and a second porous layer arranged on the first layer and able to block pores of the first layer. The first layer comprises substantially pure zinc or a zinc alloy or pseudo-alloy, the alloy or pseudo-alloy comprising, by weight, at least 50% of zinc, and preferably between 0.5% and 40% of aluminum. The second layer comprises paint based on at least one organic resin, the paint being either single-component in an organic solvent, or dual-component. At least one of the first layer and the second layer comprises a bactericide agent. The invention also relates to a corresponding coated pipe element and method for depositing the coating.



PCT

- (22) 31/07/2011
- (21) 1185/2011
- (44) March 2019
- (45) 27/08/2019
- (11) 29392

(51)	Int. Cl. 8 C07D 231/16, 487/04, & C07F 5/04, 7/08		
(71)	1. INCYTE CORPORATION (UNITED STATES OF AMERICA) 2. 3.		
(72)	 WANG, Haisheng YUE, Tai-Yuen RODGERS, James LIU, Pingli 	5. LI, Mei 6. ZHOU, Jiacheng 7. MELONI, David 8. LIN, Qiyan	9. METCALF, Brian, W 10. XIA, Michael 11. PAN, Yongchun
(73)	1. 2.		
(30)	1. (US) 61/144,991 - 15-01-2009 2. (PCT/US2010/021003) - 14-01-2010 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

(54) PROCESSES FOR PREPARING JAK INHIBITORS AND RELATED INTERMEDIATE COMPOUNDS Patent Period Started From 14/01/2010 and Will end on 13/01/2030

(57) The present invention is related to processes for preparing chiral substituted pyrazolyl pyrrolo[2,3-di]pyrimidines of Formula III, and related synthetic intermediate compounds. The chiral substituted pyrazolyl pyrrolo[2,3-d]pyrimidines are useful as inhibitors of the Janus Kinase family of protein tyrosine kinases (JAKs) for treatment of inflammatory diseases, myeloproliferative disorders, and other diseases.



PCT

- (22) 05/10/2015
- (21) 1618/2015
- (44) | April 2019
- (45) |28/08/2019
- (11) 29393

(51)	Int. Cl. 8 C07C 5/2772, 7/11	
(71)	1. AXENS (FRANCE) 2. 3.	
(72)	 PIGOURIER Jerome PREVOST Isabelle WATRIPONT Laurent 	4. MARTIN Pierre-Yves
(73)	1. 2.	
(30)	1. (FR) 14/60.090 – 20-10-2014 2. 3.	
(74)	MAGDA SHEHATA HAROUN	
(12)	Patent	

(54) A PROCESS FOR PREPARATION OF ISOMERIC COMPOUNDS OF C5/C6 WITH CHLORINE

Patent Period Started 05/10/2015 From and Will end on 04/10/2035

- (57) The present invention relates to the preparation of carbonic isomeric compound comprising cs and/or c6 hydrocarbon, in which process:
 - 1 an isomerization unit is supplied with at least one liquid fraction of feed of hydrocarbon compounds and the isomerization is carried out in the presence of a chlorinated catalyst;
 - 2 a stabilization unit comprising at least one stabilisation column is supplied with the effluent obtained from the contacting unit and a separation is carried out in said stabilization unit;
 - 3 an absorption unit comprising at least one absorption column;
 - 4 a liquid flow containing at least one isomerate of the feed hydrocarbon compound is extracted from the stabilization unit .

Arab Republic of Egypt

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



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN SEPTEMBER 2019"

Egyptian Patent Office

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(PATENT No. 29434)	(42)
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(PATENT No. 29439)	(47)
(PATENT No. 29440)	(48)

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.

President of Patent Office

Dr. Mona M. Yehia

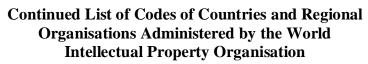
Bibliographic data

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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
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Inventor Name	72
Patentee Name	73
Patent Attorney Name	74



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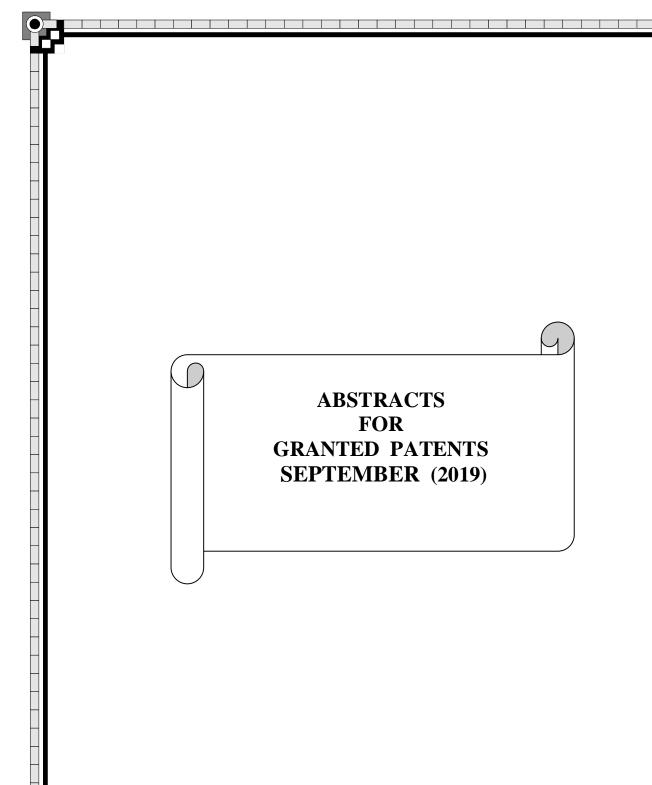
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UZ	Uzbekistan
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VN	Viet Nam
YD	Yemen
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ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe





PCT

- (22) 16/12/2012
- (21) 2068/2012
- (44) March 2019
- (45) 01/09/2019
- (11) 29394

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	2. LIN, Zuoqian (CHINA) 3.
(72)	1. JIANG, Xiaohui
(, _)	2. LIN, Zuoqian
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(73)	1.
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(30)	1. (CN) 201010204868.5 - 21-06-2010
	2. (PCT/CN2010/077861) - 19-10-2010
	3.
(74)	MAHMOUD ADEL ABD EL HAMMED ESMAEL
(12)	Patent

(54) NEEDLE-EXCHANGEABLE AND SELF-DESTRUCTION INSULIN SYRINGE Patent Period Started From 19/10/2010 and Will end on 18/10/2030

(57) A self-destroying insulin syringe comprises a barrel, a push rod movable within the barrel, and a rubber piston installed on the push rod and being contacted with an inner wall of the barrel. The rubber piston is of being hollow, and has an open bottom surface and a top portion having a bore. The push rod comprises a conical boss, a conical surface and a stop piece. The conical boss is located at a leading end of the push rod for activating a self-destroying mechanism upon completion of the injection. The conical boss is configured to pass through the bore of the rubber piston and extend outside the top portion of the rubber piston. The stop piece is located under the conical boss and configured to deform by being pushed against the bottom surface of the rubber piston at the end of injection such that the conical boss of the push rod is advanced further to activate the selfdestroying mechanism. The stop piece is in a cross or multi-rib shape. Accordingly, the push rod can be pushed to move with a merely relatively small force so that the conical boss is further advanced to activate the selfdestroying mechanism, and pain of patients is relieved.



PCT

- (22) 20/10/2008
- (21) 1724/2008
- (44) May 2019
- (45) 01/09/2019
- (11) 29395

(51)	Int. Cl. 8 C25D 13/06
(71)	1. SA FROMFROID (FRANCE)
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(72)	1. PAUPARDIN, MICHEL
	2. PAUPARDIN, BENOIT
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(73)	1.
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(30)	1. (FR) 0752825 - 23-01-2007
(30)	2. (FR) 0603570 - 21-04-2007
	3. (PCT/FR2007050955) - 20-03-2007
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FACILITY FOR HEAT TREATING PRODUCTS PLACED ON A PALLET OR THE LIKE

Patent Period Started From 20/03/2007 and Will end on 19/03/2027

(57) The invention relates to a facility for heat treating products placed on a pallet or the like including at least one chamber, means for the insertion of a pallet, means for conveying the pallet between an input and an output, means for blowing air through the products on a pallet. It is characterised in that the facility further includes longitudinal, lifting separation means, placed substantially in the main axis of said at least one chamber, thereby preventing the airflow between the upper surface of each pallet present in the chamber and the ceiling of said at least one chamber.

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



PCT

- (22) 15/12/2016
- (21) 2038/2016
- (44) May 2019
- (45) 01/09/2019
- (11) 29396

(51)	Int. Cl. 8 C01C 1/04 & B01J 19/00
(71)	1. CASALE SA (SWITZERLAND) 2. 3.
(72)	 OSTUNI, Raffaele SKINNER, Geoffrey Frederick
(73)	1. 2.
(30)	1. (EP)14173042.4 - 18-06-2014 2. (PCT/EP2015/062329) - 03-06-2015 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

PROCESS FOR PRODUCTION OF AMMONIA AND DERIVATIVES, IN PARTICULAR UREA

Patent Period Started From 03/06/2015 and Will end on 29/06/2035

(57) A process for producing ammonia and a derivative of ammonia from a natural gas feed comprising conversion of natural gas into a make-up synthesis gas; synthesis of ammonia; use of said ammonia to produce said derivative of ammonia, wherein a portion of the natural gas feed is used to fuel a gas turbine; power produced by said gas turbine is transferred to at least one power user of the process, such as a compressor; heat is recovered from exhaust gas of said gas turbine, and at least part of said heat is recovered as low-grade heat available at a temperature not greater than 200 °C, to provide process heating to at least one thermal user of the process, such as CO2 removal unit or absorption chiller; a corresponding plant and method of modernization are also disclosed.



PCT

- (22) 30/12/2012
- (21) 2151/2012
- (44) May 2019
- (45) |01/09/2019
- (11) 29397

(51)	Int. Cl. ⁸ B22D 41/50
(71)	1. Vesuvius usa Corporation (UNITED STATES OF AMERICA) 2. 3.
(72)	1. RICHAUD, Johan 2. 3.
(73)	1. 2.
(30)	1. (US) 61/361,265 - 02-07-2010 2. (PCT/US2011/036068) - 11-05-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A POUR TUBE FOR USE IN CASTING A MOLTEN METAL Patent Period Started From 11/05/2011 and Will end on 10/05/2031

A pour tube for use in casting molten metal has a pour tube central longitudinal axis and comprising an inner surface defining a bore and a port distributor in fluid communication, and an outer surface having at least two exit ports, wherein each port has a straight central longitudinal axis, wherein the exit ports are in fluid communication with the port distributor, wherein the port distributor is located downstream of the bore, and wherein the port distributor has a greater radius with respect to the pour tube longitudinal axis than does the bore, and wherein the exit port central longitudinal axes do not intersect the pour tube longitudinal axis, and wherein the exit ports comprise an inner wall and an outer wall, each in communication with the port distributor and the outer surface, wherein the outer wall has a greater length than the inner wall, and wherein the exit ports are spaced regularly at a rotation angle theta around the periphery of the port distributor, and wherein the exit ports have a port width of at least $2r_{pd} \sin(\frac{1}{2})^2$ wherein r_{pd} is the port distributor radius and theta is the rotation angle around the periphery of the port distributor occupied by the port, expressed in radians.



PCT

- (22) |18/08/2010
- (21) | 1408/2010
- (44) May 2019
- (45) 01/09/2019
- (11) 29398

(51)	Int. Cl. ⁸ C09K 8/46, 8/46, 8/467 & C04B 28	//02
(71)	 HALLIBURTON ENERGY SERVICES 3. 	, INC. (UNITED STATES OF AMERICA)
(72)	 BRENNEIS, Darrell, Chad KING, Bobby, Joe CHATTERJI, Jiten 	4. RODDY, Craig, Wayne
(73)	1. 2.	
(30)	1. (US) 12/034,886 - 21-02-2008 2. (PCT/GB2009/000295) - 03-02-2009 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) EXTENDED SETTABLE COMPOSITIONS COMPRISING CEMENT KILN DUST AND ASSOCIATED METHODS Patent Period Started From 03/02/2009 and Will end on 02/02/2029

(57) An embodiment of the present invention includes a method of cementing in a subterranean formation comprising: providing an extended settable composition comprising hydraulic cement, cement kiln dust, water, and a set retarding additive, wherein the extended settable composition is capable of remaining in a pumpable fluid state for at least about 1 day; adding a cement set accelerator to the extended settable composition; introducing the extended settable composition into a well bore; and allowing the extended settable composition to set. Another embodiment of the present invention includes a method of cementing in a subterranean formation comprising: providing an extended settable composition comprising hydraulic cement, cement kiln dust, water, and a set retarding additive; storing the extended settable composition; adding a cement set accelerator to the extended settable composition; introducing the extended settable composition into a well bore; and allowing the extended settable composition to set.



PCT

- (22) 15/06/2016
- (21) 1039/2016
- (44) May 2019
- (45) 01/09/2019
- (11) 29399

(51)	Int. Cl. 8 B65G 49/04
(71)	1. GEICO SPA (ITALY)
	2.
	3.
(72)	1. COVIZZI, Giampaolo
	2. COLOMBAROLI, Paolo
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(73)	1.
(-)	2.
(30)	1. (IT) MI2013A002152 - 20-12-2013
(0 0)	2. (PCT/IB2014/066978) - 16-12-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PLANT FOR THE IMMERSION TREATMENT OF BODYWORKS Patent Period Started From 16/12/2014 and Will end on 15/12/2034

(57) A plant for the dip-treatment of bodies comprises at least one skid intended to support a body to be treated; at least one process liquid tank; a skid transportation line; a system for overturning and immersing the body on the skid which has been positioned above the tank by means of the transportation line. The overturning system consists of coupling means which connect a shaft of the skid with a motor. The coupling means of the skid's shaft and the coupling means of the motor are connected by a movement in a direction transverse to the skid's shaft.



PCT

- (22) 01/06/2015
- (21) 0845/2015
- (44) March 2019
- (45) 01/09/2019
- (11) 29400

(51)	Int. Cl. 8 A01N 43/836
(71)	1. MONSANTO TECHNOLOGY LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	 DING, Yiwei SELNESS, Shaun Raj SLOMCZYNSKA, Urszula J
(73)	1. 2.
(30)	1. (US) 61/733,239 - 04-12-2012 2. (PCT/US2013/073128) - 04-12-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) NEMATICIDAL AQUEOUS SUSPENSION CONCENTRATE COMPOSITIONS

Patent Period Started From 04/12/2013 and Will end on 03/12/2033

(57) Provided herein are aqueous suspension concentrate compositions comprising biologically active 3,5-disubstituted-1,2,4-oxadiazoles or salts thereof that are useful, for example, in the control of nematodes. Nematodes are active, flexible, elongate organisms that live on moist surfaces or in liquid environments, including films of water within soil and moist tissues within other organisms. Many species of nematodes have evolved to be very successful parasites of plants and animals and, as a result, are responsible for significant economic losses in agriculture and livestock.



PCT

- (22) 17/10/2016
- (21) 1708/2016
- (44) April 2019
- (45) 01/09/2019
- (11) 29401

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(51)	Int. Cl. 8 A61H 7/00
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(=4)	1 I DC C (ED ANCE)
(71)	1. LPG Systems (FRANCE)
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(72)	1. FUSTER, Arnaud
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(=0)	
(73)	1.
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(30)	1. (FR) 1455163 - 06-06-2014
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	3.
(74)	NAHED WADIH RIZK
(12)	Patent
(14)	

(54) MASSAGE HEAD AND MASSAGE APPARATUS USING SUCH A HEAD

Patent Period Started From 17/04/2015 and Will end on 16/04/2035

(57) The invention relates to a massage head which comprises a housing defining an inner chamber inside of which a skin fold is formed when the head is applied to the skin of a patient, said fold coming into contact with the lower edges of the chamber. Said chamber is defined by two side walls and by two transverse walls, at least one of said transverse walls being made up of a valve to which a pivoting movement can be imparted, o as to move the lower edge of said transverse walls towards and away from one another in contact with the skin fold. The valve is hinged near the upper end thereof to the side walls. The pivoting of the valve is obtained by means of a gear reducer mounted stationary inside said valve, the output shaft of which drives the rotation of a cam, held in a cam race rigidly secured to one of the side walls of the inner chamber.



PCT

- (22) 26/02/2012
- (21) 0332/2012
- (44) June 2019
- (45) 08/09/2019
- (11) 29402

(51)	Int. Cl. 8 A01N 25/00, 25/02 & A01P 3/00
(71)	1. MOHAMED ASHOUR FIKRY (EGYPT)
	2. 3.
(72)	1. MOHAMED ASHOUR FIKRY
	2. 3.
(73)	1.
(20)	2. 1.
(30)	2.
	3.
(74)	FOCAL POINT - ALEX UNIVERSTY
(12)	Patent

(54)	A NATURAL BIOCIDE FORMULA EXTRACTED FROM SOME
	NATURAL SOURCES TO RESIST PATHOGENIC BACTERIA
	AFFECTING PLANTS, FISH AND CRUSTACEANS
	Patent Period Started From 26/02/2012 and Will end on 25/02/2032

(57) The formula is a natural biocide composed of honey and extract of black seeds nigella sativa to control pathogenic bacteria affecting plants, fish, shellfish and crustaceans. The mixer between the two compounds is 1:1. The mixing and extraction as explain in the full text.



PCT

- (22) 12/09/2013
- (21) 1430/2013
- (44) June 2019
- (45) 08/09/2019
- (11) 29403

(51)	Int. Cl. 8 C08H 8/00
(71)	1. ABD ELMONEM ABD ALLA MOHAMED NASR (EGYPT)
	2.
	3.
(72)	1. ABD ELMONEM ABD ALLA MOHAMED NASR
	2.
	3.
(73)	1.
	2.
(30)	1.
()	2.
	3.
(74)	
(12)	Patent

(54) METHOD FORSEPERATION OF RICE STRAW COMPONENTS AND OTHER AGRICULTURAL WASTES TO THE ORIGINAL COMPONENTS

Patent Period Started From 12/09/2013 and Will end on 11/09/2033

- (57) THIS INVENTION IS RELATER TO FORSEPERATION of Rice Straw Components and other Agricultural Wastes to THE ORIGINAL COMPONENTS
 - A- Mechanical treatments (grinding , washing , drying and sifting)
 - B- Chemical treatments 1- Extraction of fats and waxes . SEPARATION OF holocellulose and lignin. SEPARATION OF cellulose & silica and hemicellulose



PCT

(22) 26/09/2013

- (21) | 1497/2013
- (44) June 2019
- (45) 08/09/2019
- (11) 29404

(51)	Int. Cl. 8 C02F 3/00
(71)	1. SCIENCE AND TECHNOLOGY DEVELOPMENT FUND (EGYPT)
	2.
	3.
(72)	1. AHMED SHAFIK AHMED EL-GENDY
	2. WALID ABDEL- HALIM SALEM
	3. SOHAIR IMAM MOHAMED ABOU- ELELA
(73)	1.
(,)	2.
(30)	1.
(00)	2.
	3.
(74)	MARWA ALAA EL DIN MOHAMED ABDEL-MEGUID
(12)	Patent

(54) A COMPACT SYSTEM FOR WASTEWATER TREATMENT IN SMALL COMMUNITIES

Patent Period Started From 26/09/2013 and Will end on 25/09/2033

- (57) This patent is concerned with a compact system for wastewater treatment in small communities. It consists of several stages namely;
 - 1 Stage Up-flow anaerobic sludge blanket packed with a Non-Woven Polyester Fabric (NWPF)
 - 2- Stage: Biological aerated filter packed with different configurations of (NWPF).
 - 3 Stage: Inclined plate settler.
 - 4- Disinfection Basin



PCT

- (22) 13/10/2014
- (21) 1619/2014
- (44) June 2019
- (45) 08/09/2019
- (11) 29405

(51)	Int. Cl. 8 G01D 11/24, G01L 27/005, 21/67253 &G01N 33/00
(71)	1. MAGED ELSAYED ABD ELAZIZ SOBHY (EGYPT) 2. 3.
(72)	1. MAGED ELSAYED ABD ELAZIZ SOBHY 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	UTILTY MODEL
(12)	Patent

Photocell Adjust Unit FOR INDUSTRIAL PRODUCTION LINES

Patent Period Started From 13/10/2014 and Will end on 12/10/2021

(57) A Photocell Adjust Unit FOR INDUSTRIAL PRODUCTION LINES device for industrial production lines is a mobile unit that operates by dry batteries -the total output voljtage used by these batteries is 24 volts produces a continuous current 7 amps/h (series connected together)

which can only be solved by Stopping the production line and the production process.

the main idea of the device is how to fix faults at unconventional and fast ways as well,

the advantages of the machine are the ease of moving it and its work on the production line from anywhere as needed, and also we can recharge the device in a short the device is used in most production lines, especially the production lines of Baked such as (the Batet and Croissant)



PCT

- (22) 08/06/2015
- (21) 0915/2015
- (44) June 2019
- (45) |08/09/2019
- (11) 29406

(51)	Int. Cl. 8 A23D 9/007, & A61P 39/06
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	1. HANAA MOHAMAD SOLIMAN HASAN 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED,
(12)	Patent

(54) TITLE PREPARATION OF AN ANTIOXIDANT COMPOUND FROM NATURAL PRODUCTS THAT CAN BE SOLUBLE IN BOTH POLAR AND NON-POLAR SUBSTANCES Patent Period Started From 08/06/2015 and Will end on 07/06/2035

(57) The present invention relates to the preparation of an antioxidant compound from natural products that can be soluble in both polar and non-polar substances by loading a polyphenolic compound, tannic acid, on a fatty acid, stearic acid. As this antioxidant has high ability to capture free radicals, and able to be dissolved in water and oil, it could be used in so many applications. Therefore, it shows a high efficiency in raising the frying oil stability and consequently increases the validity period and increases the number of frying times. In addition, it could be used to prevent rust formation, prevent fuel polymerization within engines, as a water purification agent from heavy metals, and as a dietary supplement



PCT

- (22) 30/07/2015
- (21) 1194/2015
- (44) June 2019
- (45) 08/09/2019
- (11) 29407

(51)	Int. Cl. 8 A43D 89/00
(71)	1. OMAR HASSAN MAHMOUD ALI (EGYPT)
	2. 3.
(72)	1. OMAR HASSAN MAHMOUD ALI 2.
	3.
(73)	1.
(30)	2. 1.
(50)	2.
(74)	3.
(12)	Patent

(54)	LAND SURFACING LISAR
	Patent Period Started From 30/07/2015 and Will end on 29/07/2035

(57) The present invention relates to machine mounted onto bulldozer and installed on a balancing device. It has been successfully tried on cultivating lands. This machine saves 20% of Egypt water as well as saving solar and power required for irrigating lands for millions of farmers.



