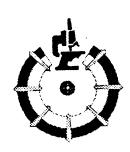
Ministry of State for Scientific Research Academy of Scientific Research & Technology



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED DECEMBER IN 2014"

Egyptian Patent Office

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(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

Mr. Adel El- Saeid Oweide

Bibliographic data

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Patent Number	11
Patent Kind	12
Application Number	21
Filing Date	22
Priority Number	
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Issuance Date	45
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Title	54
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Inventor Name	72
Patentee Name	73
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List of Codes of Countries and Regional Organisations Administered by the World Intellectual Property Organisation

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Code	Country	
AE	United Arab emairates	
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AL	Albania ⁾	
AM	Armenia	
AO	Angola	
AR	Argentina	
AT	Austria	
AU	Australia	
AZ	Azerbaijan	
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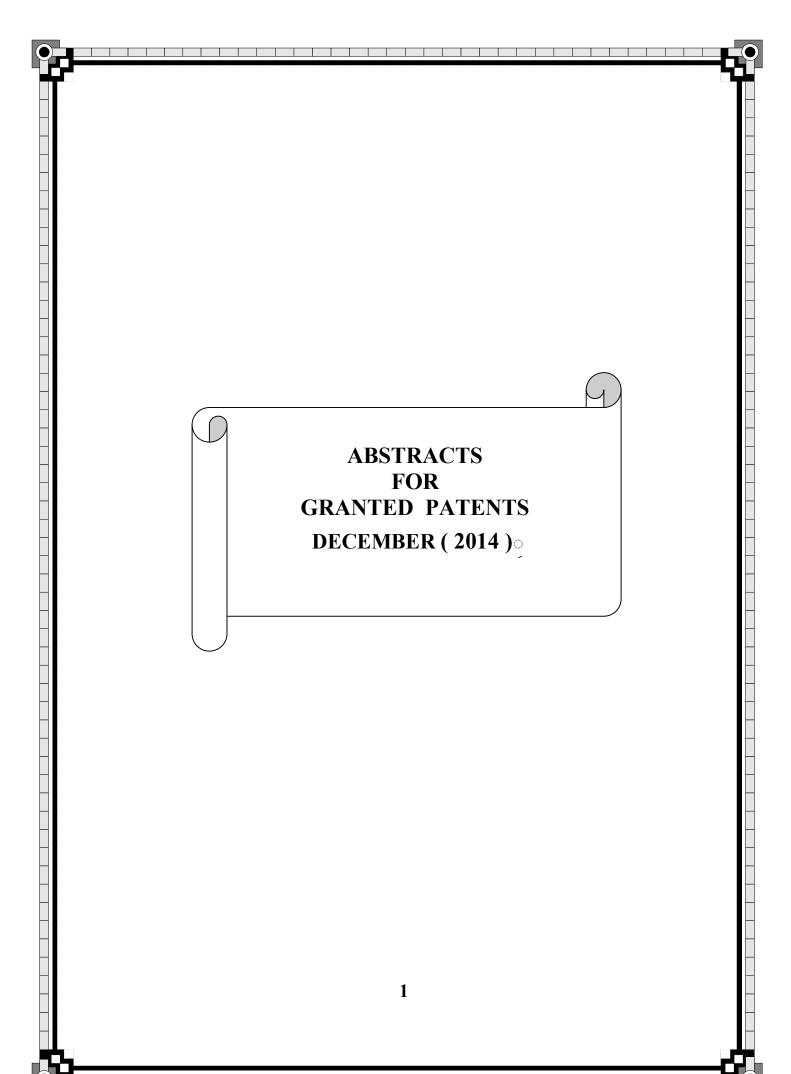
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KG	Kyrgyzstan
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KR	Republic of Korea
KW	Kuwait
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RW	Rwanda
SA	Saudi Arabia

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Code	Country
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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



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Egyptian Patent Office



- (22) 16/01/2011
- (21) 0103/2011
- (44) July 2014
- (45) 03/12/2014
- (11) 26894

(51)	Int. Cl. ⁸ F25J 3/02 & C01B 31/20 - B01D 53/14, 53/26
. ,	1 UNION ENGINEERING A/C (DENMARY)
(71)	1. UNION ENGINEERING A/S (DENMARK) 2.
	3.
(72)	1. FIND, Rasmus
	2. POULSEN, Jan Flensted 3.
(73)	1.
. ,	2.
(30)	1. (DK) PA200801006 – 16/07/2008
	2. (PCT/DK2009/050159) – 03/07/2009
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD FOR PURIFICATION OF CARBON DIOXIDE USING LIQUID CARBON DIOXIDE

Patent Period Started From 03/07/2009 and Will end on 02/07/2029

(57) The present invention relates to a method for removing at least one contaminant from a gaseous stream substantially comprising carbon dioxide. More specifically said method comprising the step of subjecting the gaseous stream to an absorption step in which the absorbent is liquid carbon dioxide.

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Egyptian Patent Office



- (22) 31/07/2012
- (21) 1341/2012
- (44) July 2014
- (45) 03/12/2014
- (11) 26895

(51)	Int. Cl. ⁸ C01B 17/765& 17/80
(71)	1. OUTOTEC OYJ. (FINLAND) 2. 3.
(72)	 DAUM, Karl-Heinz SCHALK, Wolfram
(73)	1. 2.
(30)	1. (DE) 102010006541,2 - 01/02/2010 2. (PCT/EP2011/000074) - 11/01/2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS AND PLANT FOR COOLING SULFURIC ACID

Patent Period Started From 11/01/2011 and Will end on 10/01/2031

(57) When cooling acid which is withdrawn from an absorption apparatus of a sulfuric acid plant, the acid is pumped from an acid pump tank into a heat exchanger and subsequently again supplied to the absorption apparatus, wherein water as heat transport medium is heated in the heat exchanger with the heat of the acid and is at least partly converted into steam, and wherein the water is separated from the steam. It is provided that the acid is supplied to a shell space of the heat exchanger and the water is supplied to heat transfer elements arranged in the shell space and at least partly converted into steam, that the steam generated in the heat exchanger is separated from water in a steam drum, and that the water thus obtained is recirculated to the heat exchanger by means of a pump.

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Egyptian Patent Office



- (22) 16/08/2010
- (21) | 1376DI/2010
- (44) July 2014
- (45) 04/12/2014
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(72)	 HABIB Rahman NIGEL Leaver GEOFFREY Ditchfield 	4. ARTHUR Dalton 5. STEPHEN Wilmore	
(73)	1. 2.		
(30)	1. (GB) 0914593,9 – 20/08/2009 2. 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

(54) CABLE TRUNKING DEVICE WITH GUIDE CHANNELS

Patent Period Started From 16/08/2010 and Will end on 15/08/2030

(57) A method for dirt-resistant treatment of bank notes and/or security paper in general, characterized in that it provides for deposition on the surface to be treated of a composition comprising a polycarbonate-based aliphatic polyurethane and a polyether-based aliphatic polyurethane.

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- (22) 23/12/2012
- (21) 2110/2012
- (44) July 2014
- (45) 04/12/2014
- (11) 26897

(51)	Int. Cl. 8 C07C 273/04
(71)	1. STAMICARBON B.V. (NETHER LANDS) 2. 3.
(72)	 DIELTJENS, Luc Louis Maria 3.
(73)	1. 2.
(30)	1. (EP) 10167180,8 – 24/06/2010 2. (EP) 10168065,0 – 01/07/2010 3. (PCT/NL2011/050458) – 24/06/2011
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) UREA PLANT Patent Period Started From 24/06/2011 and Will end on 23/06/2031

(57) The invention relates to urea plant with a CO2 and NH3 feed, which comprises a purge line, characterized in that the purge line is connected with a fuel gas input line of a utility plant or an NH3 plant.

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Egyptian Patent Office



- (22) 16/12/2012
- (21) 2064/2012
- (44) July 2014
- (45) 04/12/2014
- (11) 26898

(51)	Int. Cl. ⁸ G08B 21/00
(71)	1. FIKE CORPORATION (UNITED STATES OF AMERICA) 2. 3.
(72)	 WALKER, Joseph,A. SHAW, Bon, F. .
(73)	1. 2.
(30)	1. (US) 12/815,252 – 14/06/2010 2. (PCT/US/2011/024239) – 09/02/2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) BURST INDICATOR Patent Period Started From 09/02/2011 and Will end on 08/02/2031

(57) A burst indicator for use in a rupture disc assembly is provided. The burst indicator comprises a non-electrically conductive material having an outer annular portion and an inner section joined to the outer portion by a pair of bridge features. A circuit comprising electrically conductive segments is located on the burst indicator and can be used to monitor the integrity of the rupture disc. One electrically conductive segment is located on the outer annular portion, and another electrically conductive segment extends across the bridge features and inner section. Upon rupture of the rupture disc, one of the bridge features carrying an electrically conductive segment severs thereby opening the circuit.

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- (22) 07/03/2012
- (21) 0417/2012
- (44) July 2014
- (45) 04/12/2014
- (11) 26899

(51)	Int. Cl. 8 A61f 13/49
(71)	1. UNICHARM CORPORATION (JAPAN) 2. 3.
(72)	 SAKAGUCHI, Satoru OKU, Tomomi MATSUSHIMA, Hideki
(73)	1. 2.
(30)	1. (JP) 2009-208695 – 09/09/2009 2. (PCT/JP2010/005527) – 09/09/2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) ABSORBENT ARTICLE USING HOOK-AND-LOOP FASTENER

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

The absorbent article comprising a hook-and-loop fastener that includes a male member which is provided to any one of the front waistline portion and the back waistline portion and which has an engagement surface formed of a group of a plurality of protrusions; and a female member which is formed of a fibrous material and is configured to engage with the male member. The female member includes a plurality of lines of fiber dense portions in which the fibrous material has a high basis weight, a plurality of lines of fiber sparse portions provided between the plurality of lines of fiber dense portions, the fibrous material in the fiber sparse portions having a basis weight lower than that in the fiber dense portions; and pressed portions intersecting the plurality of lines of fiber dense portions and the plurality of lines of fiber sparse portions. Further, since the rib portions 4 are pressed by the pressed portions 8 obtained by the embossing process, the rib portions 4 change shape from lines where the rib portions 4 intersect the pressed portions 8, and curve toward the peeling direction shown by arrow a to be a convex shape. Thereby, the impulsive peeling force can be further absorbed.

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Egyptian Patent Office



- (22) 11/09/2011
- (21) 1503/2011
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- (45) 04/12/2014
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(51)	Int. Cl. 8 C07C 29/151
(71)	1. METHANOL CASALE S.A (SWITZERLAND) 2. 3.
(72)	1. OSTUNI, Raffaele 2. PILIPPI, Ermanno 3.
(73)	1. 2.
(30)	1. (EP) 09155045,9 - 12/03/2009 2. (PCT/EP2010/052917) - 08/03/2010 3.
(74)	SAMAR AHMED EL LABBAD Patent

(54) A PROCESS FOR SYNTHESIS OF METHANOL

Patent Period Started From 08/03/2010 and Will end on 07/03/2030

(57) A process for synthesis of methanol, where make-up syngas is reacted in a synthesis loop obtaining crude methanol, and where a purge gas taken from said synthesis loop is heated to 200 - 500 °C by indirect heat exchange with a high-temperature heat source, the heated purge gas being expanded in a gas expander to recover energy.

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Egyptian Patent Office



- (22) 03/06/2012
- (21) 0986/2012
- (44) August 2014
- (45) 04/12/2014
- (11) 26901

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(71)	1. ARUMGAM, RAJENDRA BABU (INDIA) 2. CHETTIAR, KANNAPPAN (SINGAPORE) 3.
(72)	 ARUMGAM, Rajendra Babu CHETTIAR, Kannappan 3.
(73)	1. 2.
(30)	1. (IN) 2965/CHE/2009 – 02/12/2009 2. (PCT/IN2010/000780) – 02/12/2010 3.
(74)	MOSTAFA HOUSEN ELSHAFEY
(12)	Patent

(54) WIND BASED LOAD ISOLATED ELECTRICAL CHARGING SYSTEM

Patent Period Started From 02/12/2010 and Will end on 01/12/2030

(57) This invention relates to electrically operated vehicle with power supply system having wind based charging unit with load isolation. The power supply unit has one or more energy storage device with an inverter for supplying AC loads. Two such power supply units are used in an electric vehicle application for supplying the drive load. The power supply units when operated through an intermediate section and an output combiner, supplies to the load with complete isolation from the recharging unit of the system. Due to which, the energy storage devices serves for large distance range.

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- (22) 27/07/2010
- (21) 1262/2010
- (44) August 2014
- (45) 07/12/2014
- (11) 26902

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(71)	1. LALLEMAND, INC. (CANADA) 2. 3.
(72)	1. EIJK, Johannes van 2. CARON, Clifford 3. KRAUS, J., Kevin
(73)	1. 2.
(30)	1. (US) 61/023,968 – 28/01/2008 2. (US) 61/023,959 – 28/01/2008 3. (PCT/US2009/0032240) – 28/01/2009
(74)	WAGDY NABIH AZIZ
(12)	Patent

(54) A METHOD FOR EXTENDING MOLD-FREE SHELF LIFE AND IMPROVING FLAVOR CHARACTERISTICS OF BAKED GOODS

Patent Period Started From 28/01/2009 and Will end on 27/01/2029

(57) The present invention provides a novel method for extending mold-free shelf life and for improving the flavor of baked goods by applying live yeast on the surface of the baked good after baking and cooling before packaging the baked good in closed bags and storing the packaged baked goods at ambient temperature. This method can be used for all kinds of baked goods including breads, rolls, bagels, pizza crusts, wheat flour tortillas, croissants, cakes, muffins, donuts and pita breads. This method can also be used to produce baked goods containing live probiotic yeast (Saccharomyces cerevisiae var. boulardii).

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Egyptian Patent Office



- (22) 21/10/2012
- (21) 1792/2012
- (44) August 2014
- (45) 07/12/2014
- (11) 26903

(51)	Int. Cl. ⁸ C08G 73/04, 73/02 & C08L 79/02 & D06M 13/48
(71)	 UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC (UNITED STATES OF AMERICA) 3.
(72)	 LOCKLIN, Jason, J. 3.
(73)	1. 2.
(30)	1. (US) 61/327,774 – 26/04/2010 2. (PCT/US2011/033842) – 26/04/2011 3.
(74)	MAHMOUD RAGAII ELDEKY
(12)	Patent

(54) SYNTHESIS AND APPLICATION REACTIVE ANTIMICROBIAL COPOLYMERS FOR TEXTILE FIBERS

Patent Period Started From 26/04/2011 and Will end on 25/04/2031

(57) Embodiments of the present disclosure provide polymer compositions, methods of making polymer compositions, structures (e.g., textile articles) having the polymer composition covalently bonded to the structure, methods of attaching the polymer to the surface of the structure, methods of decreasing the amount of microorganisms formed on a structure, and the like.

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

SAMAR AHMED EL LABBAD

Patent

(12)



(22) | 10/10/2011 (21) | 1702/2011

(44) July 2014

(45) | 07/12/2014 (11) | 26904

(51)	Int. Cl. ⁸ A41B 9/02
(71)	1. BAEK, Gyeong – Su (KOREA) 2. 3.
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(54) FUNCTIONAL UNDERPANTS FOR MEN

Patent Period Started From 14/12/2009 and Will end on 13/12/2029

The present invention relates to functional underpants for men, in which a pocket for the penis and a pocket for the scrotum are formed separately from one another to improve air permeability and the sexual health of the wearer. For this purpose, the present invention provides functional underpants for men for improving air permeability and sexual health, wherein said functional underpants for men comprise, at a front surface thereof, a functional member and means thereof, wherein said functional member includes: a penis support member having a double structure consisting of an outer cloth and an inner cloth; a scrotum support member having a single structure and formed between the inner cloth and the outer cloth of the penis support member by means of sewing, a rear member connected, by means of sewing, to the lower end of the scrotum support member and to the left and right sides of the inner cloth at the front surface of the underpants; a first section comprising 1/3 of the entirety of the penis support member when divided into three parts along a horizontal axis, wherein said 1/3 section is sewn in a vertical direction so as to be narrower than a first curvature comprising the other 2/3 and having a predetermined curvature value; a second section connected to the first section and having the first curvature that has the predetermined curvature value for forming a parabola when the other 2/3 of the penis support member is folded in half, and which is connected to the top of the scrotum support member by means of sewing; and a third section connected to the second section and connected to the lower end of the scrotum support member and to the lower end of the rear member by means of sewing to form a second curvature having a curvature value that is slightly larger than that of the first curvature of the penis support member. When the thus-configured underpants are worn by a wearer, tension and contraction are produced at the same time by the first and second curvatures and first to third sections forming the penis support member, the scrotum support member, and the rear member, to thereby form a penis pocket and a scrotum pocket. The present invention has the penis pocket and the scrotum pocket which can perfectly separate the penis and scrotum of the wearer from one another, to thereby ensure air permeability to the penis and the scrotum, and to improve the sexual health of the wearer by enabling each part of the underpants to protect the scrotum of the wearer against gravity affecting the two testicles of the wearer which have different sizes. The underpants of the present invention do not use expensive materials or a band which might cause an unpleasant feeling to the wearer, to thereby reduce manufacturing processes and a great amount of manufacturing costs.

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(22) 03/07/2011

(21) 1143/2011 (44) | September 2014

(45) 07/12/2014

(11) 26905

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cademy of Scientific Research & Technology	
Egyptian Patent Office	ε

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(71)	1. YASSER MOHAMED RABIEY MADBOULY ABDEL NAEIM (EGYPT) 2. 3.
(72)	1. YASSER MOHAMED RABIEY MADBOULY ABDEL NAEIM 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)SUPPLEMENTAL WATER TREATMENT UNIT RESULTING FROM SEWAGE PLANTS

Patent Period Started From 03/07/2011 and Will end on 02/07/2031

This invention of supplementary water treatment unit resulting from sewage plants where produce water unfit for use and is dumping on the water bodies, leading to increased pollution. Supplementary unit is designed for water treatment plants could allow exploitation. This unit includes four stages of processing the first biochemical treatment using white cement and the second dealing with biochemical using iron wires and third purification using coke and carbon processing. Where are mortmain stations on its basin white cement stirring and then move to the first stage filtration with iron wires is done in three stages following three stages of filtration using coal and coke and then follows three stages of carbon.

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

Egyptian Patent Office



- (22) 30/11/2010
- (21) 2013/2010
- (44) **September 2014**
- (45) |08/12/2014
- (11) 26906

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(72)	1. TAMAGNINI, Paolo 2. 3.
(73)	1. 2.
(30)	1. (IT)VR2008A000065 - 10/06/2008 2. (PCT/EP2009/057005) - 08/06/2009 3.
(74) (12)	NADIA HAROUN, MAGDA HAROUN Patent

(54) COMPOSITION AND METHOD FOR DIRT-RESISTANT TREATMENT OF BANK NOTES AND/OR SECURITY PAPERS IN GENERAL

Patent Period Started From 08/06/2009 and Will end on 07/06/2029

(57) A composition and method for dirt-resistant treatment of bank notes and/or security paper in general, characterized in that it provides for deposition on the surface to be treated of a composition comprising a polycarbonate-based aliphatic polyurethane and a polyether-based aliphatic polyurethane.

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

Egyptian Patent Office



- (22) 26/11/2012
- (21) 1968/2012
- (44) August 2014
- (45) 08/12/2014
- (11) 26907

(51)	Int. Cl. ⁸ G06T 17/05
(71)	 LANDMARK GRAPHICS CORPORATION (UNITED STATES OF AMERICA) 3.
(72)	1. LIN, Ching-Rong 2. 3.
(73)	1. 2.
(30)	1. (PCT/US2010/036296) – 27/05/2010 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD AND SYSTEM OF RENDERING WELL LOG VALUES

Patent Period Started From 27/05/2010 and Will end on 26/05/2030

Rendering well log values. At least some of the illustrative embodiments are methods that involve: sending to a graphics processing unit (GPU) of a computer system vertices that define a panel, the sending by a main processor of the computer system, the main processor distinct from the GPU; sending a program to the GPU, the sending of the program by the main processor; sending a first set of well log values to the GPU, the sending of the first set of well log values by the main processor; executing the program by the GPU which program determines a first curve from the first set of well log values by the program executed by the GPU; and displaying on a display device of the computer system the first curve within the panel.

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Egyptian Patent Office



- (22) 22/02/2009
- (21) 0248/2009
- (44) July 2014
- (45) 10/12/2014
- (11) 26908

(51)	Int. Cl. ⁸ E02D 31/02
(71)	1. MOHAMED KORAYEM ALY KORAYEM (EGYPT) 2. 3.
(72)	1. MOHAMED KORAYEM ALY KORAYEM 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) WATERPROOFING –DRAINAGE SYSTEM

Patent Period Started From 22/02/2009 and Will end on 21/02/2029

- (57) This new system has a complete control of the leakage underground water that come from the defects generated in the waterproofing layers and leads it to pass away from the substructures elements.
 - This technique can be done by putting a highly qualified drainage layer called Geocomposite the can work in both directions horizontally and vertically to direct the leakage water for passing through the Geocomposite
 - Drainage layer and into drainage pipes which called Geopipe. The Geopipe is fixed inside the system around the perimeter of underground construction below the raft with an depth of.

These drainage pipes shall direct the collected leakage underground water into a small pit inside the raft its dimension.

Then after, water is pumped by a small electrical pump and flow to the public drainage net around the construction.

By this way we can complete control of the leakage underground water that come from the defects generated in the waterproofing layers and leads it to pass away from the substructures elements.

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

Egyptian Patent Office



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- (21) 0537/2010
- (44) | September 2014
- (45) |14/12/2014
- (11) 26909

(51)	Int. Cl. 8 C02F 1/14 & B01D 65/04, 61/36 & B01D 3/34, 5100
(71)	1. DESIGN TECLLNOLOCY AND INNOVATION LTD (UNITED KINGDOM) 2. 3.
(72)	1. TONKIN, Mark, Chritopher 2. 3.
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(30)	1. (GB) 0719390,7 - 04/10/2007 2. (PCT/GB2008/003356) - 03/10/2008 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) AN EVAPORATION DEVICE FOR USE IN PURIFYING WATER

Patent Period Started From 03/10/2008 and Will end on 02/10/2028

(57) An evaporation device for use in purifying water comprising a first tube, has an inner tube and an outer tube, The inner tube is made of a hydrophilic membrane wherein the gap contains means for creating turbulence in air flowing through the gap. The outer tube is preferably made of a material that readily absorbs solar radiation and is a good heat conductor. There is a gap between the inner tube and the outer tube for flow of air. The inner tube contains a flow of impure water. The hydrophilic membrane allows water to pass to the outside of the inner tube as vapour, but prevents impurities from passing through. Air flowing in the gap takes up the water vapour and humidified air exits the evaporation device. This humidified air is subsequently cooled to collect the vapour and provide purified water by using a condenser.

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

Egyptian Patent Office



- (22) 02/10/2011
- (21) 1651/2011
- (44) **September 2014**
- (45) 14/12/2014
- (11) 26910

(51)	Int. Cl. 8 C08L 95/00 & C04B 20/10, 26/20	6
(71)	 LAFARGE (FRANCE) 3. 	
(72)	 BROCAS, Stéphane ECH, Mohsen RICHARD, Nicolas 	4. VILLARD, Emmanuel 5. BAAJ, Hassan 6. TOUBEAU, Philippe
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(30)	1. (FR) 0901625 - 03/04/2009 2. (PCT/FR2010/050630) - 01/04/2010 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) METHOD FOR PREPARING A HYDROCARBON COMPOSITION

Patent Period Started From 01/04/2010 and Will end on 31/03/2030

(57) The present invention relates to a method for preparing a hydrocarbon composition including the following steps: (i) producing a mixture of granulates with a maximum diameter of less than or equal to 30mm and in a quantity of less than or equal to 0.8g per square meter of specific surface developed by the granulates of at least one liquid cationic polymer laden with cations at a density greater than or equal to 0.5 meq/g and an intrinsic viscosity of 0.01 to 0.8 dl/g; and (ii) contacting the mixture produced in step (i) with at least one hydrocarbon binder. A hydrocarbon composition including at least one specific cationic polymer and the use of at least one specific cationic polymer for the surface treatment of granulates for preparing a hydrocarbon composition are the other two aims of the present invention.

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

Egyptian Patent Office



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- (21) 0306/2012
- (44) August 2014
- (45) 15/12/2014
- (11) 26911

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(72)	 OHTSUKA, Masaki, SHIRAICHI, Yukishige 3.
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(74)	GEORGE AZIZ Patent

(54) CENTRIFUGAL FAN, MOLDING DIE, AND FLUID FEEDER

Patent Period Started From 07/09/2010 and Will end on 06/09/2030

(57) A centrifugal fan includes a plurality of fan blades provided to be circumferentially spaced apart from each other. The fan blade has a front edge portion to which air flows in and a rear edge portion from which air flows out. The fan blade has a blade surface extending between the front edge portion and the rear edge portion. The blade surface includes a pressure surface arranged on the rotation direction side of the centrifugal fan and a suction surface arranged on the back side of the pressure surface. When cut along the plane orthogonal to the rotation axis of the centrifugal fan, the fan blade has such a blade cross-sectional shape that a concave portion and a concave portion are formed at the pressure surface and the suction surface, respectively. With such a configuration, it is possible to provide a centrifugal fan having an excellent blowing capacity, a molding die for use in production of the centrifugal fan, and a fluid feeder provided with the centrifugal fan.

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(22) 08/10/2009

(21) 1480/2009

(44) July 2014

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	2. SUMITOMO METAL INDUSTRIES, LTD. (JAPAN)
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(72)	1. PINEL, Eliette
	2. GARD, Eric
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(74)	SMAS INTELLECTUAL PROPERTY
(12)	Patent

(54) LUBRICATION COMPOSITION WITH ADAPTABLE FRICTION COEFFICIENT FOR THE THREADED MEMBER OF A COMPONENT OF A TUBULAR THREADED SEAL

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

(57) The invention relates to an adhesive thin lubrication composition for covering at least one thread and a screwing abutment of the threaded member of a component of a tubular threaded seal. The screwing abutment bears against another abutment of another component of the tubular threaded seal in the terminal screwing phase. The lubrication composition includes a matrix having dispersed therein at least one braking additive selected in order to impart thereto, and on top of the lubrication, a friction coefficient selected so as to obtain a torque on abutment value at least equal to a threshold value.

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Egyptian Patent Office



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(71)	1. PRAYON TECHNOLOGIES (BELGIUM) 2. 3.
(72)	 HOXHA, Antoine FATI, Dorina Week to the second second
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(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD FOR PRODUCING PHOSPHORIC ACID

Patent Period Started From 02/12/2010 and Will end on 01/12/2030

(57) The invention relates to a method for producing phosphoric acid, including: attacking phosphate rock by means of sulfuric acid between 70° and 90° C with formation of a first calcium sulfate dihydrate crystal slurry, the aqueous acid phase of said slurry having free P₂O₅ content between 38 and 50 wt% and free SO₃ content that is less than 0.5 wt% and greater than 0.05 wt%; converting said first slurry by means of heating at a temperature greater than 90° C, thus giving rise to a second slurry formed of calcium sulfate hemihydrate crystals; and, within the second slurry, separating a produced phosphoric acid, having a free SO₃ content that is less than 2%, and a calcium sulfate hemihydrate filter cake.

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Egyptian Patent Office



- (22) 22/01/2012
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(72)	1. PAYNE, Michael, L. 2. 3.
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(74)	ABDELHADI FOR INTELLECTUAL PROPERTY
(12)	Patent

(54) OFFSHORE DRILLING SYSTEM

Patent Period Started From 12/07/2010 and Will end on 11/07/2030

(57) According to one or more aspects of the invention, a method for drilling an offshore wellbore into a seabed from a platform positioned proximate to the water surface comprises making-up a first tubular string with a first conveyance assembly and running the first tubular string into the wellbore with the first conveyance assembly, wherein the first tubular string enters the wellbore from the water column at an entry position proximate to the seabed; performing a wellbore task with the first tubular string; while the wellbore task is being performed with the first tubular string, making-up a second tubular string in the water column from a second conveyance assembly; withdrawing the first tubular string from the wellbore with the first conveyance assembly once the wellbore task is completed; and running the second tubular string with the second conveyance assembly into the wellbore at the entry point from the water column.

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Egyptian Patent Office



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(12)	Patent

(54) POSITIONING INSTALLATION FOR ANCHORAGES IN THE PREFABRICATION OF PANELS OF REINFORCED CEMENT MORTAR

Patent Period Started From 26/01/2010 and Will end on 25/01/2030

(57) Positioning installation for anchorages for the prefabrication of panels of reinforced cement mortar which includes a prestressed biaxial reinforcement. The panel has versatile operating means affixed to the mass of cement mortar, without projecting from any of the faces thereof, for the handling and/or affixing of said panel to the building construction. Means comprise, on the one hand, retention means in the set mass of the cement and anchorage means of the panel. The installation has a fixed base structure to support stable elastic seating arrangements which receive means and, on the other hand, mobile frames comprising clamping arrangements of the means. Mobile frames have the purpose of removal of the means from the stable elastic seating arrangements.

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Egyptian Patent Office



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(74)	ABDELHADI FOR INTELLECTUAL PROPERTY
(12)	Patent

(54) SIMULTANEOUS JOINT INVERSION OF SURFACE WAVE AND REFRACTION DATA

Patent Period Started From 06/12/2010 and Will end on 05/12/2030

(57) A technique includes a method and apparatus for simultaneous joint inversion of surface wave and refraction data to identify near surface geophysical and geological properties.

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Egyptian Patent Office



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- (21) 1769/2011
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- (11) 26917

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(74)	ABDELHADI FOR INTELLECTUAL PROPERTY
(12)	Patent

(54) SAFENING PENOXSULAM HERBICIDE INJURY IN WATER-SEEDED, DIRECT-SEEDED AND TRANSPLANTED PADDY RICE Patent Period Started From 26/04/2010 and Will end on 25/04/2030

(57) Clomazone safens rice from the slight amounts of damage caused by penoxsulam at concentrations required to adequately control undesirable vegetation.

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



(22) 15/09/2011

(21) 1539/2011

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(72)	1. FURUMAKI, Masayuki 2. YOSHIDA, Takeshi 3. YAMAZAKI, Kazuhiko
(73)	1. SHAR KABUSHIKI KAISHA (JAPAN) 2.
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(74) (12)	SAMAR AHMED EL LABBAD UTILITY MODEL

(54) DRAINAGE STRUCTURE OF CORRUGATED FIN-TYPE HEAT EXCHANGER

Patent Period Started From 08/03/2010 and Will end on 07/03/2017

(57) Even if a heat exchange tube is horizontally disposed, condensed water (dew condensation water) attached to the surface of the heat exchange tube can be satisfactorily drained, and the adverse effect on an airflow resistance and a heat-exchange efficiency can be suppressed. Provided is a corrugated fin-type heat exchanger wherein a plurality of flat heat exchange tubes parallel with one another are horizontally disposed between a pair of opposed header pipes; corrugated fins are provided between and bonded to the heat exchange tubes. A plurality of water passages are formed on the outer surfaces of the end portions of the heat exchange tubes in the width direction thereof, and are spaced at an appropriate pitch in the longitudinal direction of each heat exchange tube. The water passages induce the water accumulated between the respective heat exchange tubes and the corrugated fins adjacent to the respective heat exchange tubes in the upward and downward directions of the respective heat exchange tubes.