PCT

- (22) 21/08/2016
- (21) | 1396/2016
- (44) June 2019
- (45) 08/09/2019
- (11) 29408

(51)	Int. Cl. 8 B60K 15/03
(71)	1. Smart Egypt for Innovations (EGYPT) 2. 3.
(72)	1. ALAA MOHAMED HASSANEN 2. AWAD MOHAMED HASSANEN 3. MOHAMED AHMED EL HADY 4. MOHSEN HASSAN MORSY 5. AHMED ABD ELLATEEF MOHAMED 6. ESSAM MOHAMED HUSSIEN 7. FARED MAHMOUD KAMEL
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) INTELLIGENT "EXPLOSION "INHIBITOR Patent Period Started From 21/08/2016 and Will end on 20/08/2036

(57) The current invention has been carried out to prevent and reduce the expolsion possibilities in petroleum storage fields, and any type of vessel that contain oil & gas derivatives. the "intelligent, explosion, inhibitor" prepared alloy consists of aluminum, a nano active carbon, graphene nano sheets and several other metallic elements. the advantage of using the "intelligent explosion inhibitor" fabricated alloy could be attributed to the high absorbance, adsorption, high porosity and high surface area as well. also it curbs the movement of gas and vapour particles, and improves the flash point by 35% and the ignition point by 40%, and reduces evaporation by 70% and thus prevents the explosion of oil and gas storage; if exposed to (fires-collisions-static electricity & elevated heat). furthermore, in our invention, sodium polyacrelate can be added to the crude oil to reduce the water contents and so; prevent further explosion.



PCT

(22) 29/12/2016

(21) 2127/2016

(44) June 2019

(45) |08/09/2019

(11) 29409

(51)	Int. Cl. 8 B02C 13/28
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2.
	3.
(72)	1. HANI MOHAMED MEHANNA 2. MAHER FATHI
	3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED,
(12)	Patent

(54) A HORTICULTURAL WASTES SHREDDER MACHINE FOR COMPOST

Patent Period Started From 29/12/2016 and Will end on 28/12/2036

(57) The current invention relates to designmanufacture a horticultural waste shredder or chopper, max. 4 cm diameter, which produces a thick product, useful in accelerating the compost industry, whereas the compost is very important for organic fertilization in agriculture in Egypt. This machine consists of a hopper, a drum with four knives fixed on it, (this drum is flexible to be moved to control the product thickness, 5-2 mm) a motor with 3000 rpm, two rollers and a belt (to convert the move from the motor to the drum), and finally the bottom outlet. This machine is characterized by simplicity and cheap price as well as to control the thickness of the shredder product, which reduces the duration of the compost industry.



PCT

- (22) 04/05/2016
- (21) 0760/2016
- (44) February 2019
- (45) 09/09/2019
- (11) 29410

(51)	Int. Cl. 8 C07D 231/12, 207/337, 261/08, 401/04 & A01N 43/56, 43/72, 43/80 & A01P 7/00		
(71)	1. BAYER CROPSCIENCE AKTIENGESELLSCHAFT (GERMANY) 2. 3.		
(72)	 HALLENBACH, Werner SCHWARZ, Hans-Georg ILG, Kerstin GORGENS, Ulrich 	5. KOBBERLING, Johannes6. TURBERG, Andreas7. BOHNKE, Niels8. MAUE, Michael	9. VELTEN, Robert 10. HARSCHNECK, Tobias 11. HAHN, Julia Johanna 12. HORSTMANN, Sebastian
(73)	1. 2.	,	, ,
(30)	1. (EP) 13191610.8 - 05-11-20 2. (EP) 14181149.7 - 15-08-20 3. (PCT/EP2014/073794) - 05	14	
(74)	SMAS Intellectual Property		
(12)	Patent		

(54) SUBSTITUTED BENZAMIDES FOR TREATING ARTHROPODES Patent Period Started From 05/11/2014 and Will end on 04/11/2034

(57) The invention relates inter alia to compounds of general formula (I), in which the groups A1-A4, T, n, W, Q, R1 and B1-B4 are defined as cited in the description. Further disclosed are methods for producing the compounds of formula (I). The compounds according to the invention are in particular suitable for controlling insects, arachnids and nematodes in agricultural applications and for controlling ectoparasites in veterinary medicine.



PCT

- (22) 17/10/2016
- (21) 1701/2016
- (44) May 2019
- (45) 10/09/2019
- (11) 29411

(51)	Int. Cl. 8 C02F 1/52
(71)	1. ANDRITZ AG (AUSTRIA) 2. 3.
(72)	 HOCHEGGER, Ursula SPIELMANN, Christoph 3.
(73)	1. 2.
(30)	1. (AU) A 291/2014 - 23-04-2014 2. (PCT/EP2015/057947) - 13-04-2015 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD AND DEVICE FOR DEWATERING SLUDGE ON A SCREEN

Patent Period Started From 13/04/2015 and Will end on 30/04/2035

(57) The invention relates to a method for the dewatering of sludge on a screen, wherein a flocculant is admixed with sludge, whereafter the sludge is at least partially dewatered, the flow behaviour of the sludge on the screen being optically detected and the amount of flocculant to be admixed being set according to the free screen surface in a control region. The invention is primarily characterized in that the control region is arranged at a point of the cleaned screen in the inlet area of the sludge, this invention is related to device for using this method.



PCT

- (22) 08/09/2014
- (21) 1426/2014
- (44) March 2019
- (45) 11/09/2019
- (11) 29412

(51)	Int. Cl. 8 C07K 19/00 , 1/10 & A61K 47/4	48
(71)	1. HANMI SCIENCE CO., LTD (KORE 2. 3.	ZA)
(72)	 LEE, Jong-Soo BAE, Sung Min JANG, Myung Hyun 	4. KIM, Dae Jin5. KWON, Se Chang6. KIM, Min Young
(73)	1. 2.	
(30)	1. (KR) 10-2012-0024136 - 08-03-2012 2. (PCT/KR2013/001885) - 08-03-2013	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) AN IMPROVED PROCESS FOR PREPARATION OF PHYSIOLOGICALLY ACTIVE POLYPEPTIDE COMPLEX Patent Period Started From 08/03/2013 and Will end on 07/03/2033

(57) Disclosed is a method for the preparation of a complex in which a physiologically active polypeptide is covalently bonded to an immunoglobulin constant region via a non-peptidyl linker. The method is characterized by the employment of a reducing agent, by which conventional problems of low production yield and modification of the polypeptide can be overcome. The physiologically active polypeptide-non-peptidyl polymer-immunoglobulin constant region complex can be produced with high purity and yield as well as at low cost. Thus, the method is industrially useful. Moreover, by exhibiting a prolonged action profile, the physiologically active polypeptide-non-peptidyl polymer-immunoglobulin constant region complex can be effectively used for developing long-acting formulations of physiologically active polypeptides which have improved drug compliance.



PCT

- (22) 03/06/2015
- (21) 0871/2015
- (44) | March 2019
- (45) 11/09/2019
- (11) | 29413

(51)	Int. Cl. 8 H04W 72/07, 76/02	
(71)	1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA) 2. 3.	
(72)	1. NAN, Mingkai	5. LI, Junyi
	2. WANG, Hua	6. TSIRTSIS, Georgios
	3. LI, Yan	
(73)	1.	
	2.	
(30)	1. (US) 13/706,840 - 06-12-2012	
()	2. (PCT/US2013/073519) - 06-12-2013	
	3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) TRANSMISSION AND RECEPTION TIMING FOR DEVICE-TO-DEVICE COMMUNICATION SYSTEM EMBEDDED IN A CELLULAR SYSTEM

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

(57) A method, an apparatus, and a computer program product for wireless communication are provided. The apparatus determines at least one time-frequency resource among resources of a cellular communication system to be used for device-to-device (D2D) communication, identifies a propagated start point of a first portion of the at least one time-frequency resource, and begins transmission of the D2D signal from a transmission start point. The transmission start point is based on the propagated start point and a cellular communication system downlink timing offset to the propagated start point. The apparatus also identifies a propagated end point of a last portion of the at least one time-frequency resource and ends transmission of the D2D signal at a transmission end point. The transmission end point is based on the propagated end point and a cellular communication system downlink timing advance to the propagated end point.



PCT

- (22) 06/09/2016
- (21) 1489/2016
- (44) April 2019
- (45) 15/09/2019
- (11) 29414

(51)	Int. Cl. 8 C07D 213/75
(71)	1. MEIJI SEIKA PHARMA CO., LTD (JAPAN) 2. 3.
(72)	 NAKANISHI Nozomu KITSUDA Shigeki FUKUDA Yoshimasa
(73)	1. 2.
(30)	1. (JP) 2014-046202 - 10-03-2014 2. (PCT/JP2015/056409) - 04-03-2015 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD FOR PRODUCING 2-ACYLIMINOPYRIDINE DERIVATIVE

Patent Period Started From 04/03/2015 and Will end on 03/03/2035

(57) A method for producing a compound represented by formula (I), which comprises: a step of acylating an amino group located at position-2 in a compound represented by formula (A) using trifluoroacetic acid as an acylating agent, thereby producing a compound represented by formula (B); and a step of further alkylating a nitrogen atom located at position-1 in the compound represented by formula (B).



PCT

- (22) 05/11/2015
- (21) 1759/2015
- (44) April 2019
- (45) 15/09/2019
- (11) 29415

(51)	Int. Cl. 8 B29C 65/34, 65/30, 65/22 & F16L 47/03, 21/00
(71)	1. TSC INNOVATION AB (SWEDEN)
, ,	2.
	3.
(72)	1. GUNNARSSON, Lars
, ,	2.
	3.
(73)	1.
(-)	2.
(30)	1. (PCT/SE2013/050524) - 08-05-2013
(0 0)	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD AND APPARATUS FOR INSTALLATION AND REPAIR OF PIPE SYSTEM

Patent Period Started From 08/05/2013 and Will end on 07/05/2033

(57) This invention concerns a method for joining or repairing a pipe system that comprises a least two pipes made of weldable plastic material comprising fitting a sleeve made of weldable plastic material the distance between the two pipes, the sleeve having a length A that exceeds the distance B between the mutually opposing pipes, such as to overlap each pipe end to a given extent C. The method has the working steps; placing an electrically conductive band around one of the pipes, the band having two ends; connecting the band ends to each other by placing the band ends overlapping each other; fitting the sleeve over and against the pipe and the band, and applying an electric current to the band over a given period of time, thereby heating the band to a determined temperature for a determined time and fusing the band with the plastic surfaces of the pipe and the sleeve lying in abutment therewith to form a welding joint being fully executed around the pipe and inside the sleeve. The invention also concerns an apparatus to be used when working according to the method.



PCT

- (22) 15/05/2014
- (21) 0788/2014
- (44) April 2019
- (45) 15/09/2019
- (11) 29416

(51)	Int. Cl. ⁸ G01B 11/06 & G01N 25/72
(71)	1. BONIN, Michel, Pierre (UNITED STATES OF AMERICA)
. ,	2. HOOG, Jared, Hubert (UNITED STATES OF AMERICA)
	3. HARVILL, Thomas, Lawrence (UNITED STATES OF AMERICA)
(72)	1. BONIN, Michel, Pierre
	2. HOOG, Jared, Hubert
	3. HARVILL, Thomas, Lawrence
(73)	1.
	2.
(30)	1. (US) 13/296,301 - 15-11-2011
(00)	2. (PCT/US2012/064727) - 12-11-2012
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) APPARATUS, PROCESS, AND SYSTEM FOR MONITORING THE INTEGRITY OF CONTAINERS

Patent Period Started From 12/11/2012 and Will end on 11/11/2032

(57) Apparatuses, systems, and methods to monitor the integrity of a container protected by a refractory material are disclosed having a first radiation detector to measure an external surface temperature of the container, a first radiation source to measure a thickness of the refractory material, and a central controller configured to display to a user the measurement of the external surface temperature of the container and the measurement of the thickness of the refractory material.



PCT

- (22) 19/05/2016
- (21) 0848/2016
- (44) April 2019
- (45) 11/09/2019
- (11) 29417

(51)	Int. Cl. 8 B42D 25/00, & G 06K 19/06	
(71)	1. THALES (FRANCE) 2.	
	3.	
(72)	1. ROBIN, Philippe	4. BELKHITER, Djilali
(, -)	2. COHEN, Marc	5. LAFON, Jean-Pierre
	3. QUEMENEUR, Jean-Yves	6. NOUVEL, Patrick
(73)	1.	
(,0)	2.	
(30)	1. (FR) 13 02660 - 18-11-2013	
(50)	2. (PCT/EP2014/074979) - 19-11-2014	
	3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) IDENTIFICATION DOCUMENT COMPRISING A TWO-DIMENSIONAL BARCODE Patent Period Started From 19/11/2014 and Will end on 18/11/2034

(57) The present invention relates to an identification document comprising a physical medium having at least one alphabetical inscription for identifying the document holder, and at least one two-dimensional barcode for identifying the document holder. The document comprises at least two two-dimensional barcodes in which complementary portions of a single identification file (IFID) of the document holder are encoded.



PCT

- (22) 19/11/2012
- (21) 1919/2012
- (44) May 2019
- (45) 18/09/2019
- (11) 29418

(51)	Int. Cl. 8 B65D 51/22, 41/34
(71)	1. TETRA LAVAL HOLDINGS & FINANCE S.A (SWITZERLAND) 2. 3.
(72)	1. HAKANSSON, Bengt 2. DAHL, GOran 3.
(73)	1. 2.
(30)	1. (SE) 1000541-1 - 20-05-2010 2. (PCT/EP2011/057886) - 16-05-2011 3.
(74)	MAHMOUD RAGAEY ELDEKY
(12)	Patent

(54) A CAP WITH A TAMPER EVIDENCE AND A SPOUT Patent Period Started From 16/05/2011 and Will end on 15/05/2031

(57) A screw cap arranged to interact with a spout comprises a top section, a side wall section attached to the top section and a tamper element attached to the side wall section in a tearing interface. The tearing interface may be provided with a weakening line that is arranged to break when said cap is unscrewed such that said tamper element is separated from said side wall section. The cap further comprises at least one resilient cutting element arranged to said side wall. The at least one resilient cutting element is arranged to cut off a membrane of the spout when said cap is unscrewed. The cap is arranged such that said weakening line is arranged to break before said membrane of said spout is cut off when said cap is being unscrewed from said spout.



PCT

- (22) 03/04/2011
- (21) 0507/2011
- (44) April 2019
- (45) 18/09/2019
- (11) 29419

(51)	Int. Cl. 8 A 61K 31/381, 9/00, 9/14, 9/16, A 61P 11/00, 11/06
(71)	1. LABORATORIOS LICONSA, S.A. (SPAIN) 2.
	3.
(72)	1. AMIGHI, Karim
	2. SERENO GUERRA, Antonio 3.
(52)	
(73)	1. 2.
(30)	1. (EP) 08382040,7 - 02-10-2008
(0 0)	2. (US) 61/104,113 – 09-10-2008
	3. (PCT/EP2009/062821) - 02-10-2009
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) INHALABLE PARTICLES COMPRISING TIOTROPIUM Patent Period Started From 02/10/2009 and Will end on 10/10/2029

(57) The present invention relates to inhalable particles comprising a stabilized amorphous form of tiotropium with a stabilizing agent. It also relates to inhalable particles comprising a stabilized amorphous form of tiotropium with a stabilizing agent mixed with one or more coarse excipients having a mean particle size of 15 to 250 m. It also relates to a pharmaceutical composition comprising the inhalable particles of the invention, to a process for their preparation, and to their use for the preparation of a medicament for the treatment of asthma or chronic obstructive pulmonary disease (COPD).



PCT

- (22) 23/10/2016
- (21) 1739/2016
- (44) June 2019
- (45) 18/09/2019
- **(11)** | **29420**

(51)	Int. Cl. 8 C07C 273/12 & C07D 251/60
(71)	1. CASALE SA (SWITZERLAND) 2. 3.
(72)	 BERTINI, Paolo DI CARLO, Gabriele .
(73)	1. 2.
(30)	1. (EP) 14166190.0 - 28-04-2014 2. (PCT/EP2015/058292) - 16-04-2015 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS AND PLANT FOR THE SYNTHESIS OF UREA AND MELAMINE

Patent Period Started From 16/04/2015 and Will end on 15/04/2035

(57) An integrated process for the synthesis of urea and melamine, wherein: urea is synthesized with a stripping process in a high-pressure synthesis loop comprising a reactor, a stripper and a carbamate condenser, and the urea solution leaving said stripper is sent to a recovery section to produce a concentrated urea product and a recovered carbamate solution; at least part of said urea product is converted to melamine, and the off-gas from the synthesis of melamine are recycled to the urea synthesis by mixing with the gas phase from the stripper and with said recovered carbamate solution, thus forming a mixed flow which is then condensed in said carbamate condenser, and the condensate is eventually directed to the reactor.



PCT

- (22) 01/03/2016
- (21) 0334/2016
- (44) 18/09/2019
- (45) April 2019
- (11) 29421

(51)	Int. Cl. 8 B63B 35/79 & B63C 9/08, 11/46 & B63H 11/10
(71)	 ALBERTO FERREIRA NORAS, Jorge (PORTUGAL) 3.
(72)	 ALBERTO FERREIRA NORAS, Jorge 3.
(73)	1. 2.
(30)	1. (PT) 107141 - 03-09-2013 2. (PCT/PT2014/000057) - 01-09-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	SELF-PROPELLED CRAFT
	Patent Period Started From 01/09/2014 and Will end on 31/08/2034

(57) The present invention relates a self-propelled craft with a U-shaped main body provided with two turbines, one on each flapof the U-shaped main body, which propel the self-propelled craft through turbine operation in a chamber fed by water received by water intakes which is ejected by the ejection openings, and which turbines move inside the turbine operation chamber adopting automatically one of two possible positions due to the casing which is placed in two different positions within the turbine operation chamber, which positioning results from the placement of the device on the water being done by side A or B, the water intake being done through existing water entrances on side A or B of the device



PCT

- (22) 02/12/2009
- (21) 1754/2009
- (44) July 2019
- (45) 24/09/2019
- (11) 29422

(51)	Int. Cl. 8 A23K 1/14
(71)	1. PROF. DR. / AHMED MAHMOUD ABDO MATOUK 2. PROF. DR. / AHMED MAHMOUD ABDO MATOUK 3. PROF. DR. / TAHER RASHAD OWIES MOUSTAFA 4. DR. / AHMED THARWAT MOUHAMED YOUSSEF 5. INTERNATIONAL TRADING &MARKETING CO
(72)	1. PROF. DR. / AHMED MAHMOUD ABDO MATOUK 2. PROF. DR. / AHMED MAHMOUD ABDO MATOUK 3. PROF. DR. / TAHER RASHAD OWIES MOUSTAFA 4. DR. / AHMED THARWAT MOUHAMED YOUSSEF 5. INTERNATIONAL TRADING &MARKETING CO
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) MECHANICAL MACHINE FOR RICE BRAN STABILIZATION USING INFRARED RADIATION

Patent Period Started From 02/12/2009 and Will end on 01/12/2029

(57) This invention is related to a mechanical machine for thermal stabilizing of rice bran using infrared radiation to maintain it without damage for long periods of time ranging from three to six months by inhibiting the activity of the enzymes causing damage. The machine consists of four main units: 1st, the installation unit is the main frame of the machine. 2nd, is the circulation unit is a rotary cylinder placed inside the rice replacer. 3rd, is the unit of radiation and thermal heating. 4th, is the power unit and control panel. .the methods of operation depends on putting the amount of rice bran inside the rotating unit of the homogenous flipping and exposure to infrared radiation for a specified time (12 minutes) and a specific thermal radiation that raises the temperature of the rice bran up to 125 ° c at a constant distance from the heating lamps (18 cm). This machine inhibits the activity of the enzyme that causes the deterioration of rice bran, and then increase the period of keeping the rice bran for long periods of time (3-6 months), allowing the use of this product safely in many different food and pharmaceutical industries during this period.



PCT

- (22) 06/08/2014
- (21) 1266/2014
- (44) July 2019
- (45) 24/09/2019
- (11) 29423

(51)	Int. Cl. 8 B09C 1/08, & E02D 3/12
(71)	1. HEBAA ELRAHMAN AHMED HAFEEZ (EGYPT)
, ,	2.
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(72)	1. HEBAA ELRAHMAN AHMED HAFEEZ
. ,	2.
	3.
(73)	1,
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(30)	1,
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	3.
(74)	
(12)	Patent

(54) METHOD &MACHINE FOR SOIL TREATMENT AND GROUTING BY BASALT AND MELTED BASALT Patent Period Started From 06/08/2014 and Will end on 05/08/2034

(57) Method & machine for stabilization and treatment of soil for different applications it is considered as combination between mechanical and chemical methods. nano and micro basalt and melted basalt are added to cold asphalt and tar to form hybrid composite. The machine consists of mixer and conditioning to maintain the temperature of the mixture constant, the inverter move and mixture go out for self leveling tool, the mixture is rolled in the soil by hydraulic pressure.



PCT

- (22) |14/10/2014
- (21) 1622/2014
- (44) July 2019
- (45) 24/09/2019
- (11) 29424

(51)	Int. Cl. 8 F02B 45/08,& F02B 45/10
(71)	1. MOHAMMED ABDEL-MAKSOUD ABBAS (EGYPT) 2. 3.
(72)	1. MOHAMMED ABDEL-MAKSOUD ABBAS 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	A METAL FUEL ENGINE
	Patent Period Started From 14/10/2014 and Will end on 13/10/2034

(57) The present invention relates to an eco-friendly metal fuel engine that does not emit harmful exhaust. The inventive engine uses metals, metal hydrides as fuel instead of the currently used gaseous and fossil fuel. the engine is especially designed to use the latent energy of metals, metal hydrides and metal oxides and convert it into mechanic and kinetic energy. the engine has specific valves and systems that pump and regulate the metal fuel amount introduced into the combustion chamber of the engine then flame it using water. in addition, the metal fuel engine discharges the emitted exhaust and converts it into fuel to be reused. Therefore, it is an energy saving and eco-friendly engine. the metal fuel is cost effective because it is made of metals, metal hydrides and metal oxides that are available in nature. Such materials are produced depending on the solar energy, so they are cost-effective and they offer competition to the other energy sources. for example, the sodium metal is available in sea and ocean water; hence it is obtained by a low-cost method. The metal fuel engine is used in many applications; the most important of all is generating electric energy and driving vehicles.



PCT

- (22) 25/06/2015
- (21) 1052/2015
- (44) July 2019
- (45) 24/09/2019
- (11) 29425

(51)	Int. Cl. 8 A61B 7/02
(71)	1. MAGD AHMED KOTB(EGYPT)
()	2. HESHAM N.EL MAHDY (EGYPT)
	3. KHALED WALEED YOUNIS RJOOB (EGYPT)
(72)	1. MAGD AHMED KOTB
	2. HESHAM N.EL MAHDY
	3. KHALED WALEED YOUNIS RJOOB
(73)	1.
(-)	2.
(30)	1.
(/	2.
	3.
(74)	
(12)	Patent

(54)	SMART STETHOSCOPE
	Patent Period Started From 25/06/2015 and Will end on 24/06/2035

(57) The invention embodies smart stethoscope that consists of a microphone and sensors attached to the diaphragm of the stethoscope, electronic board that is attached to a screen that projects the wave of the detected sound and the name of the sound and of the disease. This invention aids doctors and others in medical field in diagnosis of heart, valvular and chest diseases and other sounds produced by the human body. The digital screen exhibits the wave and writes the diagnosis for example but not limited to "normal breath sounds" or "aortic stenosis" or "normal intestinal sounds" and "heart rate or flow'. The digital screen might be attached or wireless, and might be replaced by digital mobile screen, or hospital monitor screens or any other type of digital screen.



PCT

- (22) 13/07/2016
- (21) 1160/2016
- (44) July 2019
- (45) 24/09/2019
- (11) 29426

(51)	Int. Cl. 8 A01N 31/00
(71)	1. WALID RIZK ABDEL SHAFI MUHAMMAD (EGYPT) 2. 3.
(72)	1. WALID RIZK ABDEL SHAFI MUHAMMAD 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	NIMATODY NATURAL PESTICIDE
	Patent Period Started From 13/07/2016 and Will end on 12/07/2036

(57) Natural compound is a homogeneous mixture of natural herbs lesion nematode eliminates 100%, completely safe to human health and the animals and plants on earth and there is no any negative effects and completely free from any chemicals or factory.



PCT

- (22) 16/10/2016
- (21) 1696/2016
- (44) July 2019
- (45) 24/09/2019
- (11) 29427

(51)	Int. Cl. 8 A01G 25/16, & B05B 3/00
(71)	1. HOSNY AHMED MOHAMED YOUSEF (EGYPT) 2.
	3.
(72)	1. HOSNY AHMED MOHAMED YOUSEF
	2.
	3.
(73)	1,
	2.
(30)	1,
	2.
	3.
(74)	
(12)	Patent

DEVICE FOR SPRAY THE IRRIGATION WATER WITH A CIRCULAR AND STRAIGHT MOVEMENT

P0atent Period Started From 16/10/2016 and Will end on 15/10/2036

(57) A Device for spreading the irrigation water, it moves as radios of a circle around a fixed pivot in the center of the circle, it consists of several similar parts; these parts are connected together by a stretched steel wire which goes through all the parts of the device. A three-wheel moving vehicle at the end of the device works to tighten the wire regulating the movement of the device. The vehicle is anchored on the ground and distributed on the earth's surface.



PCT

(22) 17/10/2016

(21) 1704/2016

(44) July 2019

(45) 24/09/2019

(11) 29428

(51)	Int. Cl. 8 C02F 103/30, 1/58
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)
	2. 3.
(72)	1. OSAMA MOHAMAD MOSTAFA DARWESH
(72)	2. IBRAHIM ABDEL-BAKY MOHAMED MATTER
	3.
(73)	1.
, ,	2.
(30)	1.
	2.
	3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED
(12)	Patent

(54) BIOREMEDIATION PROCESSES OF TEXTILE DYES WASTEWATER USING ENZYMES IMMOBILIZED ON MAGNETIC NANOPARTICLES

Patent Period Started From 17/10/2016 and Will end on 16/10/2036

Abstract The oxidoreductase enzymes e.g. laccase, peroxidase and Mn peroxidase play major role in the transformation of aromatic phenolic compounds such as dyes and phenolic compounds. The lack of stability, difficulty of reuse and relatively short life of the free enzyme in industrial applications inhibit their ability to provide cost effective options. For that, the bioremediated enzymes were immobilized onto Fe3O4 magnetic nanoparticles produced by co-precipitation technique. The size of immobilized enzyme under TEM analysis was 15-25 nm instead of 10 - 20 nm for individual magnetic nanoparticle. One of the main objectives of this study was obtaining the stable enzyme under various harsh conditions and possibility of reusing it. The immobilized peroxidase was still kept 95 % of its activity after 100 cycles of application. The temperature is the critical factor for application of peroxidase in bioremediation of textile wastewater. In this study, the immobilized peroxidase was saved their activity at high temperature (75 % of activity at 100 C). Also, the thermal stability of immobilized enzyme investigated and the activity was 70 % at 100 °C. The pH plays an important role in ionization state of the amino acids in the active site and maintaining the proper structure of an enzyme. The immobilized peroxidase performed satisfactory within wide range of pH values. This may be due to the role of immobilization technology in making the enzyme active sites more exposed to solvent. The storage stability of enzyme molecules and their bioactivity are of great importance in industrial sector. The activity of the immobilized peroxidase wasn't affected when stored at 4 and 25 ?C for 90 days. To industrial application of this technology, the immobilized peroxidase was used to remediate textile wastewater containing direct green and reactive red and the decolourization % was 100 % after 4 h of incubation into bioreactor built specially for this purpose. It can be concluded that the enzymes immobilized onto nanoparticle is a practical approached to maximize the enzyme performances. This can serve wide range of biotechnological and environmental applications.



PCT

- (22) 28/11/2016
- (21) 1934/2016
- (44) July 2019
- (45) 24/09/2019
- (11) 29429

(51)	Int. Cl. 8 C10G 55/04
(71)	 Petroleum Research Institute (EGYPT) 3.
(72)	 Dr. ESLAM FAWZI ALI AL- AMROUSI Prof. Dr. FAWZI ALI AL- AMROUSI MOHAMED FAWZI ALI AL- AMROUSI
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) A SYSTEM FOR ENHANCED HEAVY OIL RECOVERY BY USING THE CATALYTIC OXIDATIVE CRACKING Patent Period Started From 28/11/2016 and Will end on 27/11/2036

(57) This invention relates to a system for solving enhanced heavy oil recovery problem, where 90% of reservoirs have not been touched yet. System is consists of compressor, oxygen separator, air and oxygen tanks, small diameter injection tubes of different lengths and electric controls apparatus, the system is operated by pushing oxidizing gas to end of all tubes. Near deepest tube end there is an electric heater for heating the oil to begin cracking reaction. Obtained cracked light oil is rising as a layer above heavy oil surface until all reservoir oil turns into light oil which recovered by production well.



PCT

- (22) 19/12/2016
- (21) 2053/2016
- (44) July 2019
- (45) 24/09/2019
- (11) 29430

(51)	Int. Cl. 8 C12N 15/00
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)
, ,	2.
	3.
(72)	1. DALIA MAMDOUH MABROUK MOSTAFA
()	2. KAMAL MOHAMED ALI KHALIL
	3.
(73)	1.
	2.
(30)	1.
(0 0)	2.
	3.
(74)	FOCAL POINT - National Center for Research- MAGDA MOHASEB ALSAYED
(12)	Patent

(54) GENOMIC DNA ISOLATION KIT FROM HUMAN BLOOD Patent Period Started From 19/12/2016 and Will end on 18/12/2036

(57) Genomic DNA Isolation kit is a very quick and easy method for Genomic DNA Isolation from Human Blood. It takes less than 10 min for sample to be ready for loading on agarose gel electrophoresis, which is the shortest available time for separation. It does not need special conditions for isolation; all steps are carrying out at room temperature unlike many other methods. The isolation does not affect whether the sample fresh or stored. All the solutions used in isolation are stable for a long time. This Kit is able to isolate Genomic DNA from Human Blood with high efficiency even with very small sample. It takes a few steps to isolate high quality and quantity of Genomic DNA without lysis or degradation, even after loading on electrophoresis and separation, besides the real cost of sample is very cheap.



PCT

- (22) 26/12/2016
- (21) 2105/2016
- (44) July 2019
- (45) 24/09/2019
- (11) 29431

(51)	Int. Cl. 8 C02F 1/5263
(71)	1. MANSOURA UNIVERSITY (EGYPT)
	2. SHADY MOHAMED MOHAMED ELDAFRAWY (EGYPT)
	3. MOHAMED MOHAMED ELDAFRAWY (EGYPT)
	4. AHMED ELSAYED HASSAN MOHAMED HASSAN AL WASEF (EGYPT)
(72)	1. SHADY MOHAMED MOHAMED ELDAFRAWY
	2. MOHAMED MOHAMED ELDAFRAWY
	3. AHMED ELSAYED HASSAN MOHAMED HASSAN AL WASEF
(73)	1.
,	2.
(30)	1.
	2.
	3.
(74)	FOCAL POINT - MANSOURA UNIVERSITY
(12)	Patent

(54) SORBENT MATERIAL FOR REMOVAL OF HIGHLY CONCENTRATED ALUMINUM ELEMENT IN SLUDGE FILTERS WASHING IN DRINKING WATER PURIFICATION PLANTS AND TREATMENT METHOD

Patent Period Started From 26/12/2016 and Will end on 25/12/2036

(57) The invention is related to using an adsorbent material for removal of highly concentration element in drinking water purification plants. By adding kernel of dates as a low-cost adsorbent and having the ability to remove the aluminum element. Nawa tamr are collected from the date plants and dried. This is due to their composition of protein, cellulose fibers and carbohydrates with high surface area and their ability to adsorb maters and inorganic elements.



PCT

- (22) 19/02/2008
- (21) 0294/2008
- (44) April 2019
- (45) 24/09/2019
- (11) 29432

(51)	Int. Cl. 8 A61K 31/55, A61P 35/00, 35/02 & C07D 223/16, 403/10		
(71)	1. ARRAY BIOPHARMA INC (UNITED STATES OF AMERICA) 2. 3.		
(72)	 GRONEBERG, ROBERT, D DOHERTY, GEORGE, A. JONES, ZACHARY 	EARY, TODD, C	
(73)	1. 2.		
(30)	1. (US) 60/710.004 - 19-08-2005 2. (PCT/US2006/032098) - 17-08-2006 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

(54) 8-SUBSTITUTED BENZOAZEPINES DERIVATIVESUSEFUL AS MODULATORS OF MR7 AND MR8 FOR IMMUNOMODULATION

Patent Period Started From 17/08/2006 and Will end on 16/08/2026

(57) Provided are compounds useful for modulation of signaling through the Toll-like receptors TLR7 and/or TLR8. The compounds have use in the treatment of autoimmunity, inflammation allergy, asthma, graft rejection, graft versus host disease, infection, sepsis, cancer and immunodeficiency.



PCT

(22) 23/11/2010

(21) 1972/2010

(44) April 2019

(45) 24/09/2019

(11) 29433

(51)	Int. Cl. 8 F03D 5/00
(71)	1. IPPOLITO, Massimo (ITALY)
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	3.
(72)	1. IPPOLITO, Massimo
	2.
	3.
(73)	1.
(-)	2.
(30)	1. (IT) 02008A000423 - 04-06-2008
(0 0)	2. (PCT/IT2009/000236) - 29-05-2009
	3.
(74)	ABD ELHADI OFFICE
(12)	Patent

INFRASTRUCTURE FOR DRIVING AND ASSISTED TAKE-OFF OF AIRFOILS FOR TROPOSPHERIC AEOLIAN GENERATOR Patent Period Started From 29/05/2009 and Will end on 28/05/2029

(57) An infrastructure for tropospheric aeolian generator is described, which comprises a rotary basement, at least one orientable arm, at least one ventilation plant, at least one system for supporting at least one wing, and a driving system of control cables of the wing.



PCT

(22) 10/07/2016

(21) 1143/2016

(44) June 2019

(45) 25/09/2019

(11) 29434

(51)	Int. Cl. 8 C10G 25/00, 53/08, 31/06	
(71)	 IFP Energies Nouvelles (FRANCE) 3. 	
(72)	 GUILLOU, Florent BAUDOT Arnaud LIENEMAN Charles-Philippe 	4. HUGON Antoine 5. BARTHELET Karin 6. PORCHERON Fabien
(73)	1. 2.	
(30)	1. (FR) 15/57033 - 24-07-2015 2. 3.	
(74)	MAGDA SHEHATA HAROUN	
(12)	Patent	

(54)METHOD FOR THE ELIMINATION OF MERCURY FROM A FEEDSTOCK DOWNSTREAM OF A FRACTIONATION UNIT Patent Period Started From 10/07/2016 and Will end on 09/07/2036

- (57) Process for the elimination of mercury contained in a heavy hydrocarboncontaining feedstock downstream of a main fractionation unit, a process in which: a) the non-elemental mercury contained in the compounds of said feedstock is transformed to elemental mercury;
 - b) a fractionation of said hydrocarbon-containing feedstock is carried out in a fractionation unit in order to produce a top effluent comprising elemental mercury;
 - c) the top effluent obtained in stage (b) is brought into contact with a mercury capture material contained in a unit for the capture of mercury, in order to obtain an effluent that is at least partially de-mercurized.



PCT

- (22) 10/07/2016
- (21) 1144/2016
- (44) June 2019
- (45) 25/09/2019
- (11) 29435

(51)	Int. Cl. 8 C10G 25/00, 53/08, 31/06	
(71)	 IFP Energies Nouvelles (FRANCE) 3. 	
(72)	 GUILLOU, Florent BAUDOT Arnaud LIENEMAN Charles-Philippe 	4. GIBERT Alexandre 5. BARTHELET Karin 6. PORCHERON Fabien
(73)	1. 2.	
(30)	1. (FR) 15/57034 - 24-07-2015 2. 3.	
(74)	MAGDA SHEHATA HARON	
(12)	Patent	

(54) METHOD FOR THE ELIMINATION OF MERCURY FROM A HEAVY HYDROCARBON-CONTAINING FEEDSTOCK UPSTREAM OF A FRACTIONATION UNIT

Patent Period Started From 10/07/2016 and Will end on 09/07/2036

(57) Process for the elimination of mercury contained in a heavy hydrocarbon-containing feedstock upstream of a main fractionation unit, a process in which: a) the non-elemental mercury contained in the compounds of said feedstock is transformed to elemental mercury, b) a separation of the feedstock obtained in stage a) is carried out in a separation unit, that consists of producing a liquid effluent and a gaseous effluent comprising elemental mercury; c) the gaseous effluent originating from stage b) comprising the elemental mercury is brought into contact with a mercury capture material contained in a unit for the capture of mercury, in order to produce an effluent that is at least partially de-mercurized.



PCT

- (22) 09/11/2016
- (21) 1840/2016
- (44) June 2019
- (45) 26/09/2019
- (11) 29436

(51)	Int. Cl. ⁸ C08K 3/34 & C10G 71/02 & C10M 113/10
(71)	1. VESUVIUS U S A CORPORATION (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. STENDERA, James W
, ,	2. HERSHEY, Ryan
	3.
(73)	1.
	2.
(30)	1. (US) 61/994,305 - 16-05-2014
	2. (PCT/US2015/021141) - 18-03-2015
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	REFRACTORY BINDER SYSTEM
	Patent Period Started From 18/03/2015 and Will end on 17/03/2035

(57) A refractory formulation containing an anhydrous solvent, an oleophilic rheology modifier and a refractory aggregate exhibits non-thermoplastic behavior, and remains plastic and formable at temperatures in the range of 10 degrees Celsius to 180 degrees Celsius. The oleophilic rheology modifier may effectively bind with the solvent to create a gel-like structure with organic solvents with moderate to high polarity. A phyllosilicate clay that has been treated with a quaternary fatty acid amine may be used as the oleophilic rheology modifier.



PCT

- (22) 20/04/2016
- (21) 0704/2016
- (44) April 2019
- (45) 26/09/2019
- (11) 29437

(51)	Int. Cl. 8 A 61J 1/10, B 65B 31/04, 31/06, 51/10
(71)	1. OTSUKA PHARMACEUTICAL FACTORY, INC (JAPAN) 2. 3.
(72)	1. KATAOKA, Tamotsu 2. UETA,Yukishige 3.
(73)	1. 2.
(30)	1. (JP) 2013-223308 - 28-10-2013 2. (PCT/JP2014/067899) - 04-07-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) INERT GAS CHARGING NOZZLE, INERT GAS CHARGING DEVICE, AND METHOD FOR PRODUCING INFUSION-CONTAINING CONTAINER

Patent Period Started From 04/07/2014 and Will end on 03/07/2034

(57) The purpose of the invention is to prevent the occurrence of sealing failure caused by liquid droplets adhering to a seal part of an infusion container as a result of the splattering of an infusion after charging an inert gas into the container. The invention provides a nozzle for charging an inert gas, which is for preventing the degradation of an infusion, into an infusion container (8) via a charging opening (SI) thereof before sealing, the infusion container (8) including said charging opening (SI) and a seal part where the sealing is performed for closing the charging opening (SI). The nozzle has a tubular nozzle body (11). The nozzle body (11) has a tip end part (12b) and an intermediate part (13b), and is inserted into the infusion container (8) via the charging opening (SI) from the tip end part (12b) side. The intermediate part (13b) is arranged at a predetermined distance (LI) from the tip end part (12b) such that, when the nozzle body (11) has been inserted into the infusion container (11) via the charging opening (SI) from the tip end part (12b) side, the intermediate part is located in the vicinity of the seal part. A first gas-discharge opening (S5) is formed in the tip end part .(12b). Second gas-discharge openings (S6) are formed in the intermediate part (13b)



PCT

- (22) 19/10/2015
- (21) 1677/2015
- (44) M arch 2019
- (45) 26/09/2019
- (11) 29438

(51)	Int. Cl. 8 C 08F 2/00& C 08L 23/12, 23/14	
(71)	 BOREALIS AG (AUSTRIA) Abu Dhabi Polymers Co Ltd (Borouge) LLC - (United Arab Emirates) 3. 	
(72)	 ALASTALO, Kauno LESKINEN, Pauli LILJA, Johanna 	4. HEDESIU, Cristian
(73)	1. 2.	
(30)	1. (EP) 13002097.7 - 22-04-2013 2. (PCT/EP2014/001071) - 22-04-2014 3.	
(74)	Amr Mofed El Deeb	
(12)	Patent	

(54) MULTISTAGE PROCESS FOR PRODUCING LOW-TEMPERATURE RESISTANT POLYPROPYLENE COMPOSITIONS Patent Period Started From 22/04/2014 and Will end on 21/04/2034

(57) A process for polymerizing propylene in the presence of a polymerization catalyst by copolymerizing propylene with a comonomer selected from the group of ethylene and C₄- C₁₀ alpha-olefins in three polymerization stages. The polymer produced in the first polymerization stage has the highest melt flow rate and the lowest content of comonomer. The polymer produced in the last polymerization stage has the lowest melt flow rate and the highest content of comonomer. The polymer composition produced by the process has good mechanical properties and can be used for making pipes. The process has a good productivity.



PCT

- (22) 11/06/2015
- (21) 0947/2015
- (44) MAY 2019
- (45) 26/09/2019
- (11) 29439

(51)	Int. Cl. 8 C25D 7/08, 17/00			
(71)	1. BP CORPORATION NORTH AMERICA INC (UNITED STATES OF AMERICA) 2. 3.			
(72)	 DUMONT, Arnaud JALLON, Fred RAYMOND, Patrick 	4. KESTNER, Jason 5. PARIMI, Madhav		
(73)	1. 2.			
(30)	1. (US) 737,499 /61- 14-12-2012 2. (PCT/US2013/075354) - 16-12-2013 3.			
(74)	ABD ELHADI OFFICE			
(12)	Patent			

(54) APPARATUS AND METHOD FOR THREE DIMENSIONAL SURFACE MEASUREMENTS

Patent Period Started From 16/12/2013 and Will end on 15/12/2033

(57) A system and method for three-dimensional measurement of surfaces. In one embodiment, a measurement system includes a laser projector, a first camera, and a processor. The laser projector is configured to emit a laser projection onto a surface for laser triangulation. The first camera is configured to provide images of the surface, and is disposed at an oblique angle with respect to the laser projector. The processor is configured to apply photogrammetric processing to the images, to compute calibrations for laser triangulation based on a result of the photogrammetric processing, and to compute, based on the calibrations, coordinates of points of the surface illuminated by the laser projection via laser triangulation.