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(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A SAFETY SELF DESTRUCTION DISPOSABLE SYRINGE Patent Period Started From 28/03/2005 and Will end on 27/03/2025

(57) A self destruction disposable syringe is comprised of a hollow barrel, a piston rod mounted in the barrel, and a piston mounted at the front end of the piston rod. A hub is installed at the front end of the barrel, and the hub consists of a conical hub and a supported pedestal which can be separated from each other. A luer cone is provided on the conical hub, and a plurality of 'o' rubber rings are mounted between the periphery of the conical hub and the barrel. A stop slot is provided on the inner wall at the front end of the barrel to match the hub. A conical embossment is provided at the front end of the piston rod, and a barb is at the middle part of the conical embossment.

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

Egyptian Patent Office



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(74) (12)	SMES FOR INTELLECTUAL PROPERTY Patent

(54) TIMBER SUPPORT FOR THE CONSTRUCTION INDUSTRY

Patent Period Started From 23/11/2009 and Will end on 22/11/2009

(57) Disclosed is a timber support for the construction industry, comprising a top girder and a bottom girder which are interconnected using a joining element. A protective cap that surrounds the end of the girder is provided for the end of the girders. Said protective cap for the end of the girders has at least one fastening bracket which partially covers a side of the joining element, and said fastening bracket for attaching the protective cap for the end of the girders is fixed to the side of the joining element with the help of fastening means.

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- (21) 0778/2008
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(71)	 ETTLIN, Eduardo, Walter (ARGENTINE) BOCCIO, José, Rubén (ARGENTINE) DE PAOLI, Adrián, Tomás (ARGENTINE) HAGER, Edgardo, Adrián (ARGENTINE) DE PAOLI, Pablo, Adrián (ARGENTINE) 	
(72)	 ETTLIN, Eduardo, Walter BOCCIO, José, Rubén DE PAOLI, Adrián, Tomás 	4. HAGER, Edgardo, Adrián 5. DE PAOLI, Pablo, Adrián
(73)	1. 2.	
(30)	1. (AR) P 20050104763 – 11/11/2005 2. (PCT/IB2006/003840) – 13/10/2006 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) SALTS OF MINERAL NUTRIENTS STABILIZED WITH AMINO ACIDS AND/OR AMMONIUM SALTS, PRODUCTS AND FOOD SUPPLEMENTS THAT CONTAIN THEM AND METHODS FOR OBTAINING SAME

Patent Period Started From 13/10/2006 and Will end on 12/10/2026

(57) Salts of mineral nutrients stabilized with amino acids and/or ammonium salt, product and food supplement in which they are included and procedures of obtention, where the salts are obtained with anions of organic acids or inorganic anions and metallic cations associated with amino acids and/or ammonium salt, in which the invention introduces its general structure: { [Ac]n- • Men+ ← n [Amino acid and/ or ammonium salt] } • x H2O Where ← represents a covalent dative bond, These new compounds have better taste and more solubility in water, making them more bioavailable.

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



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- (21) PCT/NA2007/000222
- (44) June 2014
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(71)	 WYETH RESEARCH IRELAND LIMITED (3. 	IRELAND)
(72)	1. DRAPEAU, Denis	4. WANG, Wenge
(, -)	2. LUAN, Yen-Tuang	5. LASKO, Daniel
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(74)	ABD HADI FOR INTELLECTUAL PROPERTY	
(12)	Patent	

(54) SALTS OF MINERAL NUTRIENTS STABILIZED WITH AMINO ACIDS AND/OR AMMONIUM SALTS, PRODUCTS AND FOOD SUPPLEMENTS THAT CONTAIN THEM AND METHODS FOR OBTAINING

Patent Period Started From 26/08/2005 and Will end on 25/08/2025

An improved system for large scale production of a dimeric fusion protein consisting of the extracellular ligangioning portion of the human tumor necrosis factor receptor linked to the fc portion of lggl in cell culture, particularly in media characterized by one or more of I a cumulative amino acid concentration greater than about a molar cumulative glutamine to cumulative asparagine ratio of less than about a molar cumulative glutamine to cumulative total amino acid ratio of less than about a molar cumulative inorganic ion to cumulative total amino acid ratio between about a combined cumulative glutamine and cumulative asparagine concentration between about is provided. The use of such a system allows high levels of protein production and lessens accumulation of certain undesirable factors such as ammonium and/or lactate. Additionally, culture methods including a temperature shift, typically including a decrease in temperature when the culture has reached about of it maximal cell density, are provided. Alternatively or additionally, present invention provides methods such that, after reaching a peak, lactate and/or ammonium levels in the culture decrease over time.

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

Egyptian Patent Office



- (22) 08/02/2009
- (21) 0177/2009
- (44) July 2014
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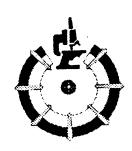
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(73)	1. 2.
(30)	1. (GB) 0615675,6 -08/08/2006 2. (PCT/GB2007/003007) - 08/08/2007 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A ROTATABLE BUILDING STRUCTURE THAT COMPRISES A BEARING MATERIAL

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

(57) A rotatable building structure that comprises: a vertically extending building having one or more floors; a fixed core support for supporting the building, located substantially centrally beneath the building; a rotatable annular drive system for rotating the building, located lower than the building and with its centre substantially aligned with the vertical centreline of the building, the system having an upper surface and a planar lower surface; and a fixed outer support, located beneath the annular drive system, the support having a planar upper surface that contacts the planar lower surface of the annular drive system; wherein at least one of the lower surface of the annular drive system and the upper surface of the fixed outer support is a bearing material, permitting rotation of the annular drive system over the fixed outer support, such that the annular drive system is rotated via a planar to planar bearing system.

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(PATENT No. 26955)	(33)
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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

Mr. Adel El- Saeid Oweide

Bibliographic data

Bibliographic data	symbol
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Patent Kind	12
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Filing Date	22
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Priority Date	30
Priority Country	
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Inventor Name	72
Patentee Name	73
Patent Attorney Name	74

List of Codes of Countries and Regional Organisations Administered by the World Intellectual Property Organisation

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ВΙ	Burundi
BJ	Benin
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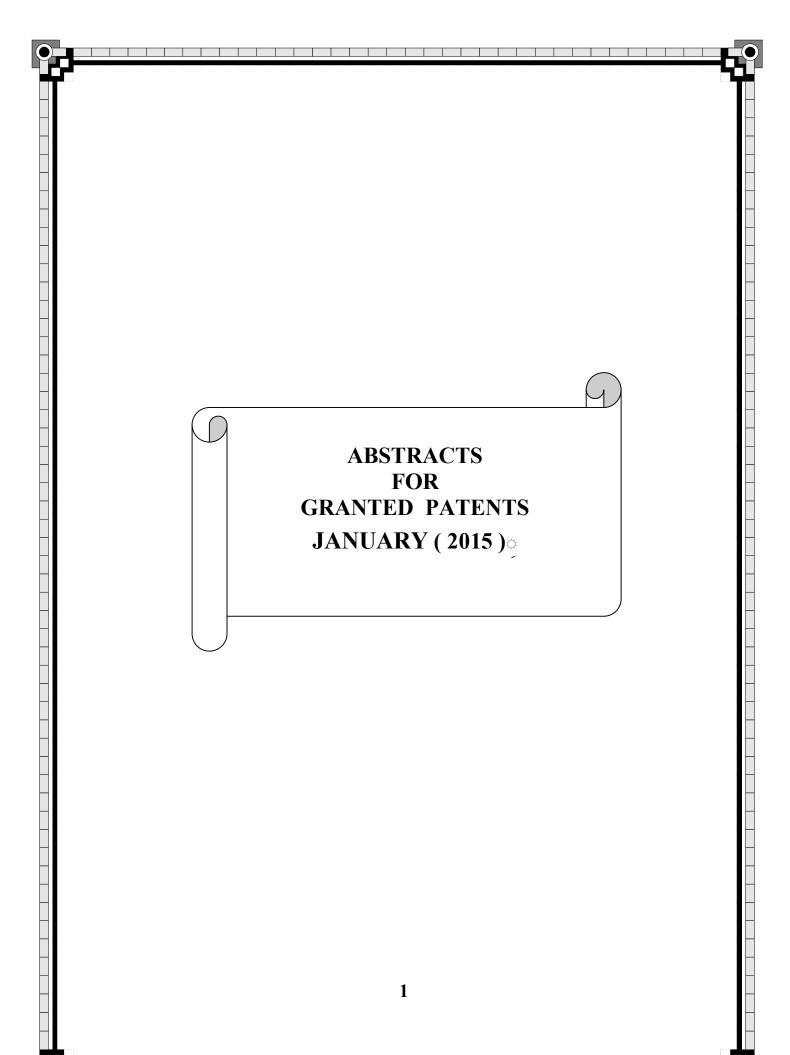
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SO	Somalia
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ST	Saotome and Principe
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TJ	Tajikistan
TH	Thailand
TM	Turkmenistan
TN	Tunisia
TR	Turkey
TT	Trindad and Topago
TW	Taiwan
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UA	Ukraine
UG	Uganda
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

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



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





- (22) 26/09/2011
- (21) 1613/2011
- (44) October 2014
- (45) 04/01/2015
- (11) 26924

(51)	Int. Cl. 8 A21 C11/00, 3/02 & A23 G3/02
(71)	1. AMR AHMED MOHAMED SALMAN (EGYPT) 2. 3.
(72)	1. AMR AHMED MOHAMED SALMAN 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) A MACHINE FOR MAKING KATAIEF

Patent Period Started From 26/09/2011 and Will end on 25/09/2031

(57) The present invention relates to a machine for making kataief. It Consists of a motor generating a motion and a chassis in which there is a belt made of iron and a box for packing paste and a knife for drawing Katayf as well as flanges in different sizes. In addition, there are also shafts mounted on the flanges, chains and v rings which are open. There are also flames and a cover beneath the tractor. There is also a cover on both sides of the tractor.

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

Egyptian Patent Office



- (22) 20/10/2010
- (21) 1767/2010
- (44) August 2014
- (45) 05/01/2015
- (11) 26925

(51)	Int. Cl. ⁸ B60L 15/00
(71)	1. MOHAMED ABD ELHADY ABD ELMALEK AQL (EGYPT) 2.
	3.
(72)	1. MOHAMED ABD ELHADY ABD ELMALEK AQL
. ,	2.
l	3.
(73)	1.
,	2.
(30)	1.
	2.
	3.
(74)	
(12)	Patent

(54) ELECTROMAGNETIC CAR (MAGNIC CAR)

Patent Period Started From 20/10/2010 and Will end on 19/10/2030

(57) This invention relates to a car powered by a new idea of using electrical which directly to generate a magnetic field is used to move the ball, which will be an alternative to the wheel directly without the presence of Conventional engines and a series of movement, which has caused enormous energy loss There are so-called dome, which will be controlled directions of movement of the ball and draw energy from the dome area Electromagnetic output of the magnet And will control the trends manually by a joystick Which will connect to the wheel cylinders which move in charge For movement of the ball and change the movement also.

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





- (22) 21/06/2011
- (21) 1061/2011
- (44) August 2014
- (45) 06/01/2015
- (11) 26926

(51)	Int. Cl. 8 C08L 95/00 & C07F 7/12
(71)	1. RANKA, Seema Ajay (INDIA)
	2.
	3.
(72)	1. RANKA, Ajay
(-)	2. MEHTA, Prakash
	3.
(=2)	1
(73)	
	2.
(30)	1. (IN) MUM/2008/2657 – 22/12/2008
(00)	2. (PCT/IN2009/000712) - 09/12/2009
	3.
(7.4)	SAMAR AHMED EL LABBAD
(74)	SAMAR AHMED EL LADDAD
(12)	Patent

(54) ASPHALT-MINERAL COMPOSITIONS

Patent Period Started From 09/12/2009 and Will end on 08/12/2029

The present invention is related to asphalt and asphalt-mineral compositions including at least one cationic organosilicon compound selected from a group consisting of: Y₃-aSi(R1a)R2N+R3R4R5X-, Y₃aSi(R1a)R2P+R3R4R5X-, Y3-aSi(R1a)R2ZX-; or mixtures wherein in each formula Y is independently selected from a group (CH₃OCH₂CH₂O), consisting of OR, O(CH₂CH₂O)_nH, (CH₃CH₂OCH₂CH₂O); a has a value selected from 0, 1 or 2; n is a value from 1 to 10; R is C1-C4 alkyl; R1 is either methyl or ethyl; R2 is C1-C4 alkylene group; R3, R4 and R5 are each independently selected from a group consisting of C1-C22 alkyl wherein at least one such group has more than 8 C-atoms, -CH₂C₆H₅, -CH₂CH₂OH, -CH₂OH (CH₂)yNHC(O)R6 wherein y has a value of from 2 to 10 and R6 is a C1-C12 perfluoroalkyl radical; X is chloride, bromide, fluoride, iodide, acetate or tosylate; and Z is pyridinium ring of formula C₅H₅N.

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Egyptian Patent Office



- (22) 06/02/2011
- (21) 0185/2011
- (44) August 2014
- (45) 06/01/2015
- (11) 26927

(51)	Int. Cl. 8 B01J 23/00, 37/12 & C07C 51/215, 253/24	
(71)	1. INEOS USA LLC (UNITED STATES OF AMERICA) 2. 3.	
(72)	 BESECKER, Charles, J. SUTRADHAR, Bhagya, Chandra TOFT, Mark, A. BRAZDIL, James, F. 	5. HADDAD, Muin, S.6. PARARIZOS, Christos7. SEELY, Michael, J.
(73)	1. 2.	
(30)	1. (US) 61/137,716 - 01/08/2008 2. (PCT/US2009/004355) - 28//07/2009 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) METHOD OF MAKING MIXED METAL OXIDE CATALYSTS FOR AMMOXIDATION AND/OR OXIDATION OF LOWER ALKANE HYDROCARBONS

Patent Period Started From 28/07/2009 and Will end on 27/07/2029

(57) The present invention comprises a method for preparing a mixed oxide catalyst for use in producing acrylonitrile or methacrylonitrile from propane or isobutane by ammoxidation in a gaseous phase via methods of contacting any one of the antimony compound, the molybdenum compound, and the vanadium compound with hydrogen peroxide prior to combining with source compounds for the remaining elements in the catalyst.

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



- (22) 22/10/2006
- (21) |PCT/NA2006/001011
- (44) | September 2014
- (45) 06/01/2015
- (11) 26928

(51)	Int. Cl. ⁸ B01J 27/053, 23/26, 21/04 & C08F 4/24, 110/02		
(71)	1. CHEVRON PHILLIPS CHEMICAL COMPANY, LP (UNITED STATES OF AMERICA)		LP (UNITED STATES OF AMERICA)
,	2.		
	3.		
(72)	1. MCDANIEL, Max, P	4.	DESLAURIERS PAUL J
()	2. COLLINS, Kathy S		
	3. BENHAM, Elizabeth		
(73)	1.		
(10)	2.		
(30)	1. (US) 10/829,844- 22/04/2004		
(0,0)	2. (US) 10/829,850 – 22/04/2004		
	3. (PCT/US2005/009668) – 24/03/2005		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

(54) METHODS OF PREPARING ACTIVE CHROMIUM/ALUMINA CATALYSTS VIA TREATMENT WITH SULFATE AND POLYMERS PRODUCED USING THE CHROMIUM/ALUMINA CATALYSTS

Patent Period Started From 24/03/2005 and Will end on 23/03/2025

(57) Methods of preparing a polymerization catalyst are provided that include contacting a support comprising alumina with a sulfating agent and with chromium. The support can be calcined after loading the sulfating agent and the chromium on the support. Alternatively, the sulfating agent can be loaded on the support while calcining it. Alternatively, the support can be calcined after contacting it with the sulfating agent and before contacting it with an organochromium compound. Catalysts compositions comprising chromium and a sulfate treated alumina support that were formed by the foregoing method are provided. The catalyst compositions have increased catalyst activity. Methods of producing a polymer include contacting at least one olefin with the catalyst compositions are provided. The polymer compositions exhibit relatively low levels of long chain branching and relatively high molecular weights.

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

Egyptian Patent Office



- (22) |14/02/2010
- (21) 0249/2010
- (44) August 2014
- (45) 06/01/2015
- (11) 26929

(51)	Int. Cl. ⁸ B65D 41/00
(71)	 CLOSURE SYSTEMS INTERNATIONAL, INC (UNITED STATES OF AMERICA) 3.
(72)	1. SURIOL, Jordi, Liuch 2. 3.
(73)	1. 2.
(30)	1. (US) 11/891,907 – 14/08/2007 2. (PCT/US2008/009376) – 04/08/2008 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) THREADED CLOSURE WITH INTERNAL RIBS

Patent Period Started From 04/08/2008 and Will end on 03/08/2028

An internally threaded plastic closure in accordance with the present invention includes an array of axially extending, circumferentially spaced internal ribs which intersect the internal thread formation of the closure. By this arrangement, vent passages are defined between adjacent ones of the internal ribs, thus providing the closure with desirable gas venting characteristics, while avoiding the provision of vent grooves extending into the inside surface of the closure side wall, which can undesirably impair the strength of the side wall. By the present construction, the amount of polymeric material from which the closure is formed can be reduced. while maintaining the desired dimensional desirably characteristics of the closure, to facilitate use with existing containers and high-speed capping equipment.

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(22) 04/03/2012

(21) 0384/2012

(44) October 2014

(45) 06/01/2015

(11) 26930

(51)	Int. Cl. 8 F16C 5/00, 5/06
(71)	1. ADEL SHABBAN ALI SHABAN (EGYPT) 2. 3.
(72)	1. ADEL SHABBAN ALI SHABAN 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

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THE MODERN GAS REGULATOR WHICH IS USED FOR KINDS GASES, AIR AND OXYGEN

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

(57) The present invention relates to unique desing of regulators used with all kinds of gases and air such regulators are used in many types of welding processes and can be used in hospitals and artificial breathing processes through oxygen cylinders in addition to many other fields. These regulators are operated by to a modern mechanical movement with two positions (opening and closing). They contain no screws, welding nails, connecting parts, nor strainers. They work at all kinds of pressures and bear temperatures ranging from 70 to 900.C. the pressure should be set only once during the regulator's lifetime that randes from 15 to 20 years, it allows one-way gas passage (safety valve) with 100% security precent.

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- (22) 09/11/2009
- (21) 1601/2009
- (44) August 2014
- (45) 08/01/2015
- (11) 26931

(51)	Int. Cl. ⁸ H04Q 9/00	
(71)	1. REFRACTORY INTELLECTUAL PROPERTY GMBH & CO.KG (AUSTRIA) 2. 3.	
(72)	 PISCHEK, Stefan PIRKER, Stefan ERLACHER, Artur 	4. FACHBERGER, Rene 5. RESSMANN, Michael
(73)	1. 2.	
(30)	1. (DE) 10 2007 021172.6 - 05/05/2007 2. (PCT/EP2008/002905) - 12/04/2008 3.	
(74)	HOHMED MOHMED BAKER	
(12)	Patent	

(54) STRUCTURAL COMPONENT BASED ON A CERAMIC MATERIAL

Patent Period Started From 12/04/2008 and Will end on 11/04/2028

(57) The invention relates to a component based on a ceramic material that is stable to the greatest possible extent at elevated temperatures, especially temperatures exceeding $800C_0$ (i.e. the component can achieve the intended purpose thereof at said temperature.

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

Egyptian Patent Office



- (22) 28/07/2010
- (21) 1265/2010
- (44) August 2014
- (45) 08/01/2015
- (11) 26932

Int. Cl. ⁸ A61F 5/41
1. MOHAMD ABD EL-FATTAH MORSY (EGYPT) 2. 3.
1. MOHAMD ABD EL-FATTAH MORSY 2. 3.
1. 2.
1. 2. 3.
UITILITY MODEL

(54) SUPPORT FOR PENIS ERECTION

Patent Period Started From 28/07/2010 and Will end on 27/07/2017

(57) The support for Penis Erection The support is a hollow tube that embraces the impotent penis body in a way that the upper part of penis (glans) is fully supported by the tube while the lower part of the supporting tube is directly mounted on the pubic area. In this way the supporting tube provides a convenient way for sexual intercourse that may be extended even after the male ejaculation and accordingly the erection is ended only by taking off the Erection Support. Here, the Support for Penis Erection is fabricated from the elastic material, the poly vinyl chloride (P.V.C.) polymer with dimensions that fit to the penis.

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

Egyptian Patent Office



- (22) 21/10/2012
- (21) 1786/2012
- (44) **September 2014**
- (45) 11/01/2015
- (11) 26933

(51)	Int. Cl. ⁸ B01F 15/00, 7/16, 7/22 & A01C 3/02 & C02F 11/04 & C12M 1/107
(71)	1. XYLEM IP HOLDINGS LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	 SELENIUS, Per 3.
(73)	1. 2.
(30)	1. (SE) 1050408-2 - 26/04/2010 2. (PCT/SE2011/050334) - 24/03/2011 3.
(74)	SOHEER MICHEAL REZK
(12)	Patent

(54) LEAD THROUGH FOR DIGESTION TANK

Patent Period Started From 24/03/2011 and Will end on 23/03/2031

The invention relates to a lead through for fluid tight connection of a mixer assembly to a roof of a fluid housing digestion tank, comprising a first element, which presents a central opening and an axially extending centre axis, and a second element, which presents a central opening and an axially extending centre axis, the extension of the centre axis of the second element being adjustable in relation to the extension of the centre axis of the first element. According to the invention the lead through comprises a means for making an interface fluid tight located at the interface between the first element and the second element, at least three positioning members being arranged to determine the mutual positions of the first element and the second element in the axial direction, at least two of said positioning members being constituted by mutually independent adjustment members, which in relation to said fluid housing tank are located on the opposite side of said means for making an interface fluid tight.

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

Egyptian Patent Office



- (22) 29/05/2011
- (21) 0854/2011
- (44) | September 2014
- (45) 11/01/2015
- (11) 26934

(51)	Int. Cl. 8 C05C 9/00 & B01D 53/58 & C05G 3/00	
(71)	1. UHDE FERTILIZER TECHNOLOGY B.V. (NETHERLANDS) 2. 3.	
(72)	 NIEHUES, Paul FRANZRAHE, Harald POTTHOFF, Matthias 	4. MONSTREY, Roland
(73)	1. 2.	
(30)	1. (EP) 08020708.7 - 28/11/2008 2. (PCT/EP2009/007953) - 06/11/2009 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) UREA GRANULATION PROCESS WITH AN ACIDIC SCRUBBING SYSTEM AND THE SUBSEQUENT INTEGRATION OF AMMONIUM SALT INTO UREA GRANULES

Patent Period Started From 06/11/2009 and Will end on 05/11/2029

Urea granulation process with scrubbing system including several waste streams for removal of dust and ammonia from the off-gas of a urea granulation unit comprising a urea granulator, a granulator scrubber dust stage, a granulator scrubber acid stage product coolers, a product cooler scrubber dust stage, an evaporation unit, and a condenser unit. Thereby a first stream of fresh air, running through a first sequence of process steps, is send into the urea granulator, whereby dust- and ammonia-laden air is drawn off from the granulator and conveyed into a granulator scrubber dust stage, followed by a granulator scrubber acid stage, in which stage the ammonia-laden air is contacted with an acid in liquid phase and ammonia is scrubbed from that air by the generation of an ammonium salt. A second stream of fresh air, running through a second sequence of process steps, is used for cooling the product drawn off from the urea granulator, whereby said cooling is performed in product coolers, thereby said air is heated up, and afterwards is conveyed to a product cooler scrubber dust stage. The clean off-gas drawn off from the granulator scrubber acid stage, and the clean off-gas drawn off from the product cooler scrubber dust stage, are released into the atmosphere. Hereby the scrubbing system is passed, which in itself is a complete closed system, and totally decoupled from urea synthesis, whereby the ammonium salt solution stream from the granulator scrubber acid stage, is fed into said product cooler scrubber dust stage, whereby the ammonia of the dust-laden air stream exiting the product coolers is removed, and the released liquor from the product cooler scrubber dust stage and the released liquor from the granulator scrubber dust stage is send to the evaporation unit. The vapour stream from the evaporation unit, which contains ammonia, is given into the condenser unilt. Which releases a liquid process condensate, and said liquid process condensate is given into he granulator scrubber acid stage, and the concentrated liquor stream from the evaporation unit, containing urea and ammonium salt, and a urea melt from a synthesis unit are conveyed into the urea granulator, separately. Thereby the ammonium salt contained in the concentrated liquor stream is integrated into the granulated urea product.

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Egyptian Patent Office



- (22) 20/11/2007
- (21) PCT/NA2007001265
- (44) August 2014
- (45) 11/01/2015
- (11) 26935

(51)	Int. Cl. 8 B03C 7/00
(71)	1. OMYA GMBH (AUSTRIA) 2. 3.
(72)	 MANGELBERGER, THOMAS TAVAKKOLI, BAHMAN .
(73)	1. 2.
(30)	1. (DE) 10 2005 023950.1 – 20/05/2005 2. (PCT/EP2006/062425) – 18/05/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD AND DEVICE FOR MANUFACTURING DISPERSED MINERAL PRODUCTS

Patent Period Started From 18/05/2006 and Will end on 17/05/2026

(57) The invention relates to a method for manufacturing dispersed mineral products by grinding the mineral raw material, sizing the same in a flow classifier, sorting the same in dispersion in air, and eliminating the dispersion air. Also disclosed are devices and installations for carrying out said method.

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



(22) 03/04/2012

(21) 0613/2012

(44) October 2014

(45) 12/01/2015

(11) 26936

(51)	Int. Cl. ⁸ C01D 7/10, 7/24, 7/126	
(71)	1. SOLVAY SA. (BELGIUM) 2. 3.	
(72)	 WALRAVENS, Hugo Meise ALLEN, Kurt CHAU, Thoi-dai 	4. VANDENDOREN, Alain
(73)	1. 2.	
(30)	1. (US) 61/578160 – 20/12/2011 2. 3.	
(74)	WAGDY N. AZIZ	
(12)	Patent	

(54) PROCESS FOR PRODUCING SODIUM BICARBONATE Patent Period Started From 03/04/2012 and Will end on 02/04/2032

(57) A process for producing sodium bicarbonate from a sodium carbonate bearing stream (A), a part of which is generated by a sodium carbonate crystallizer, said sodium carbonate bearing stream (A) comprising at least 2% sodium chloride and/or sodium sulfate by weight, which comprises the following steps: a) mixing the stream (A) with at least a part of a stream (B) to produce a stream (C), b) bicarbonate the stream (C) with a gas (D) comprising CO₂ to produce an aqueous suspension (E) comprising crystals (F) said crystals (F) comprising sodium bicarbonate crystals, c) separating the aqueous suspension (E) in order to obtain crystals (F) comprising sodium bicarbonate crystals on the one hand and an aqueous mother liquor (G) on the other hand, d) partly Debi carbonating the aqueous mother liquor (G) and removing part of the water to obtain the stream (B) and an optional gas (H), e) recycling at least part of the stream (B) to step a), f) removing the remainder of the stream (B) or part of the aqueous mother liquor (G) to be further processed.

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



(22) |03/04/2012

(21) 0614/2012

(44) October 2014

(45) 12/01/2015

(11) 26937

(51)	Int. Cl. ⁸ C01D 7/10, 7/24, 7/126	
(71)	1. SOLVAY SA. (BELGIUM) 2. 3.	
(72)	 WALRAVENS, Hugo ALLEN, Kurt CHAU, Thoi-dai 	4. VANDENDOREN, Alain
(73)	1. 2.	
(30)	1. (US) 61/578162 – 20/12/2011 2. 3.	
(74)	WAGDY N. AZIZ	
(12)	Patent	

(54) PROCESS FOR PRODUCING SODIUM BICARBONATE Patent Period Started From 03/04/2012 and Will end on 02/04/2032

A process for producing sodium bicarbonate from a sodium carbonate bearing stream (A) comprising sodium carbonate and at least one impurity consisting of an alkaline metal water-soluble salt at a concentration Ci(A), which comprises the following steps: a) mixing the sodium carbonate bearing stream (A) with at least part of a stream (B) to produce a stream (C), b) bicarbonating the stream (C) with a gas (D) comprising CO2 to produce an aqueous suspension (E) comprising crystals (F) comprising sodium bicarbonate crystals, c) separating the aqueous suspension (E) in order to obtain crystals (F) comprising sodium bicarbonate crystals on the one hand and an aqueous mother liquor (G) on the other hand, d) partly debicarbonating at least part of the aqueous mother liquor (G) and removing part of the water of the at least part of the mother liquor (G) to obtain the stream (B) with an at least one impurity of water soluble salt of alkaline metal at a concentration C_f(B) and an optional gas (H), e) recycling at least a part of the stream (B) to step a) so that the ratio of the concentrations $C_f(B)/C_i(A)$ of the at least one impurity of water soluble salt of alkaline metal is at least: 1.4, advantageously at least 2, more advantageously at least 4, and even more advantageously 7, and f) removing the remainder (I) of the stream (B) or the remainder (J) of the mother liquor (G) to be further processed.

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





- (22) 18/10/2012
- (21) 1782/2012
- (44) October 2014
- (45) 14/01/2015
- (11) 26938

(51)	Int. Cl. ⁸ C11D 1/29, 1/06, 1/34 &	C09K 8/584		
(71)	 BASF SE (GERMANY) 3. 			
(72)	 BITTNER, Christian OETTER, Günter TINSLEY, Jack 	 4. SPINDLER, Christian 5. ALVAREZ- JÜRGENSON, Gabriela 6. MAITRO-VOGEL, Sophie 	7. 8. 9.	NEUMANN, Petra WLOKA, Veronika BOCK, Martin
(73)	1. 2.			
(30)	1. (EP) 10160888.3 – 23/04/2010 2. (PCT/EP2011/055884) – 14/04/2011 3.			
(74)	HANAFY MAHMOUD TAHA			
(12)	Patent			

(54) METHOD FOR PRODUCING MINERAL OIL USING SURFACTANTS BASED ON A MIXTURE OF C32-GUERBET-, C34-GUERBET-, C36-GUERBET-CONTAINING ALKYL ALKOXYLATES

Patent Period Started From 14/04/2011 and Will end on 13/04/2031

(57) The invention relates to a method for producing mineral oil by means of Winsor Type III microemulsion flooding, wherein an aqueous surfactant formulation which comprises, in relation to the alkyl part (R1)(R2)-CH-CH2-, at least three different ionic surfactants of general formula (R1)(R2)-CH-CH2-0-(D)n-(B)m-(A)I-XYa- a/b Mb+, is pressed though injection wells into a mineral oil deposit and crude oil is extracted from the deposit via production wells. The invention also relates to surfactants formulations of ionic surfactants according to the general formula.