PCT

- (22) 24/11/2013
- (21) 0708/2013
- (44) March 2019
- (45) 26/09/2019
- (11) 29440

(51)	Int. Cl. 8 C25D 17/00, 7/08	
(71)	1. VITRO ,S.A.B DE C.V (UNITED STATE) 2. 3.	TES OF AMERICA)
(72)	2. BUCHANAN, Michael, J 3. MCPHERON, Douglas, A	 MCCAMY, James, W KABAGAMBE, Benjamin KELLY, Patrick BOYD, Donald, W
(73)	1. 2.	
(30)	1. (US) 12/911,189 - 25-10-2010 2. (PCT/US2011/046401) - 03-08-2011 3.	
(74)	ABD ELHADI OFFICE	
(12)	Patent	

(54) ELECTROCURTAIN COATING PROCESS FOR COATING SOLAR MIRRORS Patent Period Started From 03/08/2011 and Will end on 02/08/2031

(57) An electrically conductive protective coating or film is provided over the surface of a reflective coating of a solar mirror by flowing or directing a cation containing liquid and an anion containing liquid onto the conductive surface. The cation and the anion containing liquids are spaced from, and preferably out of contact with one another on the surface of the reflective coating as an electric current is moved through the anion containing liquid, the conductive surface between the liquids and the cation containing liquid to coat the conductive surface with the electrically conductive coating.

Arab Republic of Egypt

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



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN OCTOBER 2019"

Egyptian Patent Office

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(PATENT No. 29468)	(29)
(PATENT No. 29469)	(30)
(PATENT No. 29470)	(31)
(PATENT No. 29471)	(32)
(PATENT No. 29472)	(33)
(PATENT No. 29473)	(34)
(PATENT No. 29474)	(35)
(PATENT No. 29475)	(36)

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	(PATENT No. 29476)	(37)	•

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.

President of Patent Office

Dr. Mona M. Yehia

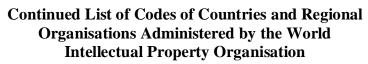
Bibliographic data

Bibliographic data	symbol
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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
Abstract	57
Applicant Name	71
Inventor Name	72
Patentee Name	73
Patent Attorney Name	74



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Code	Country	
AE	United Arab emairates	
AF	Afghanistan	
AG	Antigua and Barbuda	
AL	Albania ⁾	
AM	Armenia	
AO	Angola	
AR	Argentina	
AT	Austria	
AU	Australia	
AZ	Azerbaijan	
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GQ	Equatorial Guinea	
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GY	Guyana	
HK	Hong Kong	
HN	Honduras	
HR	Croatia	
HU	Hungary	
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IE	Ireland	



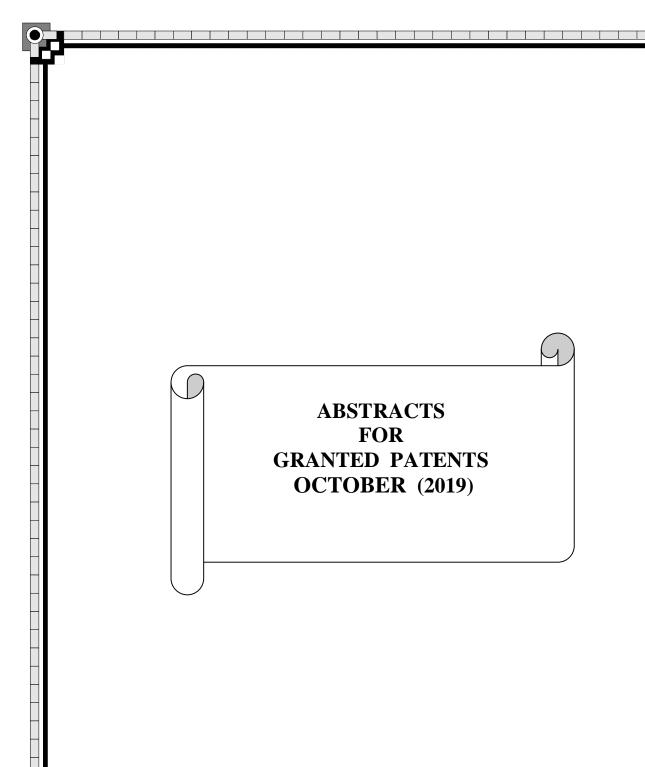
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IR	Iran	
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KN	Saint Kitts and Nevis	
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KR	Republic of Korea	
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KZ	Kozakhstan	
LA	LAO PEOPLE'S DEMOCRATIC REPUBLIC	
LB	Lebanon	
LC	Sant Lucia	
LI	Liechtenstein	
LK	Sirlanka	
LR	Liberia	
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LY	Libyan Arab Jamahirya	
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MC	Monaco	
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MG	Madagascar	

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ML	Mali
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NA	Namibia
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N	Nicaragua
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NZ	New Zealand
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RS	Serbia
RU	Russian Federation
RW	Rwanda
SA	Saudi Arabia



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SO	Somalia
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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) 14/06/2015
- (21) 0965/2015
- (44) March 2019
- (45) 01/10/2019
- (11) 29441

(51)	Int. Cl. 8 A01N 43/40 & C07C 25/13 & C07D 213/79
(71)	1. DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA)
(/1)	2.
	3.
(72)	1. BANGEL, Bryston L
(12)	2. SATCHIVI, Norbert M
	3.
(73)	1.
()	2.
(30)	1. (US) 745,013 /61 - 21-12-2012
(00)	2. (PCT/US2013/076439) - 18-12-2013
	3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)-5-FLUOROPYRIDINE-2-CARBOXYLIC ACID OR A DERIVATIVE THEREOF AND FLURTAMONE, DIFLUFENICAN, OR PICOLINAFEN

Patent Period Started From 18/12/2013 and Will end on 17/12/2033

- (57) Provided herein are herbicidal compositions and methods employing combinations of (a) a compound of the formula (I) or an agriculturally acceptable salt or ester thereof and
 - (b) one or more compounds selected from the group consisting of flurtamone, diflufenican, and picolinafen. Some embodiments employ flufenacet as an additional herbicidal component.



PCT

- (22) 09/03/2016
- (21) |0414/2016
- (44) March 2019
- (45) |01/10/2019
- (11) 29442

(51)	Int. Cl. 8 B01D 53/14, 53/18, 3/14, 3/16, 3/22, 3/28, 3/32 & C10K 1/18 & C10G 5/04
(71)	1. LINDE AKTIENGESELLSCHAFT (GERMANY) 2.
	3.
(72)	1. ALZNER, Gerhard
	2. MATTEN, Christian
	3.
(73)	1.
	2.
(30)	1. (EP)13004648.5 - 25-09-2013
	2. (PCT/EP2014/002146) - 05-08-2014
	3.
(74)	AMR ELDEEP
(12)	Patent

(54) METHOD FOR PURIFICATION A CRACKING GAS STREAM IN A PRIMARY FRACTIONATION COLUMN

Patent Period Started From 05/08/2014 and Will end on 04/08/2034

(57) The invention relates to a method for separating a gasoline fraction and an oil fraction from a cracking gas stream (S) in a primary fractionation column, the ratio of the amount of substance per time unit of the gasoline fraction (F) returned to the gasoline section at the top relative to the amount of substance per time unit of the cracking gas (S) fed to the oil section is in a range of 1:16 to 1:10, preferably 1:12 to 1:10.



PCT

- (22) 15/10/2015
- (21) 1661/2015
- (44) March 2019
- (45) 01/10/2019
- (11) 29443

(51)	Int. Cl. 8 C08L 23/14 & C08F 2/00 & F16L 9/12
(71)	 BOREALIS AG (AUSTRIA) ABU DHABI POLYMERS CO LTD (BOROUGE) L.L.C (The United Arab Emirates) 3.
(72)	 HEDESIU, Cristian ALASTALO, Kauno 3.
(73)	1. 2.
(30)	1. (EP)13002098.5 - 22-04-2013 2. (PCT/EP2014/001072) - 22-04-2014 3.
(74)	Amr Mofed El Deeb
(12)	Patent

(54) MULTIMODAL POLYPROPYLENE COMPOSITION FOR PIPE APPLICATIONS Patent Period Started From 22/04/2014 and Will end on 21/04/2034

(57) A multimodal propylene copolymer composition suitable for moulding and pipe applications comprising a multimodal propylene copolymer (U)



PCT

- (22) 22/07/2012
- (21) 1292/2012
- (44) March 2019
- (45) 01/10/2019
- (11) 29444

(51)	Int. Cl. 8 C12N 15/09, 15/82	
(71)	 DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) SANGAMO BIOSCIENCES INC (UNITED STATES OF AMERICA) 3. 	
(72)	 AINLEY, William M ZEITLER, Bryan URNOV, Fyodor 	4. MURRAY, Michael G
(73)	1. 2.	
(30)	1. (US) 61/336,457 - 22-01-2010 2. (PCT/US2011/000125) - 24-01-2011 3.	
(74)	ABD ELHADI OFFICE	
(12)	Patent	

(54) TARGETED GENOMIC ALTERATION Patent Period Started From 24/01/2011 and Will end on 23/01/2031

(57) Disclosed herein are methods and compositions for targeted integration and/or targeted excision of one or more sequences into a cell, for example, for expression of one or more polypeptides of interest.



PCT

- (22) 23/06/2013
- (21) 1078/2013
- (44) June 2019
- (45) |07/10/2019
- (11) 29445

(51)	Int. Cl. 8 A23L 1/16, 1/162	
(71)	1. NISSIN FOODS HOLDINGS CO., LTD. (JAPAN) 2. 3.	
(72)	 YAMAYA, Tatsuo ODA, Masahiro TANAKA, Mitsuru 	4. NAKAGAWA, Shinichi 5. NAKAZEKO, Takuo
(73)	1. 2.	
(30)	1. (JP) 2010-285529 - 22-12-2010 2. (JP) 2011-062823 - 22-03-2011 3. (PCT/JP2011/079730) - 21-12-2011	
(74)	MAHMOUD RAGAEY ELDEKY	
(12)	Patent	

(54) EXTRUDED NOODLE AND DIE PIECE FOR EXTRUDED NOODLE Patent Period Started From 21/12/2011 and Will end on 20/12/2031

(57) The purpose of the present invention is to provide an extruded noodle which can be boiled within a short period of time or has good reconstitution properties and shows a comfortable texture when served. The extruded noodle having a through hole, said through hole extending along the longitudinal direction, wherein: the hole is closed or reduced in size in the step of boiling or reconstituting in hot water the noodle; in the cross section of the noodle, the hole radially extends outward from the center of the cross section of the noodle; and, in the hole, a plurality of grooves are formed rotational symmetrically about the center of the cross section.



PCT

- (22) 30/03/2014
- (21) 0491/2014
- (44) June 2019 D2
- (45) 07/10/2019
- (11) 29446

(51)	Int. Cl. ⁸ H04W 88/14, 24/02 & H04M 3/42
(71)	 NEC Corporation (JAPAN) 3.
(72)	 Zembutsu, Hajime Tamura, Toshiyuki Iwai, Tekanori
(73)	1. 2.
(30)	1. (JP) 2011-217384 - 30-09-2011 2. (PCT/JP2012/075219) - 28-09-2012 3.
(74)	MAHMOUD RAGAEY ELDEKY
(12)	Patent

(54) COMMUNICATION SYSTEM, METHOD AND APPARATUS Patent Period Started From 28/09/2012 and Will end on 27/09/2032

(57) There is provided a mobile communication system, wherein a terminal WE) includes means configured to transmit an Attach Request to a base station (eNodeB); the base station includes means configured to forward the Attach Request to an MME (Mobility Management Entity); the MME includes means configured to transmit to the base station a request signal including an identifier corresponding to a dedicated MME that is dedicated to serve a specific terminal based on subscriber information obtained from an HSS (Home Subscriber Server); the base station includes means configured to re-select the dedicated MME based on the identifier; and the base station further includes means configured to transmit a NAS (Non-Access Stratum) message to the dedicated MME re-selected.



PCT

- (22) 30/03/2014
- (21) 0491/2014 D1
- (44) June 2019
- (45) 07/10/2019
- (11) 29447

(51)	Int. Cl. ⁸ H04W 88/14, 24/02 & H04M 3/42
(71)	1. NEC Corporation (JAPAN) 2. 3.
(72)	1. Zembutsu, Hajime 2. Tamura, Toshiyuki 3. Iwai, Tekanori
(73)	1. 2.
(30)	1. (JP) 2011-217384 - 30-09-2011 2. (PCT/JP2012/075219) - 28-09-2012 3.
(74)	MAHMOUD RAGAEY ELDEKY
(12)	Patent

(54) COMMUNICATION SYSTEM, METHOD AND APPARATUS Patent Period Started From 28/09/2012 and Will end on 27/09/2032

(57) There is provided a mobile communication system, wherein a terminal WE) includes means configured to transmit an Attach Request to a base station (eNodeB); the base station includes means configured to forward the Attach Request to an MME (Mobility Management Entity); the MME includes means configured to transmit to the base station a request signal including an identifier corresponding to a dedicated MME that is dedicated to serve a specific terminal based on subscriber information obtained from an HSS (Home Subscriber Server); the base station includes means configured to re-select the dedicated MME based on the identifier; and the base station further includes means configured to transmit a NAS (Non-Access Stratum) message to the dedicated MME re-selected.



PCT

- (22) 05/04/2011
- (21) 0516/2011
- (44) July 2019
- (45) 07/10/2019
- (11) 29448

(51)	Int. Cl. 8 B01D 71/00
(71)	1. AQUAZ A/S (DENMARK)
	2. 3.
(72)	1. MONTEMAGNO, Carlo, D
	2. 3.
(73)	1.
(20)	2. 1. (US) 61/103.281 - 07-10-2008
(30)	2. (PCT/DK2009/000216) - 06-10-2009
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) BIOMIMETIC MEMBRANE FORMED FROM A VESICLE-THREAD CONJUGATE Patent Period Started From 06/10/2009 and Will end on 05/10/2029

(57) The present invention relates to a method for producing man-made devices which have the properties and functions of biological membranes and membrane proteins, and to the structure of such devices. Briefly, in one aspect of the invention, natural or genetically engineered proteins are incorporated into a polymeric vesicle that is conjugated to a thread to form a vesicle-thread conjugate. The engineered protein is preferably a transmembrane protein embedded in the wall of the polymeric vesicle. The vesicle-thread conjugate is then formed into a membrane or thin fabric having a wide variety of inherent functionality, including the ability to selectively transport and/or filter compounds between fluids. By selecting proteins with specific properties, membranes can be fabricated with a defined functionality including molecular scale addressability via directed electrostatic, electromagnetic, and chemical forces.



PCT

- (22) |24/03/2015
- (21) 0445/2015
- (44) July 2019
- (45) 07/10/2019
- (11) 29449

(51)	Int. Cl. 8 C09K 8/57, 8/575 & C04B 41/49, 41/48
(71)	1. EPG (ENGINEERED NANOPRODUCTS GERMANY) AG (GERMANY) 2. 3.
(72)	1. SCHMIDT, CHRISTIAN 2. CHMIDT, HELMUT 3.
(73)	1. 2.
(30)	1. (DE) 10 2012 019 149.9 - 27-09-2012 2. (PCT/EP2013/070121) - 26-09-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) ROBUST BINDER, WHICH IS INDEPENDENT FROM THE INFLUENCE OF CATALYTICALLY ACTIVE SUBSTANCES, IN THE CRUDE OIL AND NATURAL GAS INDUSTRY

Patent Period Started From 27/09/2012 and Will end on 26/09/2032

(57) This invention relates to a method of stabilizing the bonding agent gelation time in the consolidation of geological formations in the presence of one or more catalytically active substances, in which a bonding agent is infiltrated into the formation, a proportion of the infiltrated bonding agent is optionally expelled by flushing with a gas or a liquid, and the bonding agent remaining in the formation is cured, wherein the bonding agent includes a mixture of a heterocondensate, obtainable by hydrolysis and condensation of at least one hydrolysable silicon compound and at least one metal, phosphorous or boron compound, wherein the metal is selected from al, Ge, Sn, Pb, Ti, Mg, Li, V, Nb, Ta, Zr and Hf, at least one organic, polymerisable monomer or oligomer, which has at least one C-Cdouble bond, and at least one thermal polymerisation initiator without peroxide functionality wherein the polymerisation initiator constitutes an azo compound or wherein the polymerisation initiator constitutes a compound, which has a C-C double bond, which can be split homolytically by thermal energy.



PCT

- (22) 03/09/2015
- (21) 1395/2015
- (44) April 2019
- (45) 07/10/2019
- (11) 29450

(51)	Int. Cl. 8 A16F 13/494, 13/496, 13/15, 5/44
(71)	1. UNICHARM CORPORATION (JAPAN) 2. 3.
(72)	1. OKUBO, Tetsuo 2. HASHIMOTO, Tatsuya 3.
(73)	1. 2.
(30)	1. (JP) 2013-047381 - 08-03-2013 2. (PCT/JP2014/053845) - 19-02-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) WEARABLE ARTICLE AND METHOD FOR FABRICATION THEREOF Patent Period Started From 19/02/2014 and Will end on 18/02/2034

(57) Provided are a wearable article whereby the gluteal parts are not exposed while worn, and leakage of bodily fluids is prevented by fitting leg opening edge parts upon a wearer's body, and a method for fabrication thereof. A wearable article comprises a front waist panel, a rear waist panel, and a crotch panel further comprising an absorption structure body, and a pair of leg opening edge parts are formed by each inner edge of the front and rear waist panels and both vertical lateral edges of the crotch panel. The crotch panel further comprises a pair of elastic leg sheets which are coupled on both lateral edges of the absorption structure body and which extend in the vertical direction. The elastic leg sheets further comprise non-elastic regions which are adjacent to the absorption structure body side, and elastic regions which are adjacent to the non-elastic regions. The non-elastic regions rise from the absorption structure body at the lateral edges of the absorption structure body and reach the leg opening edge parts. The elastic regions extend toward the outer sides of the wearable article in the horizontal direction and form the leg opening edge parts.



PCT

- (22) 01/02/2015
- (21) 0178/2015
- (44) July 2019
- (45) 07/10/2019
- (11) 29451

(51)	Int. Cl. 8 C10L 3/10 & F25J 1/00, 1/02, 3/02, 3/06	
(71)	1. AIR PRODUCTS AND CHEMICALS, INC (UNITED STATES OF AMERICA) 2. 3.	
(72)	1. CHEN, Fei	4. ROBERTS, Mark, Julian
(12)	2. LUO, Xukun	5. KRISHNAMURTHY, Gowri
	3. OTT, Christopher, Michael	or magnification, govern
	5. O11, Christopher, Michael	
(73)	1.	
	2.	
(30)	1. (US) 13/565,881 - 03-08-2012	
(30)	2. (US) 13/611,169 - 12-09-2012	
	3. (PCT/US2013/052933) - 31-07-2013	
	4. (PCT/US2012/049506) - 03-08-2012	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) HEAVY HYDROCARBON REMOVAL FROM A NATURAL GAS STREAM

Patent Period Started From 31/07/2013 and Will end on 30/07/2033

(57) A method and apparatus of removing heavy hydrocarbons from a natural gas feed stream, the method comprising using first and second hydrocarbon removal systems in series such that the first system processes the natural gas feed stream to produce a heavy hydrocarbon depleted natural gas stream and the second system processes at least a portion of the heavy hydrocarbon depleted natural gas stream from the first system to produce a natural gas stream lean in heavy hydrocarbons, wherein one of said systems is a adsorption system that comprises one or more beds of adsorbent for adsorbing and thereby removing heavy hydrocarbons from a heavy hydrocarbon containing natural gas, and the other of said systems is a gas-liquid separation system for separating a heavy hydrocarbon containing natural gas into a heavy hydrocarbon depleted natural gas vapor and a heavy hydrocarbon enriched liquid.



PCT

(22) 20/04/2015

(21) |0601/2015

(44) April 2019

(45) 07/10/2019

(11) 29452

(51)	Int. Cl. 8 H03F 3/72, 1/22, 3/195
(71)	1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA) 2.
(72)	 KHATRI, Himanshu CHOKSI, Ojas M ZHUO, Wei
(73)	1. 2.
(30)	1. (US) 13/658,607 - 23-10-2012 2. (PCT/US2013/066234) - 22-10-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

AMPLIFIERS WITH SHUNT SWITCHES (54) Patent Period Started From 22/10/2013 and Will end on 21/10/2033

(57) Amplifiers 460 with shunt switches to mitigate interference are disclosed. In an exemplary design, an apparatus includes an amplifier and a shunt switch. The amplifier has an input operatively coupled to an input/output, I/O, pad of an integrated circuit IC chip. The shunt switch grounds the amplifier 460 when the shunt switch is closed. The shunt switch isolated from the I/O pad and the amplifier input. The amplifier may be a low noise amplifier, LNA, or some other type of amplifier. In an exemplary design, the shunt switch is isolated from the I/O pad by a series switch. The series switch and the shunt switch may be closed when the amplifier is disabled and may be opened when the amplifier is enabled.