(22) 29/09/2011

(21) | 1645/2011

(44) | September 2014

(45) 14/01/2015

(11) 26939

(51)	Int. Cl. 8 A61C 9/00 & A61K 6/10
(71)	1. DALIA AHMED EL-SAID SABA (EGYPT) 2. SAYED HUSSEIN SAYED SANIOUR
	3. KAMILIA ABD EL-HAMEED EL- BARAWY
(72)	 DALIA AHMED EL-SAID SABA SAYED HUSSEIN SAYED SANIOUR KAMILIA ABD EL-HAMEED EL- BARAWY
(73)	1.
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(30)	1.
	2. 3.
(74)	
(12)	Patent

DENTAL IMPRESSION MATERIAL CONTAINING FINE SILICA **FUME**

Patent Period Started From 29/09/2011 and Will end on 28/09/2031

(57) The present invention provides a low-dust dental alginate impression material comprising of sodium alginate, a gelation agent, a gelation regulator agent and a filler as major components. The invented impression material further comprises silica fume by-product obtained from the Egyptian Ferroalloys Companies located in Edfu and Kima cities, Aswan-Egypt, which is added in an amount ranging from 5 -15 wt % and having particle size less than 38?m. The addition of the silica fume, to the alginate impression material composition of the present invention, was found to improve its mechanical properties regarding recovery from deformation, strain in compression, compressive and tear strengths.

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

Egyptian Patent Office



- (22) 26/01/2011
- (21) 0163/2011
- (44) **September 2014**
- (45) 14/01/2015
- (11) 26940

(51)	Int. Cl. ⁸ F25J 1/00
(71)	1. EHAB GAMEL HUSEN ATEAA (EGYPT) 2. 3.
(72)	1. EHAB GAMEL HUSEN ATEAA 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) A PROTECTION SYSTEM FOR ELECTRIC HEATER IN CASE OF DAMAGE

Patent Period Started From 26/01/2011 and Will end on 25/01/2031

(57) A protection system for electric heater in case of damage It is a protection system.

in case of damage, The heater cut off the electrical current and closes the source of water

Where the idea is based on receiving electrical current from water inside the damaged of heater by an extension cord and act as a party (+) and go out to the electrical adapter, or circuit conductor which conected by the Party (-) (ground) constantly

so the circle is completed and out of AC the ectrical adapter which converter to direct current (D,C) and then entered to amagnetic heart NO. which pull an iron rod NO., which serve as a control arm in the closing akey of the heater and OPENING NO. (k1) which convert the electricity to an electrical motor NO. which responsible for closing the source of water within the heater

And thus have been shut down electricity and water inside the damaged heater.

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

Egyptian Patent Office



- (22) 03/10/2010
- (21) 1666/2010
- (44) October 2014
- (45) 15/01/2015
- (11) 26941

(51)	Int. Cl. 8 C04B 38/00
(71)	1. CENTRAL METALLURGICAL RESEARCH AND DEVELOPMENT INSTITUTE 2. (EGYPT) 3.
(72)	1. OSAMA AHMED FOUAD HANAFY MAHMOUD 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) METHOD FOR PRODUCTION OF CARBON NANOTUBES FROM AGRICULTURAL WASTE

Patent Period Started From 03/10/2010 and Will end on 02/10/2030

(57) The current invention is dealing with producing single - wall carbon nanotubes from agricultural wastes produced from the manufacture of some agricultural crops products such as date seeds and molasses. The method can be summarized in combustion of heated mixture of ground date seeds or molasses with one of the transition metal salts single or group of nickel, cobalt or iron specially nickel acetate in presence of inert and/or reducing gases, argon and hydrogen, respectively. The mixtures are burned at temperature in the range 1200-1350 OC for different periods of time. Carbon nanotubes are mainly produced due to catalytic effect of transition metal salts on the combustion carbon products. This is an inexpensive route because of using agricultural wastes and added value to these wastes and it is environmentally friendly.

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

Egyptian Patent Office



- (22) 16/03/2010
- (21) 0414/2010
- (44) October 2014
- (45) 15/01/2015
- (11) 26942

(51)	Int. Cl. ⁸ B66B 23/12	
(71)	1. INVENTIO AG (SWITZERLAND) 2. 3.	
(72)	1. MATHEISL, Michael 2. ILLEDITS, Thomas 3. NOVACEK, Thomas	
(73)) 1. 2.	
(30)	1. (EP) 07117646.5 - 01-10-2007 2. (PCT/EP2008/062970) - 26-09-2008	
(74)	MAGDA HARON	
(12)	Patent Patent	

(54) STEP SUPPORT OR PLATE SUPPORT FOR TREAD UNITS OF A CONVEYING DEVICE, TREAD UNITS AND CONVEYING DEVICE

Patent Period Started From 26/09/2008 and Will end on 25/09/2028

(57) The step support or plate support comprises a rear crossmember and a front crossmember which together form a plane for receiving the tread element. There are two outer step cheeks, wherein one of the step cheeks is arranged on the right and one of the step cheeks is arranged on the left, substantially perpendicular with respect to the crossmembers. The two crossmembers are manufactured from deep-drawing sheet metal and are welded or joined or riveted or screwed or adhesively bonded or clinched to the step cheeks or plate cheeks to form a load-bearing frame. The height of the crossmembers at its ends is smaller than the height of the crossmembers in the centre, with the result that the crossmembers have a curved shape.

Academy of Scientific Research & Technology



(22) 22/03/2012

(21) 0525/2012

(44) October 2014

(45) 19/01/2015

(11) 26943

Ministry of State for Scientific Research Egyptian Patent Office

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(71)	1. INDUSTRIE DE NORA S.P.A. (ITALY)
	3.
(72)	1. URGEGHE, Christian
	2. MORA, Stefania
	3. ANTOZZI, Antonio Lorenzo
(73)	1.
,	2.
(30)	1. (IT) MI2009A001621 - 23-09-2009
	2. (PCT/EP2010/064081) - 23-09-2010
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

ELECTRODE FOR ELECTROLYTIC PROCESSES WITH (54)CONTROLLED CRYSTALLINE STRUCTURE

Patent Period Started From 23/09/2010 and Will end on 22/09/2030

(57) The invention relates to a cathode for electrolytic processes provided with a catalytic coating based on ruthenium crystallites with highly controlled size falling in a range of 1- 10 nm. The coating can be produced by physical vapour deposition of a ruthenium or ruthenium oxide layer.

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





- (22) 06/09/2006
- (21) 0476/2006
- (44) **September 2014**
- (45) 20/01/2015
- (11) 26944

(51)	Int. Cl. 8 C07C 67/08
(71)	 Assiut University (EGYPT) Abd El - Aziz Ahmed Said
	3. Hassan Abd El- Hameed Soliman4. Mohamed Mahmoud Abd El- Wahab
(72)	 Abd El - Aziz Ahmed Said Hassan Abd El- Hameed Soliman Mohamed Mahmoud Abd El- Wahab
(73)	1. 2.
(30)	1. 2. 3.
(74)	MOHAMED FOROUK MOHAMED AHMED
(12)	Patent

(54) REDUCTION OF DERMAL SCARRING

Patent Period Started From 06/09/2006 and Will end on 05/09/2026

(57) Clay minerals find wide variety applications in the various field of industry. They are used as a) bleaching earth for clarifying edible and industrial oils, b) binding agent for animal feeds, and c) filter in medicines, cosmetics and pesticides. They can also be used as adsorbents for the removal of toxic compounds and heavy metal ions from solution and dispersions.

Studies on the use of clay minerals, in place of hazardous homogeneous catalysis, in liquid-phase reactions for the production of fine chemicals are receiving much attention now. However, generally the natural clays can be enhanced by acid treatment and depends on the modifications. It is interesting to mention here that the Egyptian natural clays were tested for some dehydration reactions and they exhibit high activity and selectivity, (< 95%). The most important evidence is that the amount of available clays in Egypt (New Valley area) is about 100,000,000 meteric tons.

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

Egyptian Patent Office



- (22) | 27/07/2009
- (21) 1139/2009
- (44) October 2014
- (45) |20/01/2015
- (11) 26945

(51)	Int. Cl. ⁸ B62B 11/00
(71)	1. MOHAMAD YOSREY IBRAHIM AHMAD (EGYPT) 2.
	3.
(72)	1. MOHAMAD YOSREY IBRAHIM AHMAD
,	2.
	3.
(73)	1.
(-)	2.
(30)	1.
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	3.
(74)	ATEF MOHAMMED HASSAN
(12)	Patent

(54) HAND STEERING DEVICE FOR THE CRIPPLED PEOPLE

Patent Period Started From 27/07/2009 and Will end on 26/07/2029

(57) This is triple component device hand fuel brakes and clutch the right part can be used as a replacement of fuel pedal and the brakes the left part can be used as a replacement of the clutch the two parts combined can be triple components of fuel brakes and clutches this device is applicable to all types of cars the length of which varies depending on the varying diameter of the car steering wheel.

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

Egyptian Patent Office



- (22) 28/05/2012
- (21) 0955/2012
- (44) | September 2014
- (45) 20/01/2015
- (11) 26946

(51)	Int. Cl. 8 C07D 317/38 & C07C 29/09, 31/20 & H01M 10/0569
(71)	1. MITSUBISHI CHEMICAL CORPORATION (JAPAN) 2. 3.
(72)	1. YAMAGISHI, Masahiko 2. 3.
(73)	1. 2.
(30)	1. (JP) 2009-272416 -30-11-2009 2. (PCT/JP2010/071251) - 29-11-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESSES FOR PRODUCING ETHYLENE CARBONATE AND ETHYLENE GLYCOL

Patent Period Started From 29/11/2010 and Will end on 28/11/2030

(57) Disclosed is a process for ethylene carbonate production which comprises steps of reacting carbon dioxide with ethylene oxide in the presence of a catalyst to obtain a liquid reaction mixture that contains ethylene carbonate and purifying the generated ethylene carbonate by crystallization. In the process, a catalyst-containing liquid is withdrawn from the liquid reaction mixture, and water is added thereto in an amount at least 20 times by weight the amount of the catalyst dissolved in the withdrawn liquid. Insolubles are thereby precipitated. The precipitated insolubes are removed, and the residual liquid is circulated to the liquid reaction mixture. Thus, ethylene carbonate from which coloring matter has been removed can be efficiently produced. In addition, in a process for producing ethylene glycol, clogging is prevented and the system can be stably operated over a long period.

Ministry of State for Scientific Research



(22) 06/08/2006

(21) PCT/NA2006/000741

Academy of Scientific Research & Technology Egyptian Patent Office	\$ · \$ · \$	` /	August 2014 21/01/2015 26947	
(51) Int. Cl. ⁸ B01J 8/00, 8/26, 8/38, 23/6	556, 8/30 & C07C 5/	333		
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(51)	Int. Cl. 8 B01J 8/00, 8/26, 8/38, 23/656, 8/30 & C07C 5/333		
(71)	1. SNAMPROGETTI S.P.A (ITALY) 2. 3.		
(72)	 SANFILIPPO, Domenico MIRACCA, Ivano CAPONE, Guido 	4. FANTINUOLI, Vincenzino	
(73)	1. 2.		
(30)	1. (IT) MI2004A000198 – 09/02/2004 2. (PCT/EP2005/001258) – 07/02/2005 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

REACTOR-REGENERATOR DEVICE AND USE THEREOF IN (54)THE PRODUCTION OF STYRENE

Patent Period Started From 07/02/2005 and Will end on 06/02/2025

The invention relates to a process for carrying out the catalytic dehydrogenation reaction of ethylene and/or ethane in gas phase for producing styrene, wherein it comprises continuously feeding the reagent gas to a section comprising at least one reaction vessel, containing a catalyst and operating under fluid conditions, discharging the reaction product from the head of the vessel of step to send it to the subsequent separation and recovery/recycling steps of the non reacted components; continuously removing a stream of exhausted catalyst from the reaction vessel and, after optional stripping with inert gasin a specific apparatus, feeding it to a regeneration/ heating section, comprising a regeneratorriser, using regenerating gas as carrier in eguicurrent with the catalyst; iv continuously removing a stream of regenerated and heated catalyst from the head of the regenerator- riser and, after optional stripping with inert gas in a specific apparatus, feeding it to the dehydrogenation reactor using the regent gas, or ethane in the case of ethyl benzene /ethane mixture, as carrier.

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

Egyptian Patent Office



- (22) |03/04/2008
- (21) 0710/2008
- (44) August 2014
- (45) 26/01/2015
- (11) 26948

(51)	Int. Cl. ⁸ E21B 47/00
(71)	1. EXXON MOBIL CHEMICAL PATENTS INC (UNITED STATES OF AMERICA) 2. 3.
(72)	1. DUPRIEST, FRED 2. 3.
(73)	1. 2.
(30)	1. (US) 60/738,146 - 18-11-2005 2. (US) 60/817,234 - 28-06-2006 3. (PCT/US2006/039345) - 05-10-2006
(74)	ABD ELHDDY FOR ININELLECTUAL PROPERTY
(12)	Patent

(54) METHOD OF DRILLING AND PRODUCING HYDROCARBONS FROM SUBSURFACE FORMATIONS

Patent Period Started From 05/10/2006 and Will end on 04/10/2026

(57) A method associated with the production of hydrocarbons. In one embodiment, method for drilling a well is described. The method includes identifying a field having hydrocarbons. Then, one or more wells are drilled to a subsurface location in the field to provide fluid flow paths for hydrocarbons to a production facility. The drilling is performed by (i) estimating a drill rate for one of the wells; (ii) determining a difference between the estimated drill rate and an actual drill rate; (iii) obtaining mechanical specific energy (MSE) data and other measured data during the drilling of the one of the wells; (iv) using the obtained MSE data and other measured data to determine one of a plurality of limiters that limit the drill rate; (v) adjusting drilling operations to mitigate one of the plurality of limiters; and (vi) iteratively repeating steps (i)-(v) until the subsurface formation has been reached by drilling operations.

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



(22) 09/05/2012

(21) 0837/2012

(44) August 2014

(45) 26/01/2015

(11) 26949

(51)	Int. Cl. 8 B65D 85/76, 25/10
(71)	1. BONGRAIN S.A. (FRANCE) 2. 3.
(72)	 BONNIN, Yves RAVELET, Sébastien
(73)	1. 2.
(30)	1. (FR) 09/05441 - 12-11-2009 2. (PCT/FR2010/000702) - 25-10-2010 3.
(74)	ABD ELHDDY FOR ININELLECTUAL PROPERTY
(12)	Patent

PACKAGING FOR A FOOD PRODUCT DIVIDABLE INTO PORTIONS

Patent Period Started From 25/10/2010 and Will end on 24/10/2030

The aim of the invention is to provide a packaging that is compact after use, cost-effective, and practical to use, and prevents the user from getting soiled fingers when opening and handling the product. To this end, the invention aims to provide a packaging from a blank made of foldable material, the arrangement of which enables sealing over all edges and makes it possible to apply a sealing temperature and pressure outside the product. Specifically, the invention relates to a packaging including, in reference to the assembled packaging: a side band having two longitudinal edges, that are connected by two end edges, and moreover having at least one curve and/or one fold for providing a food product storage space, and a seal having a bottom area and a covering area, that are each attached onto a separate longitudinal edge, said seal moreover having a side edge area that is attached onto the end edges of the band such as to enclose the food product within the storage space, the seal being peel ably attached onto the end edges over an entire longitudinal edge and over at least a portion of the second longitudinal edge.

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

Egyptian Patent Office



- (22) 26/09/2010
- (21) 1614/2010
- (44) October 2014
- (45) 27/01/2015
- (11) 26950

(51)	Int. Cl. ⁸ C10G 27/10	
(71)	1. AUTERRA, INC (UNITED STATES OF AMERICA) 2. 3.	
(72)	 LITZ, Kyle, E. JORDAN, Tracey, M. ROSSETTI, Mark, N. 	4. LOUGHRAN, Anthony, J. 5. VREELAND, Jennifer, L.
(73)	1. 2.	
(30)	1. (US) 61/039,619 - 26-03-2008 2. (PCT/US2008/082095) - 31-10-2008 3.	
(74)	COMPANY SMAS OF THE IP	
(12)	Patent	

(54) SULFOXIDATION CATALYSTS AND METHODS AND SYSTEMS OF USING SAME

Patent Period Started From 31/10/2008 and Will end on 30/10/2028

(57) Catalysts amenable to oxidizing sulfur compounds and systems and methods of using these catalysts to effect the removal of sulfur from crude oil and crude oil distillates are disclosed. The catalyst is disposed with a titanyl moiety which serves to selectively coordinate sulfur compounds and affect their oxidation. The titanyl may be bound within a polymer or on the surface of a polymer or on the surface or in the pores of an inorganic support. The resulting oxidized sulfur compounds are readily separated from the initial crude oil or crude oil distillate streams by traditional separation techniques arrayed as described in the systems and methods disclosed.

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

Egyptian Patent Office



- (22) 06/08/2012
- (21) | 1376/2012
- (44) October 2014
- (45) 27/01/2015
- (11) 26951

(51)	Int. Cl. ⁸ C07D 311/58
(71)	 MENARINI INTERNATIONAL OPERATIONS LUXEMBOURG S.A (LUXEMBOURG) 3.
(72)	 BARTOLI, Sandra CIPOLLONE, Amalia FATTORI, Daniela
(73)	1. 2.
(30)	1. (IT) RM2010A000053 – 11/02/2010 2. (PCT/EP2011/051876) – 09/02/2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS FOR THE PREPARATION OF NEBIVOLOL

Patent Period Started From 09/02/2011 and Will end on 08/02/2031

(57) The present invention relates to a novel process for the synthesis of Nebivolol product represented in Scheme (1), comprised of a reduced number of high-yield steps, and characterized by the kinetic resolution of the two epoxide pairs diastereoisomeric there between (mixture 1), allowing to avoid complex chromatographic separations.

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



(21) 0578/2011

(44) October 2014

(45) 28/01/2015

(11) 26952

(51)	Int. Cl. ⁸ E02B 3/06
(71)	1. SHERIF MOUSA ABD ELAZIZ ELMALKY (EGYPT) 2.
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(72)	1. SHERIF MOUSA ABD ELAZIZ ELMALKY
	2.
	3.
(73)	1.
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(30)	1.
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	3.
(74)	
(12)	Patent

(54) SELF PENETRATING WALL IMMERSED IN WATER UNITS TO MAKE A SELF DESTRUCTION OF TSUNAMI'S WAVES

Patent Period Started From 13/04/2011 and Will end on 12/04/2031

(57) Self penetrating wall immersed in water units to destroy Tsunami's waves which reach to 6.00 height or more, by using a net of horizontal and vertical rows and columns consists of 2 units named U & T connected together by strong rod, and the net fixed in the sea bottom using strong rod and concrete piles.

This net have as a main role to disperse, slow speeding, hinder change Tsunami's wave's direction to destroy itself.

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



(22) 30/07/2007

(21) | PCT/NA 2007/000788

(44) **September 2014**

(45) 28/01/2015

(11) 26953

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(72)	1. KRITZLER, STEVEN 2. 3.
(73)	1. 2.
(30)	1. (AU) 2005900444 - 02/02/2005 2. (PCT/AU2006/000131) - 02/02/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A COMPOSITION COMPRISING A POLYVINYL ALCOHOL IN COMBINATION WITH A BIOCIDE AND ITS FORMING METHOD

Patent Period Started From 02/02/2006 and Will end on 01/02/2026

(57) This invention relates to a composition comprising 0.5 to 75% w/w of the composition of a polyvinyl alcohol in combination with a biocide which is a plasticiser, or in combination with a 0.5 to 75% w/w of a quaternary ammonium biocide and a compatible plasticizer selected from the group consisting of: phenoxyethanol, 1-hexanol, 1-heptanol, 2-heptanol, 3-heptanol, 1- octanol, 2- octanol, 1-nonanol, octyleneglycol, 2-ethyl-1,3-hexanediol, nonyl phenol condensed with two or three moles of ethylene oxide, dibutyl phthalate and dioctyl phthalate; and wherein the biocide forms a complex with the polyvinyl alcohol, said composition having been heated to a temperature in the range of from 90°c to 220°c, said composition having a surface which remains biostatic or biocidal for at least 7 days. A hot melt of the composition may be cast or applied as a film or coating or may be extruded moulded or otherwise into articles. Volatiles formed during heating may be removed from the combination e.g. by low pressure.

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





- (22) 05/04/2011
- (21) 0519/2011
- (44) | September 2014
- (45) 28/01/2015
- (11) 26954

(51)	Int. Cl. ⁸ E21B 33/03, 34/02, 43/12
(71)	1. ENI S.P.A. (ITALY) 2. 3.
(72)	 ROTA, Vittorio DI LULLO, Alberto, Giulio .
(73)	1. 2.
(30)	1. (IT) MI2008A001770 - 07/10/2008 2. (PCT/EP2009/007275) - 05/10/2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) WELLHEAD VALVE SYSTEM FOR ADJUSTING THE FLOW WITH INTEGRATED MULTIPHASE FLOW RATE MEASURING ABILITY

Patent Period Started From 05/10/2009 and Will end on 04/10/2029

(57) The present invention refers to a wellhead valve system for adjusting the flow, for example, of hydrocarbon, comprising a hydraulic control valve for opening the wellhead made up of a valve body provided with a pipe for the passage of a flow (F) of fluids, having an inlet opening and an outlet opening, interposed between the inlet opening and the outlet opening being an adjustable orifice; an actuator adapted to command the valve to close and open, in which the actuator operates on opening and closing means of the adjustable orifice; and a position gauge adapted to determine the degree of opening of the adjustable orifice, and is characterized in that the position gauge is integral with the opening and closing means of the adjustable orifice. Thanks to the accurate measurements carried out by the position gauge, it is possible to determine the gas/liquid monophase and/or biphase flow rate value accurately and instantly, based upon data measured by a plurality of fluid and/or flow parameters sensors, comprising pressure sensors and temperature sensors, preferably positioned integral with the valve body.

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



(22)	05/10/2011
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(21) 1676/2011

(44) October 2014

(45) 28/01/2015

(11) 26955

(51)	Int. Cl. 8 H02M 5/458
(71)	 SCHNEIDER TOSHIBA INVERTER EUROPE SAS (FRANCE) 3.
(72)	1. LOIZELET, Philippe 2. 3.
(73)	1. 2.
(30)	1. (FR) 0952280 - 08-04-2009 2. (PCT/EP2010/053931) - 25-03-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SYSTEM FOR CONTROLLING AN ELECTRIC CHARGE POWERED BY DC SOURCES

Patent Period Started From 25/03/2010 and Will end on 24/03/2030

(57) The invention relates to a system for controlling an alternating electric charge, comprising a variable speed drive which includes a rectifier module provided with a plurality of power supply terminals (and supplying a DC voltage between a positive line and a negative line of a power bus, and which includes an inverter module powered by the power bus and supplying a variable voltage to the electric charge (M). The control system comprises a plurality of DC power sources, the positive terminal of each power source being connected to a separate power supply terminal, of the rectifier module and the negative terminals of the power sources being connected to the negative line of the power bus

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

Egyptian Patent Office



- $(22) | 23/09/201\overline{0}$
- (21) 1605/2010
- (44) **September 2014**
- (45) 28/01/2015
- (11) 26956

(51)	Int. Cl. ⁸ E05B 27/00	
(71)	1. MEDECO SECURITY LOCKS, INC. (UNITED STATES OF AMERICA) 2. 3.	
(72)	 FIELD, Peter, H. SUTHERLAND, David, P. HARTMAN, Glenn BENZIE, Mark 	 DANNHARDT, Walt GALLIHER, Kevin BOADWINE, Dan SON, Clyde, T.
(73)	1. 2.	•
(30)	1. (US) 61/039,864 - 27-03-2008 2. (PCT/US2009/038606) - 27-03-2009 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) CYLINDER LOCK AND AUXILIARY LOCKING MECHANISM Patent Period Started From 27/03/2009 and Will end on 26/03/2029

(57) Tumbler pin lock includes an auxiliary locking mechanism including an auxiliary locking pin to provide enhance locking in addition to the locking provided by the tumbler pins so that the lock remains locked even if the tumblers are picked or bumped into their unlocked positions.

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GRANTED PATENT' S ABSTRACTS GAZETTE "PATENTS ISSUED MARCH IN 2015"

Egyptian Patent Office

Issue No 226 APRIL 2015

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(PATENT No. 26707)	(32)
(PATENT No. 26708)	(33)
(PATENT No. 26709)	(34)
(PATENT No. 26710)	(35)
(PATENT No. 26711)	(36)

(PATENT No. 26712)	(37)
(PATENT No. 26713)	(38)
(PATENT No. 26714)	(39)
(PATENT No. 267141)	(40)

Preface

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

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

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

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

Bibliographic data

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

List of Codes of Countries and Regional Organisations Administered by the World Intellectual Property Organisation

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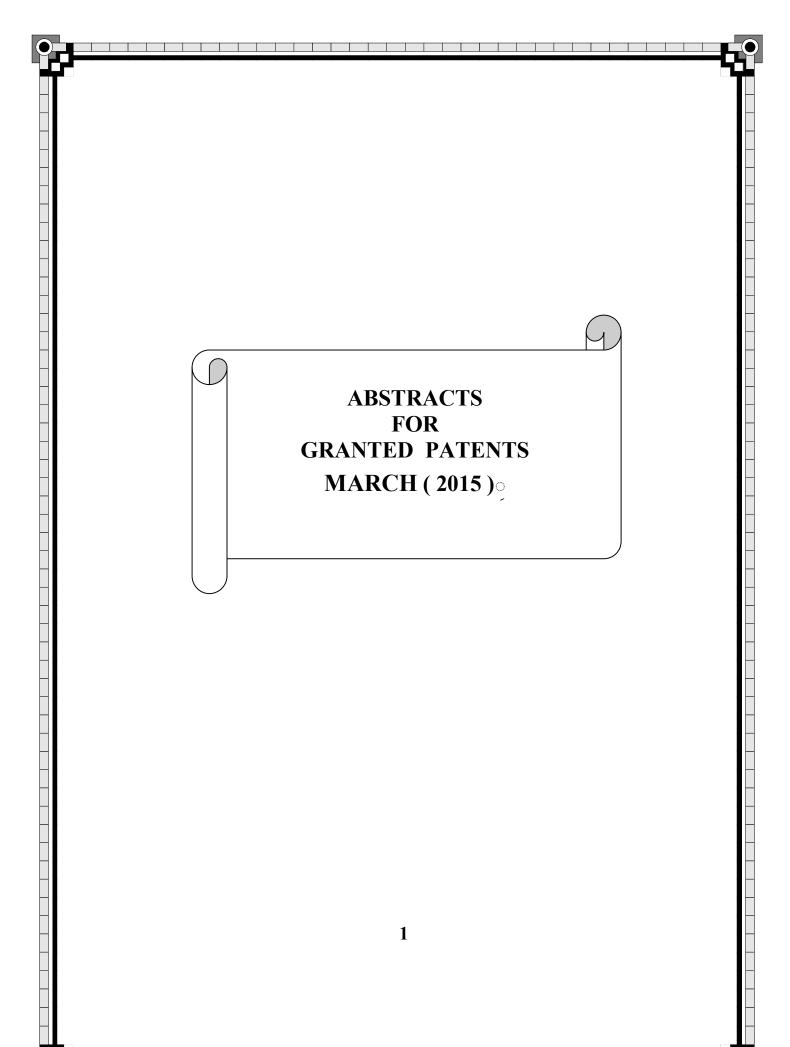
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SO	Somalia
SR	Suriname
ST	Saotome and Principe
SV	El Salvador
SY	Syrian Arab Republic
SZ	Swaziland
TD	Chad
TG	Togo
TJ	Tajikistan
TH	Thailand
TM	Turkmenistan
TN	Tunisia
TR	Turkey
TT	Trindad and Topago
TW	Taiwan
TZ	United Republic of Tanzania
UA	Ukraine
UG	Uganda
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

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



Ministry of State for Scientific Research Academy of Scientific Research & Technology **Egyptian Patent Office**



PCT

(22) 03/012010

(21) 0005/2010

(44) **September 2014**

(45) 01/03/2015

(11) 26977

(51)	Int. Cl. ⁸ B01J 8/02	
(71)	1. AMMONIA CASALE S.A. (SWITZERLAND) 2. 3.	
(72)	 Tarozzo.Mirco FILIPPI, Ermanno RIZZI, Enrico 	
(73)	1. 2.	
(30)	1. (EP) 07013091.9 – 04-07-2007 2. (PCT/EP2008/005312) - 30-06-2008 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54)WALL SYSTEM FOR CATALYTIC BEDS OF SYNTHESIS REACTORS AND RELATIVE PRODUCTION PROCESS

Patent Period Started From 30/06/2008 and Will end on 29/06/2028

(57) In which there is a wall in direct contact with a catalytic bed for containing it, said wall having a plurality of portions permeable to the gases and a plurality of portions impermeable to the gases, said portions permeable to the gases being equipped with slits of a size such as to allow the free passage of the synthesis gases through them but not the passage of the catalyst, in which the slits are obtained with milling, water cutting or electro-erosion processing.

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



PCT

(22) 05/12/2012

(21) 2017/2012

(44) **September 2014**

(45) 01/03/2015

(11) 26978

(51)	Int. Cl. 8 G01V 1/145
(71)	 BP CORPORATION NORTH AMERICA INC. (UNITED STATES OF AMERICA) 3.
(72)	1. HARPER, Mark 2. THOMPSON, Martin 3. MOORE, Stuart
(73)	1. 2.
(30)	1. (US) 61/352,599 - 08-06-2010 2. (PCT/US2011/039619) - 08-06-2011 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) MARINE MECHANICAL SEISMIC SOURCE Patent Period Started From 08/06/2011 and Will end on 078/06/2031

(57) A marine seismic source comprises a housing having a central axis, an open end, and a closed end opposite the open end, in addition, the source comprises a piston coaxially disposed within the housing, In addition, the source comprises a flywheel disposed within the housing and axially positioned between the closed end and the piston. The flywheel is configured to rotate about a rotational axis. Further, the source comprises a connecting rod moveably coupling the piston to the flywheel. The connecting rod has a first end pivotally coupled to the piston and a second end pivotally coupled to the flywheel. The second end of the connecting rod has a first position at a first distance measured radially from the rotational axis, and a second position at a second distance measured radially from the rotational axis. The first distance is less than the second distance.