PCT

- (22) 20/04/2015
- (21) 0599/2015
- (44) July 2019
- (45) 07/10/2019
- (11) 29453

(51)	Int. Cl. ⁸ H02M 3/158
(71)	1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	 SHI, Song Stone MATHE, Lennart Karl-Axel SHI, Yunfei
(73)	1. 2.
(30)	1. (US) 13/659.682 - 24-10-2012 2. (PCT/US2013/066704) - 24-10-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	BOOST CONVERTER CONTROL
	Patent Period Started From 24/10/2013 and Will end on 23/10/2033

(57) Simple and efficient techniques for closed loop control of a boost converter. In an aspect, a current feed forward, CFF, mode of operation includes providing current information to a control logic block controlling transistor switches of the boost converter to advantageously smooth the signals present in the closed loop control of the system. In another aspect, a modified peak current, MPC, mode of operation includes providing a simplified control mechanism based on a peak current mode of operation. Both CFF mode and MPC mode may share similar circuit elements, allowing a single implementation to selectively implement either of these modes of control. Further techniques are provided for determining average current information for the logic block.



PCT

- (22) 24/04/2016
- (21) 0718/2016
- (44) April 2019
- (45) 07/10/2019
- (11) 29454

(51)	Int. Cl. 8 C07H 19/06	
(71)	1. OTSUKA PHARMACEUTICAL CO., LTD. (JAPAN) 2. 3.	
(72)	 CHOI, Hyeong-wook MATHIEU, Steven FANG, Frank 	4. LEWIS, Bryan Matthew
(73)	1. 2.	
(30)	1. (US) 61/896,703 - 29-10-2013 2. (PCT/US2014/062874) - 29-10-2014 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54)	SYNTHETIC ROUTE TO 2'-DEOXY-2', 2'- DIFLUOROTETRAHYDROURIDINES		
	Patent Period Started From 29/10/2014 and Will end on 28/10/2034		
(57)	The present invention relates to methods and intermediates for synthesizing 2'-deoxy-2',2'-difluorotetrahydrouridine compounds.		



PCT

- (22) 18/04/2016
- (21) 0681/2016
- (44) April 2019
- (45) 07/10/2019
- (11) 29455

(51)	Int. Cl. 8 H04N 19/70, 19/30, 19/573, 19/58	
(71)	1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA) 2. 3.	
(72)	 WANG, Ye-Kui CHEN, Ying RAMASUBRAMONIAN, Adarsh Krishnan 	4. HENDRY, Fnu
(73)	1. 2.	
(30)	1. (US) 61/894,886 - 23-10-2013 2. (US) 14/521,153 - 22-10-2014 3. (PCT/US2014/061988) - 23-10-2014	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) MULTI-LAYER VIDEO FILE FORMAT DESIGNS Patent Period Started From 23/10/2014 and Will end on 22/10/2034

(57) A computing device generates a file that comprises a media data box that encloses media content. The media content comprises a sequence of samples. Each of the samples is an access unit of multi-layer video data. Responsive to a determination that at least one access unit of a bitstream of the multi-layer video data includes a coded picture that has a picture output flag equal to a first value and a coded picture that has a picture output flag equal to a second value, the computing device uses at least two tracks to store the bitstream in the file. For each respective track from the at least two tracks, all coded pictures in each sample of the respective track have the same value of the picture output flag.



PCT

- (22) 28/08/2011
- (21) | 1435/2011
- (44) May 2019
- (45) 09/10/2019
- (11) 29456

(51)	Int. Cl. 8 H02G 15/18
(71)	1. CHI, Yufen (CHINA)
	2.
	3.
(72)	1. HSING, Chihkuang
	2.
	3.
(73)	1.
(10)	2.
(30)	1. (CN) 200910126320 – 26-02-2009
(30)	2. (PCT/CN2009/000257) - 10-03-2009
	3.
(74)	MAHMOUD ELWALELY
(12)	Patent

(54) COMMUNICATION CABLE CONNECTION BOX WITH WATERPROOF DEVICE OF ELASTIC RUBBER SHRINKING PIPE

Patent Period Started From 10/03/2009 and Will end on 09/03/2029

(57) A waterproof communication cable connection box includes a protective cover, a cable pass-through end surface, a hollow cylindrical pipe formed on the cable pass-through end surface, an elastic rubber shrinking pipe, and a flexible hard plastic strip provided on the inner wall of the elastic rubber shrinking pipe. The plastic strip will be removed after a cable passes through the cable connection box so that the elastic rubber shrinking pipe closely covers the hollow cylindrical pipe and the cable part exposing outside of the hollow cylindrical pipe.



PCT

- (22) 16/02/2012
- (21) 0272/2012
- (44) July 2019
- (45) |09/10/2019
- (11) 29457

(51)	Int. Cl. 8 B60B 30/00 & G01N 29/00
(71)	1. AMSTED Rail Company, Inc (UNITED KINGDOM) 2.
(72)	3. 1. John D. Oliver 2. John R. Oliver 3.
(73)	1. 2.
(30)	1. (US) 13/134996 - 23-07-2011 2. 3.
(74)	TAHA HANAFY MAHMOUD
(12)	Patent

(54) METHOD AND APPARATUS FOR A RAILWAY WHEEL ULTRASONIC TESTING APPARATUS Patent Period Started From 23/04/2011 and Will end on 22/04/2031

(57) A method and apparatus for collecting ultrasonic test data from a railway wheel with an ultrasonic testing apparatus is described. The railway wheel is supported by two drive rollers, each having an indentation which engages with and rotates the wheel. An indexing transducer moves across the rotating wheel, collecting ultrasonic test data while a fixed transducer correlates a reference position on the wheel to the collected test data. To maintain the accuracy of the reference position to the collected test data, it is desirable to maintain the rotational stability of the wheel, minimizing any dynamic instability caused by dimensional tolerances in the wheel. To mitigate instabilities resulting from dimensional tolerances, the indentation of the drive rollers, which engage and drive the flange of the wheel, are variably spaced using a resilient member to maintain frictional contact between the wheel and the drive roller. This allows the indentation to accommodate the varying dimensional tolerances of the wheel flange, mitigating the possibility of dynamic instability resulting from departure of the wheel flange from the indentation.



PCT

(22) 03/05/2016

(21) |0751/2016

(44) June 2019

(45) 16/10/2019

(11) 29458

(51)	Int. Cl. 8 H03M 7/30
(71)	 Telefonaktiebolaget L M Ericsson (publ) (SWEDEN) 3.
(72)	 JANSSON TOFTGARD, Tomas SVEDBERG, Jonas GRANCHAROV, Volodya
(73)	1. 2.
(30)	1. (US) 61/901,089 - 07-11-2013 2. (PCT/SE2014/051310) - 06-11-2014 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) METHODS AND DEVICES FOR VECTOR SEGMENTATION FOR **CODING**

Patent Period Started From 06/11/2014 and Will end on 05/11/2034

(57) A method for partitioning of input vectors for coding is presented. The method comprises obtaining (210) of an input vector. The input vector is segmented (220), in a non-recursive manner, into an integer number, NSEG, of input vector segments. A representation of a respective relative energy difference between parts of the input vector on each side of each boundary between the input vector segments is determined (230), in a recursive manner. The input vector segments and the representations of the relative energy differences are provided (250) for individual coding. Partitioning units and computer programs for partitioning of input vectors for coding, as well as positional encoders, are presented.



PCT

- (22) 18/04/2016
- (21) 0679/2016
- (44) April 2019
- (45) 16/10/2019
- (11) 29459

(51)	Int. Cl. 8 B29C 63/06, 47/02 & F16L 13/02
(71)	1. SAIPEM S.P.A. (ITALY)
(, 1)	2.
	3.
(72)	1. KALTCHEV, Momtchil
()	2.
	3.
(73)	1.
	2.
(30)	1. (MA)2013A001777 - 24-10-2013
(30)	2. (PCT/IB2014/065592) - 24-10-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD AND DEVICE FOR APPLYING PROTECTIVE SHEETING OF POLYMER MATERIAL TO A PIPELINE Patent Period Started From 24/10/2014 and Will end on 23/10/2034

(57) A method of applying protective sheeting of polymer material to a pipeline extending along a longitudinal axis and having a cutback bounded at opposite axial ends by two end portions of respective protective coatings of polymer material, the method including directly heating the free faces of the end portions; extruding and simultaneously winding about the pipeline a protective sheeting wide enough to cover the cutback and the end portions; and compressing the protective sheeting against the pipeline, the end portions included.



PCT

- (22) 22/02/2016
- (21) 0273/2016
- (44) June 2019
- (45) 16/10/2019
- (11) 29460

(51)	Int. Cl. 8 H04W 74/08, 74/00	
(71)	 QUALCOMM INCORPORATED (UNIT) 3. 	TED STATES OF AMERICA)
(72)	 MERLIN, Simone BARRIAC, Gwendolyn Denise SAMPATH, Hemanth 	4. VERMANI, Sameer
(73)	1. 2.	
(30)	1. (US) 61/871,269 - 28-08-2013 2. (US) 14/469,175 - 26-08-2014 3. (PCT/US2014/052825) - 27-08-2014	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) METHODS AND APPARATUS FOR MULTIPLE USER UPLINK Patent Period Started From 27/08/2014 and Will end on 27/08/2034

(57) Methods and apparatus for multiple user uplink are provided. In one aspect, a method for wireless communication is provided. The method includes transmitting a clear to transmit (CTX) message to two or more stations, the CTX indicating an uplink transmission opportunity, the CTX message further comprising a request that the two or more stations concurrently transmit uplink data at a specific time. The method further includes receiving a plurality of uplink data from at least two stations at the specific time.



PCT

- (22) 22/12/2015
- (21) 2025/2015
- (44) May 2019
- (45) 17/10/2019
- (11) 29461

(51)	Int. Cl. 8 C03C 17/36	
(71)	1. AGC GLASS EUROPE (BELGIUM) 2. 3.	
(72)	 MAHIEU, Stijn DI STEFANO, Gaëtan HAUPTMANN, Marc 	4. DUMONT, Jacques
(73)	1. 2.	
(30)	1. (BG) 2013/0453 - 27-06-2013 2. (PCT/EP2014/063634) - 27-06-2014 3.	
(74)	SMAS Intellectual Property	
(12)	Patent	

(54) SOLAR PROTECTION GLAZING UNIT Patent Period Started From 27/06/2014 and Will end on 26/06/2034

(57) The invention relates to a solar protection glazing comprising, on at least one of the faces of a glass substrate, a multi-layer stack comprising at least one layer absorbing solar radiation of at least 3 nm and dielectric coatings surrounding said solar radiation absorbing layer. According to the invention, the light reflection of the glass substrate coated with the multi-layer stack, measured on the substrate side, is at least 20% and is at least two times the light reflection of the glass substrate coated with the multi-layer stack measured on the stack side, and the reflection colour on the substrate side has a colorimetric coordinate value a* of less than 2 and a colorimetric coordinate value b* of less than 5. The invention is particularly useful as an automobile glazing, in particular on the roof thereof, as a building glazing or as a household oven.

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



PCT

(22)	17/04/201 1
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(21) 0590/2011

(44) June 2019

(45) 16/10/2019

(11) 29462

(51)	Int. Cl. ⁸ F16L 15/04	
(71)	 VALLOUREC MANNESMANN OIL & SUMITOMO METAL INDUSTRIES, I 3. 	,
(72)	 SUGINO, Masaaki NAKAMURA, Keiichi OKADA, Takashi 	4. YAMAGUCHI, Suguru
(73)	1. 2.	
(30)	1. (JP) 2008-270379 - 20-10-2008 2. (PCT/JP2009/068303) - 20-10-2009 3.	
(74)	SAMAS COMPANY	
(12)	Patent	

(54)THREADED JOINT FOR STEEL PIPES Patent Period Started From 20/10/2009 and Will end on 19/10/2029

(57) In a threaded joint for steel pipes comprising a pin and a box, each having a threaded portion, a sealing surface, and a shoulder surface, the sealing surface of the pin is formed by a tapered surface, and the sealing surface of the box is formed by a first curved surface portion with a large radius of curvature in the range of 15 - 120 mm, a tapered surface portion, and a second curved surface portion with a large radius of curvature again in the range of 15 - 120 mm.



PCT

- (22) 19/06/2014
- (21) 1015/2014
- (44) January 2019
- (45) 20/10/2019
- (11) 29463

(51)	Int. Cl. 8 A01N 37/52 & C07	C 317/42, 323/36, 323/44, 323/63	
(71)	1. BAYER INTELLECTUA 2. BAYER CROPSCIENCE 3.	L PROPERTY GMBH (GERMA CAG (GERMANY)	ANY)
(72)	1. HAHN, Julia Johanna	6. SCHWARZ, Hans-Georg	11. YAMAZAKI, Daiei
(, =)	2. KOHLER, Adeline	7. ILG, Kerstin	12. BECKER, Angela
	3. ITO, Masahito	8. FISCHER, Reiner	13. GOMIBUCHI, Takuya
	4. VOERSTE, Arnd	9. MORADI, Wahed, Ahmed	14. SHIBUYA, Katsuhiko
	5. ALIG, Bernd	10. CEREZO-GALVEZ, Silvia	15. GORGENS, Ulrich
	, i	ŕ	16. SHIMOJO, Eiichi
(73)	1.		
()	2.		
(30)	1. (EP) 11194855.0 - 12-12-2	2011	
(00)	2. (PCT/EP2012/075269) - 1	12-12-2012	
	3.		
(74)	SAMAS COMPANY		
(12)	Patent		

(54) N-ARYLAMIDINE-SUBSTITUTED TRIFLUOROETHYL SULFIDE DERIVATIVES AS ACARICIDES AND INSECTICIDES Patent Period Started From 12/12/2012 and Will end on 11/12/2032

(57) The present invention relates to novel N-arylamidine-substituted trifluoroethyl sulfide derivatives of the formula (I) in which X1, X2, X3, X4, R1, R2, R3, n are each defined as specified in the description, to the

use thereof as acaricides and insecticides for control of animal pests, and to processes and intermediates for preparation thereof.

(1)



PCT

- (22) 12/12/2016
- (21) 2009/2016
- (44) July 2019
- (45) 21/10/2019
- (11) 29464

(51)	Int. Cl. 8 C02F 3/00, 3/12
(71)	1. XYLEM IP MANAGEMENT S.A.R.L. (LUXEMBOURG) 2. 3.
(72)	1. UBY, Lars 2. 3.
(73)	1. 2.
(30)	1. (SE) 1450755-2 - 17-06-2014 2. (PCT/IB2015/054499) - 15-06-2015 3.
(74)	YOUSSEF M. JOSEPH
(12)	Patent

(54) PLANT FOR TREATMENT OF LIQUID AS WELL AS METHOD FOR CONTROLLING SUCH A PLANT

Patent Period Started From 15/06/2015 and Will end on 14/06/2035

The invention relates to a plant and a method for controlling such a plant suitable for treatment of waste water. The plant comprises a basin, at least one flow generating machine adapted to generate a liquid flow in the basin, at least one equipment in the basin that effects the momentum of the liquid flow, and a control unit. The method being characterized by the steps of in the control unit storing a predetermined relationship between the operational speed N of the flow generating machine and an operational parameter P from which the torque M of the flow generating machine may be derived, which relationship depends on a predetermined liquid flow speed V in the basin by the flow generating machine, determining the operational speed N of the flow generating machine, from the determined operational speed N determining a set value of the operational parameter P of the flow generating machine based on said relationship between the operational speed N of the flow generating machine and the operational parameter P of the flow generating machine, by means of the control unit determining a real value of the operational parameter P of the flow generating machine, and by means of the control unit adjusting the operational speed N of the flow generating machine if the real value of the operational parameter P of the flow generating machine is different than the set value of the operational parameter P of the flow generating machine.



PCT

- (22) 17/08/2015
- (21) 1272/2015
- (44) July 2019
- (45) 21/10/2019
- (11) 29465

(51)	Int. Cl. 8 A01N 47/36, 41/10, 43/50, 43/66 & A01P 13/00
(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) 2013-033556 - 22-02-2013 2. (PCT/JP2014/053949) - 19-02-2014 3.
(74)	SALWA MICHAEL RIZK
(12)	Patent

(54)	HERBICIDE COMPOSITION
	Patent Period Started From 19/02/2014 and Will end on 17/02/2034

The present invention relates to A herbicidal composition comprising (A) flazasulfuron or its salt and (B) mesotrione or its salts for controlling undesired plant or inhibiting their growth, wherein the mixing ratio of (A) and (B) is from 1:3 to 1:20 by the weight ratio, and wherein the undesired plants are selected from horseweed (Erigeron Canadensis L.), dandelion (Taraxacum officinale Weber), and common ragweed (Ambrosia artmisiifollis L.).



PCT

- (22) 02/07/2015
- (21) 1078/2015
- (44) June 2019
- (45) 27/10/2019
- (11) 29466

(51)	Int. Cl. ⁸ D04H 1/4209, 1/4218, 1/4226, 1/736, 1/74 & E04B 1/76
(71)	 Saint-Gobain Isover (FRANCE) 3.
(72)	 TERAGAMI, Kenichiro 3.
(73)	1. 2.
(30)	1. (KR) 1350235 - 11-01-2013 2. (PCT/FR2014/050018) - 08-01-2014 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) THERMAL INSULATION PRODUCT BASED ON MINERAL WOOL AND METHOD OF MANUFACTURING THE PRODUCT Patent Period Started From 08/01/2014 and Will end on 07/01/2034

(57) The invention relates to a thermal insulation product based on mineral wool comprising mineral fibres, the product comprising two main faces and longitudinal and transversal edges perpendicular to the main faces, the product being characterized by the following levels of orientation: - a longitudinal orientation level greater than or equal to 48%, or even greater than or equal to 50%, at an angle of more or less 6° with respect to the plane of the main faces, when the mineral fibres are counted up only in longitudinal section, and - a mean orientation level greater than or equal to 40%, or even greater than or equal to 45%, at an angle or more or less 6° with respect to the plane of the main faces, when the mineral fibres are counted up both in cross section and in longitudinal section. The invention makes it possible to improve the insulating capability of a thermal insulation product based on mineral wool without increasing the thickness thereof.

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



PCT

- (22) 21/03/2012
- (21) 0523/2015
- (44) May 2019
- (45) 27/10/2019
- (11) 29467

(51)	Int. Cl. ⁸ H04W 8/18	
(71)	1. TRUPHONE LIMITED (BULGARIA) 2. 3.	
(72)	 SNIJDER, Robert TAGG, James Peter EVANS, Timothy Paul SEQUEIRA, Claudio Miguel Canario 	5. GUY, III, Edward Thomas6. BORISOGLEBSKI, Igor7. CAMPBELL, Alistair James
(73)	1. 2.	
(30)	1. (GB) 0916582.0 - 22-09-2009 2. (PCT/GB2010/051591) - 22-09-2010 3.	
(74)	AHMED MOHAMED GAMAL ABO ALY	
(12)	Patent	

(54) SUBSCRIBER IDENTIFICATION MANAGEMENT BROKER FOR FIXED/MOBILE NETWORKS

Patent Period Started From 22/09/2010 and Will end on 21/09/2030

(57) There present invention relates to a method for managing the automatic provision of a subscriber network identifier from a central network server to a subscribed communication device, the method comprising receiving notification at the central server relating to a change in the current location for the subscribed device, and determining from the notification whether a new subscriber network identifier is to be provisioned from the central server. The method further comprises selecting a subscriber network identifier on the basis of the current location, if the determining step has determined that a new subscriber network identifier is to be provisioned, and outputting the selected subscriber network identifier for transmission to the subscribed device. The present invention also relates to managing the automatic connection of a subscribed communication device to a network, where a preferred network and preferred subscriber network identifier may be used.



PCT

- (22) 24/12/2012
- (21) 2123/2012
- (44) July 2019
- (45) 27/10/2019
- (11) 29468

(51)	Int. Cl. 8 H04W 40/22
(71)	1. OMARCO NETWORK SOLUTIONS LIMITED (UNITED KINGDOME) 2. 3.
(72)	 OMAR, Ralph Mahmoud 3.
(73)	1. 2.
(30)	1. (BG) 1010735.7 - 25-06-2010 2. (PCT/IB2011/052799) - 24-06-2011 3.
(74)	AHMED MOHAMED GAMAL ABO ALI
(12)	Patent

(54) DATA TRANSMISSION SECURITY IMPROVEMENTS Patent Period Started From 24/06/2011 and Will end on 23/06/2031

Securely transmitting communication information from a first terminal operating in a first coordinate measurement domain to a second remotelylocated terminal operating in a second coordinate measurement domain includes: combining the communication information with extraneous information to create a data signal; determining a value of an identification variable expressed with respect to the first coordinate measurement domain, the identification variable value enabling the location of the communication information concealed within the data signal to be determined; transmitting the data signal and the identification variable value from the first terminal to the second terminal; using a coordinate transform function configured to map coordinate values from the first coordinate measurement domain to the second coordinate measurement domain to calculate a value of the received identification variable expressed with respect to the second coordinate measurement domain; and extracting the information from the received data signal using the calculated identification variable value.



PCT

(22) 13/06/2016

(21) 20161004

(44) June 2019

(45) 27/10/2019

(11) 29469

(51)	Int. Cl. 8 B01D 45/02
(71)	1. SPECIALIZED DESANDERS INC (CANADA) 2. 3.
(72)	1. HEMSTOCK, Christopher 2. 3.
(73)	1. 2.
(30)	1. (KN) 2836437 - 16-12-2013 2. (US) 62/087,604 - 04-12-2014 3. (PCT/CA2014/051170) - 05-12-2014
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	A DESANDING APPARATUS
	Patent Period Started From 05/12/2014 and Will end on 04/12/2034

(57) An apparatus and method for removing particulates from a multiple-phase fluid stream is disclosed. The apparatus has a vessel enclosed by walls, and the vessel has a fluid inlet for receiving the multiple-phase fluid stream, a fluid outlet spacing from the fluid inlet for discharging gas phase matter, and a passage, such as a spiral path, in the vessel extending from the fluid inlet to the fluid outlet. The length of the passage is longer than the distance between the fluid inlet and the fluid outlet.