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

Egyptian Patent Office

Patent

(12)



- (22) 13/12/2001
- (21) |1345/2001
- (44) |September 2014
- (45) |01/03/2015
- 26979 (11)

(51)	Int. Cl. 8 C07D 281/10, 417/12 & C07F 9/6536 & A61K 31/554, 31/675, 38/05 & A61P 3/06
(51)	Int. Ci. Coto 201/10, 417/12 & Cott 7/0550 & Autx 51/554, 51/075, 50/05 & Autx 5/05
(= 4)	1 ACED A ZENECIA AD COMEDEN
(71)	1. ASTRA ZENECA AB (SWEDEN)
	2.
	3.
(72)	1. STARKE, Ingemar
,	2. DAHLSTROM, Mikael
	3. BLOMBERG, David
(73)	1.
(-)	2.
(30)	1. (SE) 0004811.6 – 21-12-2000
(= 0)	2. (GB) 0112592.1 - 24-05-2001
	3.
(74)	ABD ELHADI FOR IP

(54) CHEMICAL COMPOUNDS

Patent Period Started From and Will end on 12/12/2021

(57) The present invention relates to compounds of the formula (I): (Wherein variable groups are as defined within) pharmaceutically acceptable salts, solvates, solvates of such salts and prodrugs thereof and their use as ileal bile acid transport (IBAT) inhibitors for the treatment of hyperlipidaemia. Processes for their manufacture and pharmaceutical compositions containing them are also described.

$$\begin{array}{c} R^{5} \\ R^{5} \\ R^{4} \\ R^{3} \\ R^{3} \\ R^{2} \\ R^{2} \\ R^{2} \\ R^{2} \\ R^{2} \\ R^{2} \\ R^{3} \\ R^{2} \\ R^{3} \\ R^{4} \\ R^{2} \\ R^{2} \\ R^{3} \\ R^{4} \\ R^{5} \\$$

$$\begin{array}{c|c}
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R_{10}^{11} & R_{9} & R_{8} & R_{7}^{7}
\end{array}$$

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- **(22)**
- 26/05/2009
- (21) | 0768/2009
- (44) | September 2014
- (45) 01/03/2015
- (11) 26980

(51)	Int. Cl. ⁸ C12N 15/62, 15/82, 1	5/09 & C07K 14/00	
(71)	 DOW AGROSCIENCES LLC (UNITED STATES OF AMERICA) SANGAMO BIOSCIENCES, INC (UNITED STATES OF AMERICA) 3. 		
(72)	 CAI, Qihua, C. MILLER, Jeffrey URNOV, Fyodor SHUKLA, Vipula, K. 	5. PETOLINO, Joseph, F.6. BAKER, Lisa, W.7. GARRISON, Robbi, J.8. BLUE, Ryan, C.	9. MITCHELL, Jon, C. 10. ARNOLD, Nicole, L 11. WORDEN, Sarah, E.
(73)	1. 2.		
(30)	1. (US) 60/874,911 - 14-12-200 2. (US) 60/932,497 - 30-05-200 3. (PCT/US2007/025455) - 13-)7	
(74)	ABD ELHLHADY FOR IP		
(12)	Patent		

OPTIMIZED NON-CANONICAL ZINC FINGER PROTEINS $(5\overline{4})$ Patent Period Started From 13/12/2007 and Will end on 12/12/2007

(57) Disclosed herein are zinc fingers comprise CCHC zinc coordinating residues. Also described are zinc finger proteins and fusion proteins comprise these CCHC zinc fingers as well as polynucleotides encoding these proteins. Methods of using these proteins for gene editing and gene regulation are also described.

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



(22) 18/10/2009

(21) | 1481/2009

(44) **September 2014**

(45) 01/03/2015

(11) 26981

(51)	Int. Cl. ⁸ G01V 1/00
(71)	1. GECO TECHNOLOGY B.V (NETHERLANDS) 2. 3.
(72)	 Bagaini Claudio Moore Ian 3.
(73)	1. 2.
(30)	1. (US) 12/247,284 - 08-10-2008 2. 3.
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) DITHERED SLIP SWEEP VIBROSEIS ACQUISITION SYSTEM AND TECHNIQUE

Patent Period Started From 18/10/2009 and Will end on 17/10/2029

(57) A technique includes generating vibroseis sweeps for a vibroseis survey to produce seismic data acquired in response to seismic signals produced by the sweeps. The generation of the vibroseis sweeps including temporally arranging the sweeps into time-overlapping groups. The technique includes regulating a timing of the groups relative to each other based on a slip time. The technique also includes regulating a timing of the sweeps of each group such that consecutive sweep firings of each group are spaced apart by a time substantially less than the slip time.



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(51)	Int. Cl. 8 E21B 31/13, 33/138
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	 MATHEW, Thomas JOHNSON, Michael, H. ROSENBLATT, Steve
(73)	1. 2.
(30)	1. (US) 12/830,039 – 02-07-2010 2. (PCT/US2011/042278) - 29-06-2011 3.
(74)	NAHED WADE REZK
(12)	Patent

SHAPE MEMORY CEMENT ANNULUS GAS MIGRATION (54)PREVENTION APPARATUS

Patent Period Started From 29/06/2011 and Will end on 28/06/2031

The annular space around a tubular string has a shape memory material that is in a low profile configuration for run in. After the desired position is obtained and the annulus has cement delivered to fill the annular space, the shape memory device is triggered to revert to an original shape that spans the annulus to seal the tubular and the wellbore sides of the annular space against gas migration through the cement. The structures can have varying run in shapes and can also have original shapes that when the material is triggered will act to displace cement to enhance its compaction on the tubular or the wellbore wall. Combinations of shape memory alloys and polymers are also contemplated to enhance the seal against gas migration.

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



(22)	20/05/2008
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(21) 0832/2008

(44) November 2014

(45) |02/03/2015

(11) 26983

(51)	Int. Cl. 8 A01K 63/00, 63/04
(71)	 AMRO ABD-ELHAMID ABD-ELAZIM MOHAMED (EGYPT) PROF. MOHAMED MAHMOUD ALY ABOU-ZAID 3.
(72)	 AMRO ABD-ELHAMID ABD-ELAZIM MOHAMED PROF. MOHAMED MAHMOUD ALY ABOU-ZAID RAMADAN ABD ELHAMEED ABD-EIAZIM
(73)	1. 2.
(30)	1. 2. 3.
(74)	AMRO ABD-ELHAMID ABD-ELAZIM
(12)	Patent

(54) ARTIFICIAL STRUCTURES FOR HELPING IN CORAL REHABILITATION

Patent Period Started From 20/05/2008 and Will end on 19/05/2028

(57) The habitat of the Red Sea coral reef is considered to be one of the most important natural habitats in Egypt. Coral reefs around the world are experiencing massive deterioration by man's activities and natural disasters. International statistics predicted that coral degradation will reach 50% by year 2020 with the continuation of such destroying habits. Our research in Hurghada (last decay) showed that the unsuitable substrate is the reason that coral reefs did not restore themselves after stopping the impact. Therefore, it come the need to our sea water cement structure invention with a dome like shape, supported with calcium carbonate that proved to increase larval attraction, settlement and growth rate.

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





- (22) 14/11/2011
- (21) 1923/2011
- (44) | February 2014
- (45) 04/03/2015
- (11) 26984

(51)	Int. Cl. ⁸ B26B 21/44
(71)	1. THE GILLETTE COMPANY (UNITED STATES OF AMERICA) 2. 3.
(72)	 KWIECIEN, Michael, Joseph LEE, Alejandro, Carlos .
(73)	1. 2.
(30)	1. (US) 12/468,147 - 19-05-2009 2. (PCT/US2010/035171) - 18-05-2010 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) SHAVING CARTRIDGES HAVING ELONGATED SKIN CONTACTING MEMBERS

Patent Period Started From 18/05/2010 and Will end on 17/05/2030

(57) A razor cartridge which has a housing with a pocket defined by a front wall and a rear wall. The pocket has a seat surface and at least one of the front and rear walls include one or more flexible segments. One or more blades are mounted within the housing. An elongated skin contacting member is provided that comprises a shaving aid composite that has one or more water-leachable shaving aid materials. The elongated skin contacting member has a body portion with an upper skin contacting surface and a base portion which is disposed at least partially within the pocket. The base portion has a bottom surface spaced apart from the seat surface. The base portion extends laterally outwardly from the body portion and is in mechanical engagement with the one or more flexible segments to secure the skin contacting member to the housing.

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

Egyptian Patent Office



- (22) 07/02/2011
- (21) 0211/2011
- (44) April 2014
- (45) 04/03/2015
- (11) 26985

(51)	Int. Cl. ⁸ A61F 13/15
(71)	1. THE PROCTER & GAMBLE COMPANY (UNITED STATES OF AMERICA) 2. 3.
(72)	 HAMMONS, John, Lee HOYING, Jody, Lynn FUCHS, Sybille
(73)	1. 2.
(30)	1. (US) 12/188,493 - 08-08-2008 2. (PCT/US2009/052958) - 06-08-0209 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) ZONED TOPSHEET Patent Period Started From 06/08/2009 and Will end on 05/08/2029

(57) An absorbent article having a topsheet and an absorbent core in facing relationship with the topsheet. The topsheet has a central region, an inner intermediate region, an outer intermediate region, and an edge region, wherein the inner intermediate region is between the central region and the outer intermediate region and the outer intermediate region is between the inner intermediate region and the edge region. The central region texture, inner intermediate region texture, outer intermediate region texture, and edge region texture differ from one another. At least one of the central region, inner intermediate region, outer intermediate region, and edge region comprises tufted fibers. The central region is on the longitudinal centerline of the absorbent article.

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

Egyptian Patent Office



- (22) 24/07/2012
- (21) 1299/2012
- (44) November 2014
- (45) 04/03/2015
- (11) 26986

(51)	Int. Cl. 8 B01J 19/24, 8/06 & C07C 1/04 & C10G 2/00
(71)	1. DAVY PROCESS TECHNOLOGY LIMITED (UNITED KINGDOM) 2. 3.
(72)	1. GAMLIN TIMOTHY, DOUGLAS 2. 3.
(73)	1. 2.
(30)	1. (GB) 1107070.3 – 27-04-2011 2. (PCT/GB2012/050256) - 06-02-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FISHER - TROPSCH PROCESS IN A RADIAL REACTOR

Patent Period Started From 06/02/2012 and Will end on 05/02/2032

A process for the conversion of synthesis gas to higher hydrocarbons by contacting a gaseous stream comprising synthesis gas with a particulate fischer-tropsch catalyst, said process being carried out in a tubular reactor having an inlet and an outlet, said outlet being located downstream of the inlet, said reactor comprising one or more tubes having located therein one or more carriers for said particulate catalyst and cooling medium in contact with said tubes; wherein said catalyst carrier comprises: an annular container for holding catalyst in use, said container having a perforated inner wall defining a tube, a perforated outer wall, a top surface closing the annular container and a bottom surface closing the annular container; a surface closing the bottom of said tube formed by the inner wall of the annular container; a skirt extending upwardly from the perforated outer wall of the annular container from a position at or near the bottom surface of said container to a position below the location of a seal; and - a seal located at or near the top surface and extending from the container by a distance which extends beyond an outer surface of the skirt; said process comprising: (a) introducing the gaseous reactants through the inlet;(b) passing said reactants downwardly through said at least one tube to the upper surface of the, or the first catalyst carrier where they pass into the passage defined by the inner perforated wall of the container before passing radially through the catalyst bed towards the perforated outer wall; (c) allowing reaction to occur as the synthesis gas contacts the catalyst; (d) passing unreacted reactant and product out of the container though the perforated outer wall and then upwardly between the inner surface of the skirt and the outer wall of the annular container until they reach the seal where they are directed over the end of the skirt and caused to flow downwardly between the outer surface of the skirt and the inner surface of the reactor tube where heat transfer takes place; (e) repeating steps (b) to (d) at any subsequent catalyst carrier; and (f) removing product from the outlet.

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- (22) 15/04/2009
- (21) 0532/2009
- (44) November 2014
- (45) 04/03/2015
- (11) 26987

(51)	Int. Cl. 8 A43B 13/12
(71)	1. ALYAA AHMED FUAAD (EGYPT) 2. 3.
(72)	1. ALYAA AHMED FUAAD 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) WATER SHOES FOR DIABETIC FOOT (D.F.)

Patent Period Started From 15/04/2009 and Will end on 14/04/2029

(57) This shoes help with the resistance of diabetic complications on foot and moreover, it shares in the treatment of these complications. This is accomplished through shoes that have two layers, one of which is gel and the other is a layer of gas. The two layers are attached to each other. This contributes to high stability. It is designed to prevent friction between the foot and the ground; which inevitably works as a type of massage. In addition, the more these shoes are used the more they benefit the feet, as they revive their circulation, peripheral neuritis and power.

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

Egyptian Patent Office



PCT

(22) 16/01/2012

(21) |0085/2012

(44) November 2014

(45) |08/03/2015

(11) 26988

(51)	Int. Cl. 8 C09D 13/00
(71)	1. J.S. STAEDTLER GMBH & CO. KG (GERMANY) 2. 3.
(72)	1. THIES, Andreas 2. 3.
(73)	1. 2.
(30)	1. (DE) 102009033830.6 - 18-07-2009 2. (PCT/EP2010/004160) - 08-07-2010 3.
(74)	SOHEER MICHEAL REZK
(12)	Patent

(54) WRITING SUBSTANCE FOR WRITING, DRAWING AND/OR **PAINTING TOOLS**

Patent Period Started From 08/07/2010 and Will end on 07/07/2030

(57) The invention relates to a polymer-bound writing substance for writing, drawing and/or painting tools, particularly for pencils or colored pencils, comprising at least one polymer bonding agent, at least one wax, and at least one filler material, wherein the writing substance is further provided with 0.1 to 5 wt % of palm kernel oil, and/or coconut butter, and/or coconut oil, and/or oleic acid.

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

Egyptian Patent Office



PCT

(22) 14/12/2011

(21) 2096/2011

(44) November 2014

(45) |08/03/2015

(11) 26989

(51)	Int. Cl. ⁸ F01K 3/14, 1/04, 1/08, 1/12
(71)	 ABENGOA SOLAR NEW TECHNOLOGIES, S.A (SPAIN) 3.
(72)	 OLAVARRÍA RODRIGUEZ-ARANGO, Rafael GARCÍA RAMIREZ, Elena BARRAGÁN JIMÉNEZ, Jose
(73)	1. 2.
(30)	1. (ES) P200901458 - 16-06-2009 2. (PCT/ES2010/000268) - 18-06-2010 3.
(74)	SOHEER MICHEAL REZK
(12)	Patent

(54)SYSTEM AND METHOD FOR ACCUMULATING STEAM IN TANKS FOR SOLAR USE

Patent Period Started From 18/06/2010 and Will end on 17/06/2030

(57) System and method for accumulating steam in tanks for solar use, made up of two sets of Ruths accumulators or tanks - the base set and the overheat set – which are identical to one another, each having a saturated steam inlet, steam injectors installed inside the tank, a steam outlet with a valve, and a drainage means. A heat exchanger is installed between the two sets of tanks. The storage method comprises a step of filling the tanks and a step of emptying the tanks, the latter comprising two emptying phases, the first at maximum-to-intermediate pressure, and the second at intermediateto-minimum pressure.