PCT

- (22) 04/01/2016
- (21) 0012/2016
- (44) April 2019
- (45) |27/10/2019
- (11) 29470

(51)	Int. Cl. 8 E05B 19/06, 19/12, 27/02
(71)	1. ASSA ABLOY (SCHWEIZ) AG (SWITZERLAND)
	2.
	3.
(72)	1. WILD, Thomas
	2. SPRENGER, Detlef
	3.
(73)	1.
	2.
(30)	1. (EP) 13175907.8 - 10-07-2013
(00)	2. (PCT/EP2014/064726) - 09-07-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) KEY AND ROTARY CYLINDER LOCK WITH KEY Patent Period Started From 09/07/2014 and Will end on 08/07/2034

(57) A key for a rotary cylinder lock comprises a key grip and a key shank, which adjoins the key grip and extends along a longitudinal axis, wherein the key shank has, on its outside, control recesses, in particular control bores, for properly positioning tumblers on the rotary cylinder lock and also has at least one control element arranged in a movable manner in the key shank, which control element has a control surface, which interacts with a tumbler of the rotary cylinder lock. Furthermore, the key is characterized in that the key shank, in the region of the control element, has a tapered cross section, which is tapered in relation to the cross section with the control recesses.



PCT

- (22) 05/01/2016
- (21) 0019/2016
- (44) March 2019
- (45) 19/10/2019
- (11) 29471

(51)	Int. Cl. 8 B66C 7/08 & E01B 19/00, 5/08
(71)	1. HF HOLDING SA (BELGIUM) 2. 3.
(72)	 AWI ABALO, Bolom LENS, Michel Wichel
(73)	1. 2.
(30)	1. (EP) 13176372.4 - 12-07-2013 2. (PCT/EP2014/064654) - 08-07-2014 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	RAIL FOR CRANE BOOM HINGE
	Patent Period Started From 08/07/2014 and Will end on07/07/2034

(57) Rail for use at boom hinges of a crane, extending longitudinally from one endto an opposite end, comprising a rail head having a running surface for a wheel of a railway vehicle, a rail foot for fastening the rail, and a web connecting the rail head to the rail foot and interposed between the rail head and the rail foot, wherein the rail head is continuous along the length of the rail. The rail comprises a resilient member extending across the web from the one end of the rail over a length shorter than the length of the rail in order to provide a resiliency of the rail head relative to the rail foot over a length of extension of the resilient member.



PCT

- (22) 08/09/2016
- (21) 1508/2016
- (44) June 2019
- (45) 27/10/2019
- (11) 29472

(51)	Int. Cl. 8 C07C 5/333
(71)	1. CLARIANT CORPORATION (UNITED STATES OF AMERICA)
` ′	2.
	3.
(72)	1. FRIDMAN, Vladimir
	2. URBANCIC, Michael
	3.
(73)	1.
(-)	2.
(30)	1. (US) 14/210,610 - 14-03-2014
(30)	2. (PCT/US2015/020064) - 12-03-2015
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) IMPROVED DEHYDROGENATION PROCESS WITH HEAT GENERATING MATERIAL Patent Period Started From 12/03/2015 and Will end on 11/03/2035

(57) The disclosure provides an improved endothermic hydrocarbon conversion process that comprises reacting a hydrocarbon with a multi-component catalyst bed, and regenerating the catalyst bed with air, where the air used in regeneration step and hydrocarbon are at low air to hydrocarbon ratios and optionally at near-atmospheric pressures.



PCT

- (22) 08/11/2016
- (21) 1831/2016
- (44) May 2019
- (45) 28/10/2019
- (11) | 29473

(51)	Int. Cl. 8 F24J 2/07, 2/24
(71)	1. COCKERILL MAINTENANCE & INGENIERIE S.A. (BELGIUM)
	2.
	3.
(72)	1. DETHIER, Alfred
	2.
	3.
(73)	1.
(10)	2.
(30)	1. (BE) 2014/0358 - 14-05-2015
(30)	2. (PCT/EP2015/054638) - 05-03-2015
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SOLAR CONCENTRATION TOWER WITH EXTERNAL RECEIVER Patent Period Started From 05/03/2015 and Will end on 04/03/2035

(57) An external solar receiver for a tower solar concentration thermodynamic plant and a field of heliostats, characterized in that each panel with heat exchanger tubes is connected to at least one interior support element, with an axis substantially perpendicular to the panel, said interior support element being furthermore connected in a rotary manner to a support element belonging to the internal structure by means of at least two parallel, substantially horizontal connecting rods, and each articulated at a first end on the interior support element and at a second end on the support element of the internal structure, respectively, in such a way that under the effect of thermal expansion or contraction of the panels with heat exchangers, each of the panels moves substantially parallel to itself and without deformation of the surface thereof, and in such a way that the polygonal or circular cross-section of the receiver undergoes a homothetic transformation.



PCT

- (22) 15/04/2012
- (21) 0700/2012
- (44) July 2019
- (45) 28/10/2019
- (11) 29474

(51)	Int. Cl. ⁸ G10L 19/00		
(71)	 FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E. V. (GERMANY) DOLBY INTERNATIONAL AB 		
(72)	 HERRE, Juergen ENGDEGARD, Jonas HELLMUTH, Oliver 	4. PURNHAGEN, Heiko 5. FALCH, Cornelia 6. TERENTIEV, Leonid	
(73)	1. 2.	, , , , , , , , , , , , , , , , , , ,	
(30)	1. (US) 61/253.237 - 20-10-2009 2. (US) 61/369.260 - 30-07-2010 3. (EP) 10171418.6- 30-07-2010 (PCT/EP2010/065671) - 19-10-2010		
(74)	Nahed Wadih Rizk		
(12)	Patent		

(54)APPARATUS FOR PROVIDING AN UPMIX SIGNAL REPRESENTATION ON THE BASIS OF A DOWNMIX SIGNAL REPRESENTATION, APPARATUS FOR PROVIDING A BITSTREAM REPRESENTING A MULTICHANNEL AUDIO SIGNAL, METHODS, COMPUTER PROGRAM AND BITSTREAM USING A DISTORTION CONTROL SIGNAL

Patent Period Started From 19/10/2010 and Will end on 18/10/2030

(57) An apparatus for providing an upmix signal representation on the basis of a downmix signal representation and an object-related parametric information, which are included in a bitstream representation of an audio content, and in dependence on a rendering information, comprises a distortion limiter configured to adjust upmix parameters using a distortion control scheme to avoid or limit audible distortions which are caused by an inappropriate choice of rendering parameters. The distortion limiter is configured to obtain a distortion limitation control parameter, which is included in the bitstream representation of the audio content, and to adjust a distortion control scheme in dependence on the distortion limitation control parameter.



PCT

- (22) 18/07/2011
- (21) 1206/2011
- (44) June 2019
- (45) 28/10/2019
- (11) 29475

(51)	Int. Cl. 8 G01L 11/04	
(71)	 FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. (GERMANY) 3. 	
(72)	1. BAYER, Stefan 2. DISCH, Sascha 3. NEUENDORF, Max	4. GEIGER, Ralf 5. GEIGER, Ralf
(73)	1. 2.	
(30)	1. (US) 61/146,063 - 21-01-2009 2. (US) 09005486.7 - 17-04-2009 3. (PCT/EP2010/050229) - 11-01-2010	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) APPARATUS, METHOD AND COMPUTER PROGRAM FOR OBTAINING A PARAMETER DESCRIBING A VARIATION OF A SIGNAL CHARACTERISTIC OF A SIGNAL

Patent Period Started From 11/01/2010 and Will end on 10/01/2030

(57) An apparatus for obtaining a parameter describing a variation of a signal characteristic of a signal on the basis of actual transform-domain parameters describing the audio signal in transform-domain comprises a parameter determinator. The parameter determinator is configured to determine one or more model parameters of a transform-domain variation model describing an evolution of the transform-domain parameters in dependence on one or more model parameters representing a signal characteristic.



PCT

- (22) 26/05/2016
- (21) 0868/2016
- (44) June 2019
- (45) 29/10/2019
- (11) 29476

(51)	Int. Cl. 8 C11B 3/02, 3/06
(71)	1. THE QUEEN'S UNIVERSITY OF BELFAST (UNITED KINGDOME) 2.
	3.
(72)	1. ATKINS, Martin
	2. COLEMAN, Fergal
	3. GOODRICH, Peter
(73)	1.
(10)	2.
(30)	1. (GB) 1321033.1 - 28-11-2013
(00)	2. (PCT/GB2014/053553) - 28-11-2014
	3.
(74)	
(12)	Patent

(54) REMOVAL OF FREE FATTY ACIDS FROM GLYCERIDE OILS Patent Period Started From 28/11/2014 and Will end on 27/11/2034

(57) The present invention relates to deacidification of glyceride oils. The present invention provides a process for removing free fatty acids from glyceride oil, preferably palm oil, containing free fatty acids, said process comprising the steps of: (i) contacting the glyceride oil containing free fatty acids with the basic ionic liquid; wherein the basic ionic liquid has a basic anion selected from hydroxide, alkoxide, alkylcarbonate, hydrogen histidinate, carbonate, serinate, prolinate, threoninate. valinate, asparaginate, taurinate and lysinate; and a cation selected from: [N(R^a)(R^b)(R^c)(R^d)]⁺, wherein: R^a, R^b, R^c and Rd are each independently selected from hydrogen, a C1 to C8, straight chain or branched alkyl group or a C₃ to C₆ cycloalkyl group, wherein said alkyl or cycloalkyl groups are unsubstituted or may be substituted by one to three groups selected from: C₁ to C₄ alkoxy, C₂ to C₈ alkoxyalkoxy, C₃ to C₆ cycloalkyl, -OH, -SH, $CO_2(C_1 \text{ to } C_6)$ alkyl, $-OC(O)(C_1 \text{ to } C_6)$ alkyl, or any two of Ra, Rb, Rc and Rd combine to form an alkylene chain -(CH2)q- wherein q is from 3 to 6; and (ii) obtaining a treated glyceride oil having a reduced content of free fatty acid compared to the glyceride oil feed of step (i).

Arab Republic of Egypt

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

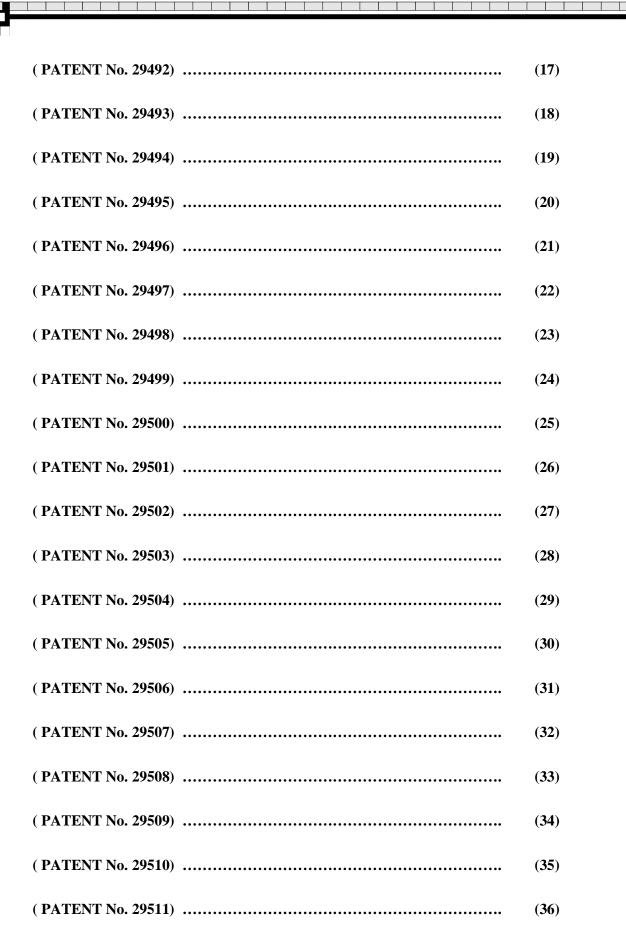


GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN NOVEMBER 2019"

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.

President of Patent Office

Dr. Mona M. Yehia

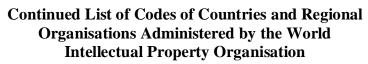
Bibliographic data

Bibliographic data	symbol
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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
Abstract	57
Applicant Name	71
Inventor Name	72
Patentee Name	73
Patent Attorney Name	74



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Code	Country
AE	United Arab emairates
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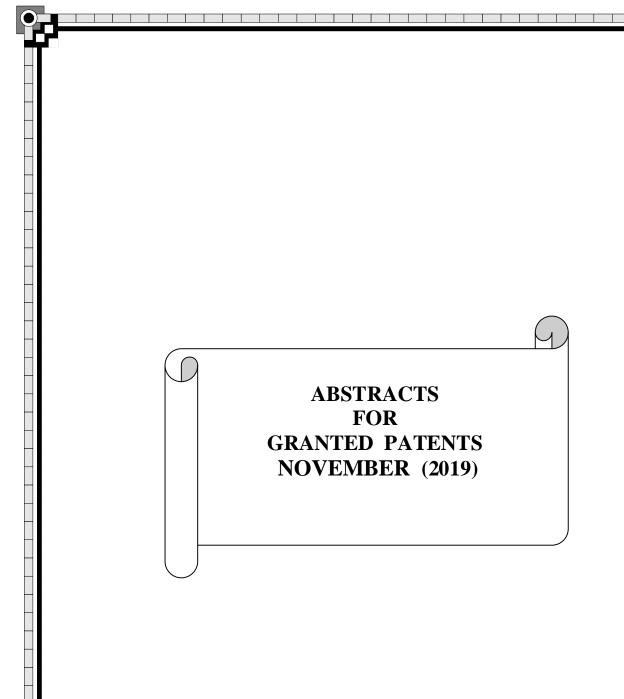
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SR	Suriname
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YD	Yemen
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe





PCT

- (22) 27/10/2014
- (21) 1719/2014
- (44) August 2019
- (45) 03/11/2019
- (11) 29477

(51)	Int. Cl. 8 C02F 1/14
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	1. HAMDY HASSAN EL-GHETANY 2. MOHMED HAMDY MOHAMED EL-AWADY 3. SHAIMAA NABIL
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT - National Center for Research- REPRESENTED / MAGDA MAHSP MR. AND OTHERS
(12)	Patent

(54) INTEGATED SYSTEM FOR WASTE WATER TREATMENT AND REUSE USING SOLAR ENERGY

Patent Period Started From 27/10/2014 and Will end on 26/10/2034

(57) This invention is related to an integrated solar energy system for wastewater treatment and reuse at national research centre, where it consists of a raw waste water tank made from polyethylene and elevated on iron metallic frame to achieve the necessary pressure for the flow of wastewater during the treatment system by gravity. The treatment unit is placed on a wooden base with free wheels fitted with brakes for easy transport of the unit from one location to another. The treatment unit is manufactured in the form of a square galvanized stainless-steel basin, where installed some galvanized steel strips are welded on the basin base. By this way, the water sample flows in a basin pass way. The internal surface bodies as well as the pass ways are black-colored to increase the absorption rate of solar energy falling on the transparent surface of the treatment unit. In the front of the unit, several openings for raw wastewater inlet, treated water outlet and drainage water for periodically maintenance. A transparent cover as pyramidal shape with square cover and basin forms. A transparent adhesive material has been used to prevent any leakages.



PCT

- (22) 01/07/2015
- (21) 1068/2015
- (44) August 2019
- (45) 03/11/2019
- (11) 29478

(51)	Int. Cl. 8 C21C 7/00
(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) METHOD AND MACHINE FOR SLAG TREATMENT Patent Period Started From 01/07/2015 and Will end on 30/06/2035

(57) The method and machine to treat slag of metal industries, the method based on improve the mechanical properties of the slag as well as prevent its interaction with water, improvement is done by bonding slag with binders in slag treatment machine. consists of mill for crushing and grinding of slag, mixer to achieve homogeneity, bunker to assemble the bonding materials that do not need grinding, tank to collect and heat mixture to become viscous and easy deformed in pipes and a bowl to collect the treated slag.



PCT

- (22) 24/05/2016
- (21) 0858/2016
- (44) August 2019
- (45) 03/11/2019
- (11) 29479

(51)	Int. Cl. 8 F21V 7/04, 14/08
(71)	1. KHALED AHAMED ABD.ALMONOUM AYSH (EGYPT) 2. 3.
(72)	1. KHALED AHAMED ABD.ALMONOUM AYSH 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) ELECTRICAL FLOWER GARDEN Patent Period Started From 24/05/2016 and Will end on 23/05/2036

Is a park moving and damage and spin through the electric motor which is placed in a rack on top of each by courier may reach four floors of the new where the irrigation system which also unlike natural that flowers are moving on the axis of the body the park and set up each role pipe with perforated in large holes for water distribution on a flat garden which pipe with water in the garden normal is the land fixed and irrigation system in which either by hand or by spray water in with drip irrigation and ground fixed, but the system here, the ground is moving reverse system customary These garden contributes to entertain the viewer in easily and conveniently and without fatigue at the time I said the green space in Egypt, where he became a ubiquitous green eat in Egypt due to the urban sprawl that is beautiful green, bringing to attention to building on green space Beauties account so it was this idea that restore the good old days.

(57)



PCT

- (22) 01/08/2016
- (21) 1273/2016
- (44) August 2019
- (45) 03/11/2019
- (11) 29480

(51)	Int. Cl. ⁸ E21B 43/22 & C09k 8/588
(71)	1. MOHAMMED RAMADAN HASSAN IBRAHIM (EGYPT) 2. 3.
(72)	1. MOHAMMED RAMADAN HASSAN IBRAHIM 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) (Polymer-Nano flooding) for chemical Enhanced Oil Recovery EOR Patent Period Started From 01/08/2016 and Will end on 31/07/2036

Using Nanotechnology with polymer solution to make polymer-Nano solution. By adding Aluminum Oxide nanoparticles (Al_2O^3), size 50 nanometer and concentration 0.02 wt% on polymer solution, polymer concentration was 1000 ppm. Then mixing nanoparticles with polymer solution mechanically for 4 hours under room condition. After that we can inject this solution on oil reservoirs. The experimental lab works showed effective results, it showed that the oil recover factor increased by more than 2 % due to improving mobility ratio enhancement and wettability alteration caused by the presence of nanoparticles. Also the Polymer-Nano solution required materials are cheaper than normal polymer solution materials by more than 40 %.



PCT

- (22) 19/12/2016
- (21) 2052/2016
- (44) August 2019
- (45) |03/11/2019
- (11) 29481

(51)	Int. Cl. 8 C05F 17/00
(71)	1. SAID MAHMOUD SAYED BADR EL-DIN (EGYPT) 2.
	3.
(72)	1. SAID MAHMOUD SAYED BADR EL-DIN
	2.
	3.
(73)	1.
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(30)	1.
	2.
	3.
(74)	
(12)	Patent

(54) METHOD FOR ACCELERATION OF COMPOST MATURITY Patent Period Started From 19/12/2016 and Will end on 18/12/2036

This invention relates to a method for accelerating the maturation of artificial organic fertilizers Success of agrotechnology in newly reclaimed soil in egypt depends on improving organic component in soils particularly in sandy and desert regions. The style of agriculture in egypt has been adopted on the amendment of soils with organic manures yearly to insure the availability of plant nutrients required to enhance the plant growth and preservation of soil fertility. The routine manufacturing of compost from agricultural wastes usually exposed to a number of problems including slow manure ripening as well as poor nutritional value as a result of the loss of a large amount of nutrients throughout the maturity period. Therefore, we have developed an innovative method based on the treatment of agricultural residues with highly efficient thermophilic strain of actinomycetes in decomposing cellulose and hemicellulose and functioning as biocontrol agent with addition of commercial glutamic acid (by 1% per ton of residues) to maximize and accelerate the process of decomposition of agricultural residues to produce high quality compost in terms of its content of humus materials and nutrients, with shortening the preparation time to half and saving efforts and costs.



PCT

- (22) 14/06/2015
- (21) 0959/2015
- (44) June 2019
- (45) 03/11/2019
- (11) 29482

(51)	Int. Cl. ⁸ G 01 N 29/02 & H 03 H 9/02, 9/72, 9/25, 9/64, 9/145
(71)	1. Sony Corporation (JAPAN) 2. 3.
(72)	1. TAKAHASHI Yoshitomo 2. NAKAGAMI Ohji 3.
(73)	1. 2.
(30)	1. (JP) 2012-279847 - 21-12-2012 2. (PCT/JP2013/082936) - 09-12-2013 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) IMAGE PROCESSING DEVICE AND METHOD Patent Period Started From 09/12/2013 and Will end on 08/12/2033

(57) The present disclosures pertain to an image processing device and an image processing method capable of improving the coding efficiency in multi-viewpoint coding, the image processing device being configured to generate a temporal list (refpiclisttempo[rldx]) of lo in order of short-term (before) reference images of indexes 0 and 1, inter-view reference images of indexes 0 to 3, short-term (after) reference images of indexes 0 and 1, and a long-term reference image of index 0. In such a case, according to num_ref_idx_io_active_minus1 = 4, a reference list of lo is generated in order of the short-term (before) reference image of index 0 and the interview reference images of indexes 0 to 3.



PCT

- (22) 18/11/2015
- (21) 1819/2015
- (44) June 2019
- (45) 03/11/2019
- (11) 29483

(51)	Int. Cl. 8 E21B 29/02, 29/08, 33/064, 34/04, 21/00
(71)	1. Eni S.P.A. (ITALY)
	2.
	3.
(72)	1. MOLASCHI, Claudio
()	2.
	3.
(73)	1.
	2.
(30)	1. (IT) MI2013A 000845 - 24-05-2013
(00)	2. (PCT/IB2014/061660) - 23-05-2014
	3.
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) EMERGENCY VALVE ASSEMBLY FOR EXTRACTION WELLS, WELL EQUIPPED WITH SAID VALVE AND PROCESS FOR MANAGING AN EXTRACTION WELL WITH SAID VALVE UNDER EMERGENCY CONDITIONS

Patent Period Started From 23/05/2013 and Will end on 22/05/2034

- (57) The emergency valve assembly for extraction wells according to the invention comprises
 - A) an external housing and
 - B) a rotating stopper. The pass-through duct is arranged for the passage of a production and/or drilling line arranged for containing and carrying, through at least one relative pipe, extraction fluids such as, for example, petroleum, oil, water, sludge, rock debris and/ or earth, natural gas, or other fluids extracted from an underground reservoir. The valve also comprises a stopper drive, arranged for actuating the rotating stopper making it rotate so as to shear the production or perforation line passing through it, in particular shearing the pipe and closing the pass-through duct.

The pass-through duct has a minimum passage section having a diameter equal to or greater than seven inches. It provides an effective additional safety measure in the case of emergencies.



PCT

- (22) 07/10/2015
- (21) 1625/2015
- (44) July 2019
- (45) 04/11/2019
- (11) 29484

(51)	Int. Cl. 8 F02F 11/00 & F02B 51/00
(71)	1. MONROS, Serge V. (UNITED STATES OF AMERICA) 2. 3.
(72)	1. MONROS, Serge V. 2. 3.
(73)	1. 2.
(30)	1. (US) 13/858,733 - 08-04-2013 2. (PCT/US2013/056810) - 27-08-2013 3.
(74)	MAHMOUD ADEL ABD EL HAMMED ESMAEL
(12)	Patent

(54) PLASMA HEADER GASKET AND SYSTEM Patent Period Started From 27/08/2013 and Will end on 26/08/2033

(57) A plasma header gasket for use with an internal combustion engine includes electrodes disposed around the perimeter of apertures in the gasket corresponding to piston cylinders in the engine. The electrodes produce a plasma spark in time with the engine to increase the efficiency of combustion. The plasma spark produces an ignition discharge compatible with various types of engines and types of fuels.



PCT

- (22) 04/12/2016
- (21) 1970/2016
- (44) August 2019
- (45) 05/11/2019
- (11) 29485

(51)	Int. Cl. 8 A01G 29/0, 25/02
(71)	1. AHMED MAHMOUD BADRAN (EGYPT)
	2. 3.
(72)	1. AHMED MAHMOUD BADRAN
	2. 3.
(73)	1.
(30)	2. 1.
(30)	2.
	3.
(74)	OFFICE DIB LAWYERS
(12)	Patent

(54) IRRIGATION OF TREES WITH INJECTORS NEAR THE ROOTS Patent Period Started From 04/12/2016 and Will end on 03/12/2036

(57) The present invention relates to a cylindrical injector for the trees irrigator laid under the surface of the soil with depth 10 cm to 100 cm near the roots of the trees to deliver the water to the roots of the trees directly by injection and filtration without passing of water on the surface of the soil, wherein said cylindrical injector prevents the vegetation, reduces the salinity and protect itself from entering of the roots in it and could be maintained without digging the soil.



PCT

(22) 16/06/2003

(21) 0567/2003

(44) May 2019

(45) 05/11/2019

(11) 29486

(51)	Int. Cl. 8 A61K 47/40 & C07D 417/12
(71)	1. Chiesi Farmceutici S P.A. Italian Company (ITALY)
` /	2.
	3.
(72)	1. CAPOCCHI Andrea
	2.
	3.
(73)	1.
(-)	2.
(30)	1. (EP) 020132510 - 17-06-2002
(00)	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A PROCESS FOR THE PREPARATION OF PIROXICAM:- β CYCLODEXTRIN INCLUSION COMPOUNDS Patent Period Started From 17/06/2002 and Will end on 16/06/2022

(57) The present invention relates to a process for the preparation of inclusion compounds of piroxicam with b-cyclodextrin. More particularly, according to the process of the invention, the aqueous solution of tow components is subjected, before drying, to a freezing process at very high rate.



PCT

- (22) 18/10/2011
- (21) 1742/2011
- (44) May 2019
- (45) 06/11/2019
- (11) 29487

(51)	Int. Cl. 8 A61M 1/36	
(51)	Int. Ci. Autvi 1/30	
	4 EDECENHICATEDICAL CARE D	CHECCHI AND CAMPIL (CEDIMANIA)
(71)		EUTSCHLAND GMBH (GERMANY)
	2.	
	3.	
(72)	1. NIKOLIC, Dejan	5. GRONAU, Soren
(1-)	2. MANKE, Joachim	6. GuNTHER, G?tz
	3. LAUER, Martin	7. WEIS, Manfred
	4. HaCKER, Jurgen	,
(73)	1.	
(13)	2.	
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(30)	1. (DE) 10 2009 018 664.6 - 23-04-2009	
	2. (DE) 10 2009 024 468.9 - 10-06-2009)
	3 (US) 61/185.643 - 10-06-2009	
	4 (PCT/EP2010/002488) - 21-04-2010	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) EXTERNAL FUNCTIONAL DEVICE, BLOOD TREATMENT APPARATUS FOR ACCOMMODATING SUCH AN EXTERNAL FUNCTIONAL DEVICE, AND METHODS

Patent Period Started From 21/04/2010 and Will end on 20/04/2030

(57) An external functional device is disclosed, comprising at least one housing element, at least one chamber that is integrated into the housing element and holds medical fluids, at least one duct that is integrated into the housing element and holds and/or conducts a medical fluid, and at least one valve mechanism that is entirely or partly integrated into the housing element and controls or regulates a fluid flowing through the external functional device. The invention further relates to a blood treatment apparatus and methods that can be carried out using the external functional device or blood treatment device of the invention.



PCT

- (22) 14/05/2015
- (21) 0756/2015
- (44) May 2019
- (45) 06/11/2019
- (11) 29488

(51)	Int. Cl. 8 G06F 9/48	
(71)	1. QUALCOMM INCORPORATED (UNITE 2. 3.	D STATES OF AMERICA)
(72)	1. GROKOP, Leonard Henry	4. SADASIVAM, Shankar
()	2. AHUJA, Disha	5. TEAGUE, Edward Harrison
	3. KULKARNI, Rashmi	6. NANDA, Sanjiv
(73)	1.	
()	2.	
(30)	1. (US) 61/728,190 - 19-11-2012	
(00)	2. (US) 13/841,960 - 15-03-2013	
	3. (PCT/US2013/065431) - 17-10-2013	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) SEQUENTIAL FEATURE COMPUTATION FOR POWER EFFICIENT CLASSIFICATION Patent Period Started From 17/10/2013 and Will end on 16/10/2033

(57) Disclosed is an apparatus and method for power efficient processor scheduling of features. In one embodiment, features may be scheduled for sequential computing, and each scheduled feature may receive a sensor data sample as input. In one embodiment, scheduling may be based at least in part on each respective features estimated power usage. In one embodiment, a first feature in the sequential schedule of features may be computed and before computing a second feature in the sequential schedule of features, a termination condition may be evaluated.



PCT

- (22) 12/07/2015
- (21) 1119/2015
- (44) July 2019
- (45) 06/11/2019
- (11) 29489

(51)	Int. Cl. 8 E01B 3/44
(71)	1. GREENRAIL S.R.L (ITALY)
(71)	2.
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(72)	1. DE LISI, Giovanni Maria
()	2.
	3.
(73)	1.
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(30)	1. (EP) 13425007.5 - 14-01-2013
	2. (PCT/IB2014/058216) - 13-01-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	COMPOSITE RAILWAY SLEEPER
	Patent Period Started From 13/01/2014 and Will end on 12/01/2034

(57) A composite railway sleeper comprising an outer coating shell made of composite plastic material and a shaped structural core, made of a material comprising at least concrete contained within said outer coating shell, wherein said outer coating shell presents in the upper outer face two distinct and opposite groups of grooves suitable to receive the angular guide plates (G) belonging to pre-assembled elastic type fastening systems for the connection of two respective rails (R) with said railway sleeper.



PCT

- (22) 09/01/2011
- (21) 0047/2011
- (44) | September 2019
- (45) 11/11/2019
- (11) 29490

(51)	Int. Cl. 8 A01P 3/00, 1/00
(71)	1. TASNEEM MOKHTAR AHMED FATHI RADWAN (EGYPT)
	2.
(72)	3. 1. TASNEEM MOKHTAR AHMED FATHI RADWAN
(72)	2. ASHRAF ABDEL-HAMID FAROUK WASFY
	3. SUZAN ABDELHALIM ABDALLA
	4. MAHER ABDEL-AZIZ EL-HASHASH
(73)	1.
	2.
(30)	1.
	2.
	3.
(74)	
(12)	Patent

(54) SYNTHESIS AND ANTIMICROBIAL ACTIVITY OF THREE NEW COMPOUNDS DERIVED FROM 2-PHENYL-4H-3, 1-BENZOXAZIN-4-ONE COMPOUND

Patent Period Started From 09/01/2011 and Will end on 08/01/2031

(57) New antimicrobial compounds 2-(2-(benzoylamino) benzoyl) amino-3-methylbutanoic acid 2-(2(phenylcarbonylaminophenylcarbonyl) amino benzoic acid and N-(2-(4-oxo-4H-31-benzoxazin-2-yl)phenyl) benzamide were synthesized from 2-Phenyl-31-benzoxazin-4-one. Antimicrobial activities of these synthesized compounds were performed against the carnation plant fungal pathogen Fusarium oxysporum f.sp. danthi and against the Gram negative bacteria i.e. Agrobacterium tumefaciens as peach pathogen and the Gram positive bacteria i.e. Bacillus subtilis as biocontrol agent against phytopathogenic microorganisms by agar diffusion well method.



PCT

- (22) 18/04/2012
- (21) 0725/2012
- (44) **September 2019**
- (45) 11/11/2019
- (11) 29491

(51)	Int. Cl. 8 D06F 58/20, 58/04
(71)	1. SAYED SAAD SAYED (EGYPT)
	2. 3.
(72)	1. SAYED SAAD SAYED
	2. 3.
(73)	1.
(20)	2. 1.
(30)	2.
	3.
(74)	
(12)	Patent

(54)	DOUBLE FAN FOR WASHINGMACHINE
	Patent Period Started From 18/04/2012 and Will end on 17/04/2032

(57) Washing machine agitator is created to agitate the laundry during washing in two directions at the same time. This Agitator consisting of fixed and moving parts that modifies mechanical energy and transmits it in a more useful form than similar products. The mechanical power transmitted from the washing machine motor to agitator by belt & pulley system. The unique two-direction simultaneous process is provided by this agitator through its own planetary gear system.



PCT

- (22) 08/09/2014
- (21) 1423/2014
- (44) | September 2019
- (45) 11/11/2019
- (11) 29492

(51)	Int. Cl. 8 B01D27/14 ,27/08 , 24/18
(71)	1. MOHAMED EL SAYED KHALIL (EGYPT) 2.
(72)	1. MOHAMED EL SAYED KHALIL 2.
(73)	3. 1. 2.
(30)	1. 2.
(74) (12)	3. FOCAL POINT - Al-Manoufia University Patent

(54) FILTER SIMPLIFIED, ECONOMIC AND HEALTHY DRINKING WATER PURIFICATION OF BIOLOGICAL AND CHEMICAL CONTAMINANTS Patent Period Started From 08/09/2014 and Will end on 07/09/2034

This filter consists of a tube diameter of 2 millimeters high and the length depends on the size of the pot user and the amount of water required (ranging from 5 to 10 liters at a time). It can double the breadth of the tube to expedite the filtration process, but followed by doubling the area of the filter paper 150 millimeters and a piece of cotton related to the barrel of the tube. That have been used here in an innovative way and talking and prove the filter paper and a piece of cotton on that nozzle very tightly. - Bring to boil tap water to be used for drinking in a vase of stainless steel, where the pots other formation oxides harmful to health, and for a period of at least 3 minutes, to kill microbes contaminated drinking water transmitted to him through the water networks extended to homes, such as bacteria, viruses, fungi, protozoa and eggs worms and other parasites. Where these biological contaminants do not brook boiling point of water, and that this boiling helps to volatilize some harmful gases such as chlorine, and helps Boiling also convert some chemical contaminants from the image dissolved that are difficult to be separated into chemical compounds deposited easily separated using a filter. Leave the water to cool down and the completion of the deposition of chemical contaminants, and then drown the party filter provider Two pieces of cotton and paper nomination in this free water from biological contaminants, the water passes the candidate from him to the other slot of the filter which is the end of the tube, and then into a pot of drinking clean, with not allowing the passage of contaminants Chemical. And thus get rid of a lot of biological and chemical pollutants together and accessible manner, safe and inexpensive. This water then packaged in bottles and keeps in the refrigerator for use in home drinking. This filter is the only type that is consumption because he used only once and then replaces the filter another without costs rem

17



PCT

- (22) 12/05/2016
- (21) 0803/2016
- (44) **September 2019**
- (45) 11/11/2019
- (11) 29493

(51)	Int. Cl. 8 E04C 3/294
(71)	1. TAHA AWAD ALLAH EL-SAYED IBRAHIM (EGYPT)
` /	2.
	3.
(72)	1. TAHA AWAD ALLAH EL-SAYED IBRAHIM
(1-)	2.
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(73)	1.
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(30)	1.
(/	2.
	3.
(74)	
(12)	Patent

(54) A METHOD FOR TESTING REINFORCED CONCRETE ELEMENTS UNDER ELEVATED TEMPERATURE Patent Period Started From 12/05/2016 and Will end on 11/05/2036

(57) The presented method is a simple, economical, and reliable technique that can be used to assess the fire resistance of concrete elements such beams and columns exposed to multi-action of external loads and elevated temperature simultaneously. The new technique was verified by testing (30) normal and high strength concrete beams & columns. These specimens were tested on a testing machine after implementing the temperature development technique till reaching the 600°c. specimens' dimensions were 150 mm depth and width and 1600 mm length. Results indicated that tested rc specimens provided better understanding to the structural behavior of elements in the field.



PCT

- (22) 29/05/2016
- (21) 0877/2016
- (44) **September 2019**
- (45) 11/11/2019
- (11) 29494

(51)	Int. Cl. 8 F24F 11/30
(71)	1. MAHMOUD MOHAMED ABDELAAL ALI (EGYPT) 2.
(72)	3. 1. MAHMOUD MOHAMED ABDELAAL ALI 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	Patent

(54) AIR CONDITIONED UMBRELLA TRACE A PERSON WHILE WALKING Patent Period Started From 29/05/2016 and Will end on 28/05/2036

(57) Air conditioner tracking above the person in the walking or in any place protection the person from the severity of the heat in the summer and provides air conditioning through walking and also in the winter protection from the severity of the cold and provides hot air conditioning, where working the refrigeration unit operator to provides air conditioning cold and hot both in the summer and %inter. it is like the umbrella but not touched it like umbrella follow the person and the control by mobile phone, the umbrella to provides or reduce air and also determine the height of the umbrella and control the umbrella shadow to avoid atmospheric factors and can put personal requirements above the umbrella both in the summer or winter such as (water, juice, hot drinks, foods ,wrist watch, pocket money, book, perfume).



PCT

- (22) 12/10/2017
- (21) 1682/2017
- (44) **September 2019**
- (45) 11/11/2019
- (11) 29495

(51)	Int. Cl. 8 H02H 7/00
(71)	1. HOSSAM YAHIA MOHAMED ISMAEL (EGYPT) 2. 3.
(72)	1. HOSSAM YAHIA MOHAMED ISMAEL 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	Patent

(54) A DEVICE FOR PROTECTING WATER PUMPS IN CASE OF ELECTRIC FLOAT MALFUNCTION Patent Period Started From 12/10/2017 and Will end on 11/10/2037

(57) The present invention relates to a device that cuts off the electricity of water pumps in case of upper float dysfunction which leads to water flowing out of the water tank.



PCT

- (22) 16/01/2018
- (21) 0087/2018
- (44) **September 2019**
- (45) 11/11/2019
- (11) 29496

(51)	Int. Cl. 8 A61B 17/62
(71)	1. MOHAMED SAYEDAHMED MOHAMED SAYEDAHMED WAHEEB (EGYPT)
` ′	2.
	3.
(72)	1. MOHAMED SAYEDAHMED MOHAMED SAYEDAHMED WAHEEB
` ′	2.
	3.
(73)	1.
, ,	2.
(30)	1.
, ,	2.
	3.
(74)	
(12)	UTILITY MODEL

(54) POLYAMIDE RINGS AS BONE EXTERNAL FIXATION Patent Period Started From 16/01/2018 and Will end on 15/01/2025

(57) This innovation relates to external fixation rings used to repair bone fractures and deformities, which are made in the form of a complete ring of polymer compounds with dimensions in thickness (10-13 MM), width (20mm), number of holes and dependence on fixed angle (15 degrees) between centers of the holes. And reach the relationship between the angle between the center of two adjacent holes and the radius of the ring, which takes into account the hardness of the ring of the material manufactured and reduce the rate of its flexibility.



PCT

- (22) 01/07/2010
- (21) 1131/2010
- (44) July 2019
- (45) 11/11/2019
- (11) 29497

(51)	Int. Cl. 8 H01F 27/14
(71)	1. CTR MANUFACTURING INDUSTRIES LIMITED (INDIA)
	2.
	3.
(72)	1. WAKCHAURE, Vijaykumar, Kisanrao
. ,	2.
	3.
(73)	1.
	2.
(30)	1. (IN) 00010/MUM/2008 - 01-01-2008
(30)	2. (PCT/IN2009/000003) - 01-01-2009
	3.
(74)	RAGAII EL DEKKI & PARTNERS
(12)	Patent

(54) A SYSTEM AND METHOD FOR PREVENTING, PROTECTING OLTC FROM FIRE AND/OR TRANSFORMER FROM EXPLOSION

Patent Period Started From 01/01/2009 and Will end on 31/12/2029

(57) The present invention relates to a system and method for preventing, protecting OLTC from fire and / or preventing, protecting and / or detecting explosion and / or resulting fire of electrical transformer in advance before decomposition of combustible coolant fluid / dielectric oil.



PCT

- (22) 23/05/2016
- (21) 0851/2016
- (44) June 2019
- (45) 11/11/2019
- (11) 29498

(51)	Int. Cl. 8 C 02 F 1/469, 9/02, 5/00
(71)	1. ENVIRO WATER MINERALS COMPANY, INC (UNITED STATES OF AMERICA) 2. 3.
(72)	 WALLACE, Paul Steven 3.
(73)	1. 2.
(30)	1. (US) 61/908,318 - 25-11-2013 2. (US) 62/062,657 - 10-10-2014 3. (PCT/US2014/067176) - 24-11-2014
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SYSTEM AND MEHTOD FOR REMOVING MINERALS FROM A BRINE USING ELECTRODIALYIS

Patent Period Started From 24/11/2014 and Will end on 23/11/2034

(57) A method of treating a brine stream including a plurality of minerals with an anti-scalant is provided. The brine stream is provided by a wastewater treatment system. The method also includes directing the treated brine to a first nanofiltration to generate an NF permeate stream and an NF non-permeate stream from the treated brine; directing the first NF non-permeate stream to a mineral removal system disposed downstream and removing the plurality of minerals from the first NF non-permeate stream to generate a first overflow stream. The first overflow stream comprises at least a portion of the plurality of minerals. The method also includes routing a portion of the first overflow stream to a hydrochloric acid (HCI) and sodium hydroxide (NaOH) production system. The method further includes directing the second brine stream to a first electrodialysis (ED) system disposed within the HCI and NaOH production system and fluidly coupled to the second NF system. The first ED system may generate HCI and NaOH from the second brine stream.



PCT

- (22) 14/11/2016
- (21) 1866/2016
- (44) May 2019
- (45) 11/11/2019
- (11) 29499

(51)	Int. Cl. 8 H01F 1/00 & B03C 1/015
(71)	1. POLITECNICO DI MILANO (ITALY) 2.
	3.
(72)	1. MOSCATELLI, Davide
	2. MASI, Maurizio
	3. PESCE, Ruggiero Maria
(73)	1.
	2.
(30)	1. (IT) MI2014A000913 - 20-05-2014
(00)	2. (PCT/IB2015/053652) - 18-05-2015
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) AMPHIPHILIC MAGNETIC NANOPARTICLES AND AGGREGATES TO REMOVE HYDROCARBONS AND METAL IONS AND SYNTHESIS THEREOF Patent Period Started From 18/05/2015 and Will end on 17/05/2035

(57) The present invention relates to a magnetic nanoparticle comprising: a) a core containing a ferromagnetic material; b) an outer coating containing a mixture of a lipophilic compound and a hydrophilic compound. The outer coating of the above particle makes the nanoparticle stable in water and, simultaneously, capable of adsorbing/emulsifying large amounts of hydrophobic/lipophilic compounds. The present invention further relates to a process for the preparation of the above- mentioned particles as well as their use in the removal of hydrocarbons from solid or liquid environments and metal ions from contaminated water (wastewater).



PCT

- (22) 20/4/2016
- (21) 0706/2016
- (44) June 2019
- (45) 11/11/2019
- (11) 29500

(51)	Int. Cl. ⁸ F01F 9/10
(01)	
(71)	1. TYME, INC (UNITED STATES OF AMERICA)
()	2.
	3.
(72)	1. HOFFMAN, Steven
(, =)	2.
	3.
(73)	1.
(10)	2.
	·
(30)	1. (US) 14/059,837 - 22-10-2013
, ,	2. (PCT/US2014/061481) - 21-10-2014
	3.
(5 4)	CAMAD AIMED EL LADDAD
(74)	SAMAR AHMED EL LABBAD
(12)	Patent
(12)	

(54) HIGH-SPEED CENTRIFUGAL MIXING DEVICES AND METHODS OF USE Patent Period Started From 21/10/2014 and Will end on 20/10/2034

(57) A centrifugal mixing device can include a shaft assembly that is operably coupled to a motor such that the motor rotates the shaft assembly about a first axis. The devices can further include a turret that is rotatably coupled to the shaft assembly such that the turret rotates about the first axis relative to the shaft assembly. The turret can include a first support, a first canister rotatably coupled to the first support such that the first canister rotates about a second axis, and a second canister rotatably coupled to the first support such that the second canister rotates about a third axis. The turret is configured to rotate about the first axis in a first rotational direction and each of the first and second canisters is configured to rotate about the second and third axes, respectively, in a second rotational direction that is opposite the first rotational direction.



PCT

(22) 16/04/2014

(21) 0610/2016

(44) July 2019

(45) 17/11/2019

(11) 29501

(51)	Int. Cl. 8 E21B 47/00
(71)	1. BP EXPLORATION OPERATING COMPANY LIMITED (UNITED KINGDOME) 2. 3.
(72)	 STREETER, Edward, James MASON, Colin, James .
(73)	1. 2.
(30)	1. (GB) PCT/GB2011/001505 - 19-10-2011 2. (PCT/EP2012/070750) - 19-10-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)**IDENTIFYING FORCES IN A WELL BORE** Patent Period Started From 19/10/2012 and Will end on 18/10/2032

(57) A member is moved within a well bore in a plurality of cycles, each cycle comprising holding the member in slips, releasing the slips, moving the member within the well bore and applying the slips. The hook load is measured at multiple points during each of these cycles and the plurality of measured values are used to identify data indicative of the forces on the member within the well bore.



PCT

- (22) 17/03/2015
- (21) 0413/2015
- (44) July 2019
- (45) 17/11/2019
- (11) 29502

(51)	Int. Cl. 8 D04H 3/007, 3/147, 3/16 & D01I	D 1/10 & D01F 6/06, 8/06
(71)	1. PEGAS NONWOVENS S.R.O. 2. 3.	
(72)	 KLASKA, Frantisek KUMMER, Jiri MECL, Zdenek KASPAROKOVA, Pravlina 	 5. POKORNA, Jitka 6. KOHUT, Jaroslav 7. de BEER, Antonius, Lambertus, Johannes 8. XU, Han
(73)	1. 2.	
(30)	1. (CZ) PV2012-655 - 21-09-2012 2. (PCT/CZ2013/000113) - 20-09-2013 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) NONWOVEN WEBS WITH ENHANCED SOFTNESS AND PROCESS FOR FORMING SUCH WEBS Patent Period Started From 20/09/2013 and Will end on 19/09/2033

(57) A nonwoven web comprising heat bondable fibres and comprising a plurality of calendering bonds having a bond shape; characterized in that said heat bondable fibres comprise propylene copolymer and softness enhanced additive and polypropylene, wherein the plurality of calendering bonds having a bond shape forms a regular pattern and wherein said bond shapes have a greatest measurable length and a greatest measurable width, wherein an aspect ratio of the greatest measurable length to the greatest measurable width is at least 2.5. A method for forming such webs is defined as well.



PCT

- (22) 09/02/2011
- (21) 0229/2011
- (44) April 2019
- (45) 17/11/2019
- (11) 29503

(51)	Int. Cl. 8 A61K 31/343, 31/4965, 31/506, 31/5575, 31/5578
(71)	1. ACTELION PHARMACEUTICALS LTD (SWITZERLAND) 2.
(72)	3. 1. CLOZEL, Martine 2.
(73)	3. 1. 2.
(30)	1. (PCT/IB2008/053252) - (12-08-2008 2. (PCT/IB2009/253553) - 12-08-2009 3.
(74) (12)	NAHED WADIH RIZK Patent

(54) THERAPEUTIC COMPOSITIONS CONTAINING MACITENTAN Patent Period Started From 12/08/2009 and Will end on 11/08/2029

(57) The invention relates to a product containing the compound of formula (I) below or a pharmaceutically acceptable salt of this compound, in combination with at least one compound having prostacyclin receptor (IP) agonist properties, or a pharmaceutically acceptable salt thereof.



PCT

- (22) 08/12/2011
- (21) 2063/2011
- (44) | September 2019
- (45) 19/11/2019
- (11) 29504

(51)	Int. Cl. 8 B65D 77/24
(71)	1. SOREMARTEC S.A. (LUXEMBOURG)
()	2.
	3.
(72)	1. RABALLO, Mauro
()	2.
	3.
(73)	1.
(,)	2.
(30)	1. (TI) TO2009A000447 - 11-06-2009
(00)	2. (PCT/IB2010/052560) - 09-06-2010
	3.
(74)	GAMAL ALDIN LOTFI ABD ALATEEF
(12)	Patent

(54) A PACKAGE FOR FOOD PRODUCTS Patent Period Started From 09/06/2010 and Will end on 08/06/2030

(57) Package for food products, comprising a cup adapted to contain a food substance and a sealing member applied to the mouth profile of said cup and in combination a take-up member for taking up said food substance, such as a spatula or the like. The base wall of the cup has a depression wherein said eating member is housed and wherein said package comprises a laminar member applied to cover said depression and said eating member; preferably, said laminar member has on its face facing toward the eating member a peripheral region having an adhesive, which allows its fastening by adhesion to at least a portion of the wall of the cup adjacent to said depression and an internal non-adhesive region overlying said eating member, said peripheral region and said internal region being adjacent one to the other along a weakened profile susceptible to be torn by the user to allow the extraction of said eating member.



PCT

- (22) 24/01/2017
- (21) 0137/2017
- (44) August 2019
- (45) 24/11/2019
- (11) 29505

(51)	Int. Cl. 8 A01K 41/6
(71)	1. HATCHTECH GROUP B.V (NETHERLANDS) 2. 3.
(72)	1. METER, Tjitze 2. 3.
(73)	1. 2.
(30)	1. (HN) 2013281 - 31-07-2014 2. (PCT/NL2015/050559) - 31-07-2015 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) EGG TRAY FOR INCUBATING AND HATCHING EGGS Patent Period Started From 31/07/2015 and Will end on 30/07/2035

(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. A first egg accommodation space comprises, seen from the first egg accommodation space, an inwardly protruding member for supporting an egg in the first egg accommodation space and an outwardly protruding member for supporting an egg in an adjacent egg accommodation space.



PCT

- (22) 19/08/2014
- (21) 1320/2014
- (44) **September 2019**
- (45) 24/11/2019
- (11) 29506

(51)	Int. Cl. 8 B01D 53/2
(71)	1. COMMERZIALBANK MATTERSBURG IM BURGENLAND AKTIENGESELLSCHAFT 2. (AUSTRIA) 3.
(72)	1. PHILIPP, Franz, Josef 2. 3.
(73)	1. 2.
(30)	1. (AU) A 204/2012 - 02-02-2012 2. (PCT/AT2013/050037) - 13-02-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD FOR PROCESSING CARBON DIOXIDE CONTAINED IN AN EXHAUST GAS FLOW

Patent Period Started From 13/02/2013 and Will end on 30/02/2033

(57) The present invention relates to a method for processing carbon dioxide (CO₂) contained in an exhaust gas flow. For the purpose of obtaining a carbon-enriched product from organic-containing substances and carbon dioxide (CO₂), the exhaust gas flow is brought into contact in a drying and cooling chamber with a moist, porous, siliceous material and admixed aluminium hydroxide and/or aluminium oxide hydrate and/or optionally a different metal oxidation means, with the generation of a basic aqueous milieu and for the destabilisation of the carbon dioxide (CO₂), said exhaust gas flow being cooled in said chamber, wherein the quantity of aluminium hydroxide and/or aluminium oxide hydrate to be admixed is controlled by means of an ongoing pH value measurement, after which the aqueous milieu is fed to a subsequent prechamber which is charged with a material carrying oxidisable alkaline earth metal and/or heavy metal, wherein a neutralisation of the aqueous milieu carrying ionised carbon occurs and formed alkaline earth metal and/or heavy metal oxide is discharged from the prechamber and the aqueous milieu carrying ionised carbon (C) is then fed to a main chamber charged with material consisting of organic carbon compounds and/or containing organic carbon compounds.



PCT

- (22) 08/12/2016
- (21) 2002/2016
- (44) August 2019
- (45) |24/11/2019
- (11) 29507

(51)	Int. Cl. 8 G01N 21/65
(71)	1. CASALE SA (SWITZERLAND)
	2. 3.
(72)	1. RUGNONE, Luca
	2. 3.
(73)	1.
(20)	2. 1. (EP) 14172011.0 - 11-06-2014
(30)	2. (PCT/EP2015/062304) - 02-06-2015
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A METHOD FOR IN-LINE QUANTITATIVE ANALYSIS OF A STREAM IN A PRODUCTION PLANT FOR THE SYNTHESIS OF UREA

Patent Period Started From 02/06/2015 and Will end on 01/06/2035

(57) The invention discloses the use of Raman spectroscopy to analyze one or more process streams of a urea synthesis production plant, where urea is synthesised from ammonia and carbon dioxide at high pressure (100 - 300 bar) and high temperature (50 - 250°C). The radiation generated by the Raman scattering is analyzed to determine the concentration of components such as urea, ammonia and carbon dioxide in the process streams. A logic system implemented in a plant control unit generates signals to target plant actuators to optimize the operation.

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



(22) 24/11/2014

(21) 1904/2014

(44) | September 2019

(45) 24/11/2019

(11) 29508

(51)	Int. Cl. 8 A01K 61/00, B63B 35/613
(71)	1. ESPANOLA DE PLATAFORMAS MARINAS, S.L (SPAIN) 2. 3.
(72)	1. QUINTA CORTINAS, Andrés 2. 3.
(73)	1. 2.
(30)	1. (SP) P201230794 - 25-05-2012 2. (PCT/ES2013/070335) - 24-05-2013 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FLOATING STRUCTURE AND METHOD FOR OBTAINING SAME Patent Period Started From 24/05/2013 and Will end on 23/05/2033

(57) The invention relates to a floating structure and to a method for obtaining same. The structure provides a first plurality of tubes and a second plurality of tubes. The second plurality of tubes is inserted into the first plurality of tubes, such as to extend through the upper portion of same, and both sets of tubes are welded together. The ends of the tubes of the first plurality of tubes, as per the example, are closed in order to be used as flotation tanks when the floating structure is fitted out for the use thereof. According to the method, the first plurality of tubes is locked in place on the frame, with the pairs of holes provided in the tubes of the first plurality of tubes being aligned, and a corresponding tube of the second plurality of tubes is inserted through each pair of aligned holes by force, the ends of each of the connection portions or parts contained in the tubes being welded on the periphery of the holes.

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



PCT

(22) 12/02/2007

(21) 0166/2007

(44) May 2019

(45) 24/11/2019

(11) 29509

(51)	Int. Cl. 8 G01V 1/28
(71)	1. PGS Americas, Inc (UNITED STATES OF AMERICA)
(, 1)	2.
	3.
(72)	1. Shu-Schung Lee
	2. lin,yeashung
	3. Willis, john
(73)	1.
. ,	2.
(30)	1. (US) 947.745/10 - 23-09-2004
	2. (PCT/US2005/028867) - 12-08-2005
	3.
(74)	MOHAMED KAMEL MOSTAFA
(12)	Patent

METHOD FOR DEPTH MIGRATING SEISMIC DATA USING **(54)** PRE-STACK TIME MIGRATION, DEMIGRATION, AND POST STACK DEPTH MIGRATION

Patent Period Started From 12/08/2005 and Will end on 11/08/2025

(57) The invention is a method for depth migrating seismic data. The method in cludes pre-stack time migrating the seismic data to form a stacked. Time migrated image. The stacked, time migrated image is demigrated, and post- stack depth migration is then performed on the demigrated image. In some embodiments, the pre-stack time migration and the demigration account for ray bending in vertically transversely isotropic media.



PCT

- (22) 28/07/2015
- (21) 1173/2015
- (44) | September 2019
- (45) 25/11/2019
- (11) 29510

(51)	Int. Cl. 8 C02F 1/469, 1/461, 1/20 & B01D 61/44
(71)	1. INDUSTRIE DE NORA S.P.A (ITALY) 2.
(50)	3.
(72)	 UNO, Masaharu HAMAGUCHI, Katsumi
(=0)	3.
(73)	1. 2.
(30)	1. (JP) 2013-013760 - 28-01-2013
(00)	2. (PCT/EP2014/051567) - 28-01-2014
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) AN ELECTROLYZED WATER GENERATING METHOD AND A GENERATOR

Patent Period Started From 28/01/2014 and Will end on 27/01/2034

(57) An electrolyzed water generating method and a generator to produce both acidic electrolyzed water free from alkaline-metal chloride and alkaline electrolyzed water free from alkaline-metal chloride by electrolyzing aqueous solution with dissolved alkaline-metal chloride. Solution: An electrolyzed water generating method, comprising the steps of anodic electrolyte comprising aqueous solution with dissolved alkaline-metal chloride is supplied and circulated from a storage tank of anodic electrolyte which retains anodic electrolyte to an anode chamber of a two compartment cell separated by a cation exchange membrane into two chambers of an anode chamber accommodating an anode and a cathode chamber accommodating a cathode, raw water free from alkaline-metal chloride is supplied to the cathode chamber, and electrolysis is carried out, whereby alkaline electrolyzed water free from alkaline-metal chloride at the cathode chamber is produced and simultaneously chlorine containing gas is produced at the anode chamber, after the gas is separated and collected from the anodic electrolyte, let it come in contact with dissolution fluid free from alkaline-metal chloride to be dissolved, and acidic electrolyzed water free from alkaline-metal chloride is produced.



PCT

- (22) 26/04/2015
- (21) 0646/2015
- (44) June 2019
- (45) 25/11/2019
- (11) 29511

(51)	Int. Cl. 8 H02J 7/00 & G06F 1/26
(71)	1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. HAWAWINI, Shadi
()	2. PAPARRIZOS, Georgios K
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(,,,)	2.
(30)	1. (US) 61/719,822 - 29-10-2012
(00)	2. (US) 13/759,865 - 05-02-2013
	3. (PCT/US2013/066847) - 25-10-2013
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) HIGH VOLTAGE DEDICATED CHARGING PORT Patent Period Started From 25/10/2013 and Will end on 24/10/2033

(57) Circuitry in a portable device may be attached to external device, such as a power supply, to receive a voltage at a desired voltage level from the external device. The circuitry may assert one of several electrical configurations on the cabling that electrically connects the portable device to the external device to indicate to the external device a desired voltage level.



PCT

- (22) 22/09/2016
- (21) 20160922
- (44) | September 2019
- (45) 25/11/2019
- (11) 29512

(51)	Int. Cl. 8 E03F 1/00
(71)	1. EVAC GMBH (GERMANY) 2. 3.
(72)	 OREMEK, Peter AUTZEN, Matthias 3.
(73)	1. 2.
(30)	1. (DE) 20 2014 002 712.9 - 28-03-2014 2. (PCT/EP2015/056780) - 27-03-2015 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PNEUMATIC CONTROL VALVE FOR SANITARY DEVICE Patent Period Started From 27/03/2015 and Will end on 26/03/2035

(57) The invention relates to a control valve device for controlling a sanitary device, comprising a valve housing, which comprises a vacuum chamber with a first vacuum line connection, an intermediate chamber with a second vacuum line connection, and an ambient pressure chamber with a ventilation opening, and comprising a manually movable valve lifter which seals the vacuum chamber from the intermediate chamber and releases a connection between the intermediate chamber and the ambient pressure chamber in a first position and releases a connection between the vacuum chamber and the intermediate chamber and seals the intermediate chamber from the ambient pressure chamber in a second position. According to the invention, a compressed air valve unit which is coupled to the valve lifter is provided with a valve body which blocks a compressed air inlet from a compressed air outlet in the first position of the valve lifter and which releases a connection between the compressed air inlet and the compressed air outlet in the second position of the valve lifter.



PCT

- (22) 25/02/2013
- (21) 20130295
- (44) August 2019
- (45) 25/11/2019
- (11) 29513

(51)	Int. Cl. 8 A61L 29/08, 31/10 & A61N 1/375 & C08L 39/06
(01)	
(71)	1. BIOINTERACTIONS LIMITED (UNITED KINGDOM)
(/	2.
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(72)	1. SANDHU, Shivpal, S.
()	2. ONIS, Simon, Jon
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(30)	1. (US) 12/877,233 - 08-09-2010
(30)	2. (PCT/GB2011/001291) - 02-09-2011
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(74)	SAMAR AHMED EL LABBAD
(12)	Patent
(12)	1 atcin

(54) LUBRICIOUS COATINGS FOR MEDICAL DEVICES Patent Period Started From 02/09/2011 and Will end on 01/09/2031

(57) Substrates may be coated with copolymers of N-vinyl pyrroiidinone and aryl ketones. Processes are described for making the copolymers at high molecular weight with the ketones randomly dispersed on the copolymer.



PCT

- (22) 10/11/2009
- (21) 1661/2009
- (44) May 2019
- (45) 25/11/2019
- (11) 29514

(51)	Int. Cl. 8 E02F 9/28
(71)	1. ESCO CORPORATION (UNITED STATES OF AMERICA)
	2.
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(72)	1. SNYDER, Chris, D.
	2. KREITZBERG, John, S.
	3. OLLINGER, Charles, G., IV
(73)	1.
	2.
(30)	1. (US) 60/928,780 - 10-05-2007
()	2. (US 60/928,821- 10-05-2007
	3. (US) 60/930,483 – 15-05-2007
	4. (PCT/US2008/062724) - 06-05-2008
(74)	HASSAN HASAN MOUSTAFA
(12)	Patent

(54) WEAR ASSEMBLY FOR EXCAVATING EQUIPMENT Patent Period Started From 06/05/2008 and Will end on 05/05/2028

(57) A wear assembly for excavating equipment includes a base fixed to the excavating equipment, a wear member fit over the base, and a lock to releasably hold the wear member to the base. The wear member includes side relief to reduce drag on the system. The wear member and the base each includes a hemispherical front end and a generally trapezoidal rear portion. The base includes a nose and a stop projecting from the nose to cooperate with the lock without an opening being needed to receive the lock into the nose. The lock is an elongate lock positioned generally in an axial direction and which holds the wear member to the base under compressive loads.



PCT

- (22) 07/10/2009
- (21) 1475/2009
- (44) June 2019
- (45) 25/11/2019
- (11) | 29515

(51)	Int. Cl. ⁸ H04L 1/18
(71)	1. TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) (SWEDEN) 2. 3.
(72)	 TYNDERFELDT, Tobias PARKVALL, Stefan TORSNER, Johan 4. ASTELY, David 4. ASTELY, David 5. PARKVALL, Stefan 6. PARKVALL, Stefan 7. PARKVALL, Stefan 8. PARKVALL, Stefan 9. PARKVALL, Stefa
(73)	1. 2.
(30)	1. (SE) 0700902-0 - 11-04-2007 2. (PCT/SE2008/050386) - 03-04-2008 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) METHOD AND APPARATUS IN A TELECOMMUNICATION SYSTEM-PROCEDE ET APPAREIL DANS UN SYSTEME DE TELECOMMUNICATIONS Patent Period Started From 03/04/2008 and Will end on 02/04/2028

or half duplex FDD transmission arrangement when communicating with a data sending party, for scheduling feedback reports for data blocks in received RX sub-frames, in TX sub-frames available for transmission. An obtaining unit in the communication unit receives allocation parameters (P) for the connection where the number of required feedback reports is greater than the number of allowed feedback reports. A scheduling unit in the communication unit then schedules feedback reports (FR) in available TX sub-frames according to a predetermined spreading rule also known by the data sending party, dictating that the feedback reports are spread out or distributed evenly over the available TX sub-frames. In this way, the number of feedback reports in a TX sub-frame can be reduced.



PCT

- (22) 16/10/2016
- (21) 1691/2016
- (44) **September 2019**
- (45) 25/11/2019
- (11) 29516

(51)	Int. Cl. 8 B29C 45/14, 31/00
(71)	1. SONOCO DEVELOPMENT INC (UNITED STATES OF AMERICA) 2. 3.
(72)	1. DOBLER, Daniel 2. 3.
(73)	1. 2.
(30)	1. (DE) 10 2014 005 659.7 - 17-04-2014 2. (PCT/EP2015/000767) - 13-04-2015 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD FOR TRANSFERRING BOTTOM LABELS AND WRAPAROUND LABELS INTO AN INJECTION MOULD AND DEVICE, SUITABLE FOR THIS PURPOSE, FOR PRODUCING INJECTION

Patent Period Started From 13/04/2015 and Will end on 12/04/2035

A method is proposed for transferring a bottom label and a wraparound label into an injection mould for producing an injection-moulded part provided with the labels, in that the bottom label is arranged on the end side and the wraparound label on the lateral side of an insert die and the insert die equipped with the two labels is introduced into the mould cavity of the moulding tool, after which the bottom label is deposited on the bottom and the wraparound label on the lateral surface of the mould cavity of the moulding tool, in order to back-mould them with a plastics material injected into the mould cavity. According to the invention, the method comprises the following steps of: - providing an insert die, the end side of which has a central portion and a circumferential portion adjoining the central portion radially on the outside, wherein the central portion protrudes further in the direction of the free end of the insert die in the axial direction of the latter than the circumferential portion, such that the cross section of the insert die narrows in the direction of its free end, at least in the circumferential portion of its end side; - applying the bottom label both to the central portion and to the circumferential portion of the end side of the insert die and applying the wraparound label to the lateral side thereof such that the wraparound label projects beyond the end, facing the end side, of the lateral side of the insert die in the direction of the free end thereof; - introducing the insert die equipped with the two labels into the mould cavity of the moulding tool;