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





PCT

(22) 12/04/2011

(21) 0562/2001

(44) November 2014

(45) 09/03/2015

(11) 26990

(51)	Int. Cl. 8 F04D 29/38, 29/32
(71)	1. SHARP KABUSHIKI KAISHA (JAPAN) 2.
	3.
(72)	1. TAKEDA, YASUKATA
	2. OHTSUKA, MASAKI
(72)	3. 1.
(73)	2.
(30)	1. (JP) 2008- 272314 - 22-10-2008
()	2. (JP) 2008-22-10 - 22-10-2008
	3. (PCT/JP2008/070759) 14-11-2008
(74)	GORG AZIZ ABD ALMALEK
(12)	Patent

(54) PROPELLER FAN, FLUID FEEDER AND MOLDING DIE Patent Period Started From 14/11/2008 and Will end on 13/11/2028

In a propeller fan, a plurality of blades (21a and 21b) for blowing are coupled together with a space in a rotational direction kept there between, and a coupled region has a form for performing the blowing according to the rotation thereof. This structure provides a propeller fan greatly contributing to energy-saving properties and resource-saving design.

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



EGYPT

PCT

- (22) 26/03/2012
- (21) 0543/2012
- (44) March 2014
- (45) 08/03/2015
- (11) 26991

(51)	Int. Cl. ⁸ G06F 19/00
(71)	 LANDMARK GRAPHICS CORPORATION (UNITED STATES OF AMERICA) 3.
(72)	 JIANG, Fan JIN, Shengwen 3.
(73)	1. 2.
(30)	1. (PCT/US2009/062911) - 02-11-2009 2. 3.
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) SEISMIC IMAGING SYSTEMS AND METHODS EMPLOYING A 3D REVERSE TIME MIGRATION WITH TILTED TRANSVERSE ISOTROPY

Patent Period Started From 02/11/2009 and Will end on 01/11/2029

(57) Seismic survey data is converted into a subsurface data volume that users can view to understand and analyze the subsurface structures in the survey region. At least some of the disclosed systems and methods employ three-dimensional reverse time migration using wave equations adapted for use in formations having tilted transverse isotropy. Relative to existing methods, the disclosed systems and methods rely on fewer approximations and suffer fewer limitations on the circumstances in which they can be employed. Moreover, because the disclosed wave equations are derived from Hooke's law (and consequently they operate on fields that are directly tied to physical quantities), they demonstrate an increased stability relative to existing methods. Survey data analysts employing the disclosed systems and methods should obtain better images of the subsurface and be better able to identify reservoirs and deposits for commercial exploitation.

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





PCT

- (22) 07/02/2012
- (21) 0212/2012
- (44) October 2014
- (45) 15/03/2015
- (11) 26992

(51)	Int. Cl. ⁸ C07C 41/09, 41/42, 43/04 & B01J 8/02
(71)	 CATALYTIC DISTILLATION TECHNOLOGIES (UNITED STATES OF AMERICA) 3.
(72)	 LOESCHER, Mitchell, E 3.
(73)	1. 2.
(30)	1. (US) 12/540.165- 12-08-2009 2. (PCT/US2010/036510) - 28-05-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS FOR THE PRODUCTION OF DIMETHYL ETHER Patent Period Started From 28/05/2010 and Will end on 27/05/2030

(57) A process for the production of dimethyl ether from a methanol reactor effluent is disclosed. The process may include: contacting an aqueous extractant comprising water and an effluent from a methanol synthesis reactor comprising methanol and one or more of methane, water, carbon monoxide, carbon dioxide, hydrogen, and nitrogen. At least a portion of the methanol partitions into the aqueous extractant; recovering an extract fraction comprising the aqueous extractant and methanol. The extract fraction is fed to a catalytic distillation reactor system for concurrently: contacting the methanol with catalyst in a reaction zone thereby catalytically reacting at least a portion of the methanol to form dimethyl ether and water; and fractionating the resulting dimethyl ether and the water to recover a first overheads fraction comprising dimethyl ether and a first bottoms fraction comprising water.

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



PCT

(22) 12/09/2012

(21) 1572/2012

(44) October 2014

(45) 15/03/2015

(11) 26993

(51)	Int. Cl. 8 B22D 41/00
(71)	1. VESUVIUS GROUP S.A (BELGIUM) 2. 3.
(72)	 BOISDEQUIN M., Vincent COLLURA M., Mariano 3.
(73)	1. 2.
(30)	1. (EP) 10157128.9 – 19-03-2010 2. (EP) 10157129.7 - 19-03-2010 3. (PCT/US2011/001323) – 17/03/2011
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DEVICE FOR HOLDING AND REPLACING A CASTING PLATE IN A CASTING INSTALLATION, METALLIC CASING OF CASTING PLATE AND CASTING PLATE, PROVIDED WITH MEANS INTERACTING WITH A DEVICE DETECTOR

Patent Period Started From 17/03/2011 and Will end on 16/03/2031

(57) The invention relates to a device for holding and replacing a casting plate in a continuous casting installation metallurgical vessel. A detector-limit switch assembly automatically moves a casting plate to the casting position or to the sealing position, depending on whether a replacement plate is on standby on the device or not. The invention relates to a metallic casing of casting plate and a casting plate, provided with means interacting with the device detector.

Ministry of State for Scientific Research Academy of Scientific Research & Technology **Egyptian Patent Office**



EGYPT

PCT

(22) 12/09/2012

(21) 1571/2012

(44) October 2014

(45) 15/03/2015

(11) 26994

(51)	Int. Cl. ⁸ B22D 41/00
(71)	 VESUVIUS GROUP S.A. (BELGUM) 3.
(72)	 BOISDEQUIN, M. Vincent COLLURA, M. Mariano SIBIET, M. Fabrice
(73)	1. 2.
(30)	1. (EP) 10157126.3 - 19-03-2010 2. (PCT/EP2011/001326) - 17-03-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)INNER NOZZLE FOR TRANSFERRING MOLTEN METAL CONTAINED IN A VESSEL, SYSTEM FOR CLAMPING SAID **NOZZLE AND CASTING DEVICE**

Patent Period Started From 17/03/2011 and Will end on 16/03/2031

The invention relates to an inner nozzle to be mounted onto a tube exchange device for holding and replacing an exchangeable pouring nozzle for casting molten metal out of a vessel, said tube exchange device comprising a frame with a casting opening, said frame being suitable for being fixed to the lower side of a metal casting vessel and comprising a first, upper portion and a second, lower portion, joining at a middle section plane defining the plane where an inner nozzle and an exchangeable pouring nozzle form a sliding contact, - the upper side portion of the frame comprising means for receiving and clamping in place at its pouring position a bearing surface of an inner nozzle against a support portion of the upper side portion of the frame, such that the through bore of the inner nozzle is in fluid communication with the casting opening, and - the lower portion comprising means for loading and moving along a first direction into casting position an exchangeable pouring nozzle characterised in that at least two of the clamping means are arranged transverse to said first direction.

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

Egyptian Patent Office



- (22) 19/12/2012
- (21) 2089/2012
- (44) November 2014
- (45) 16/03/2015
- (11) 26995

(51)	Int. Cl. 8 G01V 1/00
(71)	 CGGVeritas Services SA (FRANCE) 3.
(72)	1. POOLE GORDON 2. 3.
(73)	1. 2.
(30)	1. (US) 61/578.777 - 21-12-2011 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DEVICE AND METHOD FPR DEGHOSTING VARIABLE DEPTH STREAMER DATA

Patent Period Started From 19/12/2012 and Will end on 18/12/2032

(57) CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] The present application is related to and claims the benefit of priority of U.S. Provisional Application 61/578,777, having the title? Device and Method for Deghosting Variable Depth Streamer Data," And being authored by G. Poole, the entire content of which is incorporated herein by reference.

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





PCT

(22) 08/02/2011

(21) 0223/2011

(44) October 2014

(45) 16/03/2015

(11) 26996

(51)	Int. Cl. 8 B60Q 1/00, 1/38
(71)	1. MARCOPOLO S.A. (BRAZIL) 2. 3.
(72)	1. MAINIERI, Edson Dalle Molle 2. 3.
(73)	1. 2.
(30)	1. (BR) MU 8801775-3 - 05-08-2008 2. (PCT/BR2009/000237) - 05-08-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CONSTRUCTIVE DEVICE IN HEADLIGHT FOR TRANSPORT **VEHICLE**

Patent Period Started From 05/08/2009 and Will end on 04/08/2029

(57) The present utility model provides a headlight for a transport vehicle that has a constructive device in a single part, comprising lighting elements and direction indicator (V, H) with led recesses. Since it is lit by leds and the shape of the combination is such that it allows a more compact structure, the direction indicator region provides a savings of parts, space, functional improvement in use and easier vehicle assembly process.

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





- (22) 12/10/2010
- (21) 1714/2010
- (44) November 2014
- (45) 17/03/2015
- (11) 26997

(51)	Int. Cl. ⁸ A61B 1//00
(71)	1. MOHAMAD LOTFEY MOHAMAD IBRAHIM (EGYPT) 2. 3.
(72)	1. MOHAMAD LOTFEY MOHAMAD IBRAHIM 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	UTILITY MODEL

(54) TUBE FOR TREATMENT OF SYRNGOMYLIA Patent Period Started From 12/10/2010 and Will end on 11/10/2017

(57) This is a new tube H shaped for treatment of cases of syrngomyelia and hydromyelia one limb of the H shaped tube is put inside the cavity of the spinal cord and the other limb remains outside the cord in the subarachnoid space this limb is 3 cm long. The limb inside the cord is 15 cm in length and is tailored during surgery to the syrngomyelic cavity after measuring the length of the cavity associated calibrated tube this tube is made from silicon and needs no fixations.

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



PCT

(22) 26/01/2012

(21) 0136/2012

(44) November 2014

(45) 22/03/2015

(11) 26998

(51)	Int. Cl. 8 A61K 47/36, 39/00, A61P 37/04, 9/10, 9/14 & A23K 1/18
(71)	1. VETECH LABORATORIES INC. (CANADA) 2. 3.
(72)	1. LEE, Eng-Hong 2. 3.
(73)	1. 2.
(30)	1. (CA) 2.647.143 - 28-07-2009 2. (US) 12/510.926 - 28-07-2009 3. (PCT/CA2010/001156) - 27-07-2010
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) STICKY SOFT GEL FOR TREATING POULTRY Patent Period Started From 27/07/2010 and Will end on 26/07/2030

(57) The present invention is directed to a composition, kit and method for delivering a soft flow able gel to a flock of poultry in barns, but can also be used in hatcheries or free range farms, for treating poultry with a therapeutic agent. The soft flow able gel comprises water, a gelling agent, a therapeutic agent and between about 0.05% and 0.15% xanthenes gum.

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

Egyptian Patent Office



PCT

(22) 16/08/2012

(21) | 1420/2012

(44) October 2014

(45) 22/03/2015

(11) 26999

(51)	Int. Cl. ⁸ C25B 11/04
(71)	1. INDUSTRIE DE NORA S.P.A (ITALY) 2. 3.
(72)	 BRICHESE, Marianna ANTOZZI, Antonio Lorenzo CALDERARA, Alice
(73)	1. 2.
(30)	1. (IT) MI2010A000268 – 22/02/2010 2. (PCT/EP2011/052542) – 21/02/2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)ELECTRODE FOR ELECTROCHEMICAL PROCESSES AND METHOD FOR OBTAINING THE SAME

Patent Period Started From 21/02/2011 and Will end on 20/02/2031

(57) An electrode suitable for use as hydrogen-evolving cathode in electrolytic processes is obtained by thermal decomposition of a precursor consisting of an acetic solution of nitrates of ruthenium and optionally of rare earths. The electrode displays a low cathodic hydrogen evolution over potential, an improved tolerance to current reversal phenomena and a high duration in industrial operating conditions.

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

Egyptian Patent Office



PCT

(22) 17/11/2011

(21) 1951/2011

(44) October 2014

(45) 23/03/2015

(11) 27000

(51)	Int. Cl. 8 C07D 409/12 & A61K 38/05 & A61P 25/00
(71)	1. MALESCI ISTITUTO FARMACOBIOLOGICO S.P.A. (ITALY) 2. 3.
(72)	 BONACCORSI, Fabrizio FEDI, Valentina GIANNOTTI, Danilo
(73)	1. 2.
(30)	1. (IT) (MI2009A000897) - 21-05-2009 2. (PCT/EP2010/002884) - 11-05-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)PROCESS FOR THE PREPARATION OF IBODUTANT (MEN15596) AND RELATED INTERMEDIATES

Patent Period Started From 11/05/2010 and Will end on 10/05/2030

This invention relates to a novel process for synthesising the product ibodutant shown in the figure below, consisting of a small number of highyield steps involving reagents and solvents with low environmental impact, characterised by the coupling of two portions, compounds and, one of which is synthesised by coupling of 6-methyl-2benzo[b]thiophenecarboxylic acid with 1-amino-alpha-alpha-cyclopentan carboxylic acid and subsequent cyclization with oxazolone, while the other, compound, is obtained from suitable highly selective functionalisations of 4-aminomethylpiperidine.

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





- (22) |03/03/2013
- (21) 0350/2013
- (44) December 2014
- (45) 24/03/2015
- **(11)** | 27001

nt. Cl. ⁸ C07C 1/00, 700, 319/02 & C23C 2/02	
. Egyptian Petroleum Research Institute	
DR.Mohamed Abd Al-Azim Hegazy DR. Ali Abd El-aal Ali Abd El-aal PROF, DR. Gehad Genidy Mohamed	4. DR.Tamer Awad El-Sayed Ali 5. PROF.DR. EIEF MOHMOUD SAYED AZZAM
KHALED ABD EL ZAHER ALI	
	. Egyptian Petroleum Research Institute

(54) PREPARATION OF THIOL SURFACTANT MATERIALS CHARGED TO GOLD NANOPARTICLES AND APPLIED IN THE PREPARATION OF ION SELECTIVE ELECTRODES TO DETERMINE ZINC ION IN DIFFERENT WATER SURFACES

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

This patent deals with synthesized of novel dithiol surfactants namely, 1,4-bis(5mercaptopentyloxy)benzene (C5), 1,4-bis (6-mercaptohexyloxy)benzene (C6) and 1,4bis(8-mercaptooctyloxy)benzene (C8). The chemical structure of the synthesized dithiol surfactants was confirmed using FT-IR and 1HNMR spectroscopy. Gold nanoparticles solution with 20 nm diameter was prepared using trisodium citrate as reducing agent. The nanostructure of the synthesized dithiol surfactants was charged on gold nanoparticles. The self assembling of the synthesized surfactants on gold nanoparticles (AuNPs) was investigated using different techniques such as UV, XRD and TEM. The synthesized surfactants show ability for assembling on gold nanoparticles and form stable nanostructure with it. A new type of gold nanoparticles carbon paste ion-selective electrode (GNP-CPE) for the determination of Zn (II) is presented. Such electrode is applied for the potentiometric titration and hence determination of Zn (II) in water samples. The GNP-CPE shows a stable, near-Nernstian response for 1.0x10-10 to 1.0x10-1 mol L-1 Zn (II) at 25 & ordm;C over the pH range 2.5-8.1 with cationic slope 29.93 + 0.4. The lower detection limit is found to be 6.8 x10¹⁰; 10-10 mol L-¹ and response time of about 6 s. It exhibits adequate shelflife (6 months). The sensitivity of the proposed method is comparable with the atomic absorption spectrometry and it comes clear that the used method is as efficient as the proposed one, hence its ability of field measurements.

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

(74)

(12)

Patent



(22) 10/05/2009

(21) |0683/2009

(44) December 2014

(45) 24/03/2015

(11) 27002

(51)	Int. Cl. ⁸ G01B 19/26
(71)	1. THARWAT ABDUL-HAFIZ MOHAMED MANSOUR (EGYPT)
(11)	2.
	3.
(72)	1. THARWAT ABDUL-HAFIZ MOHAMED MANSOUR
(, -)	2.
	3.
(73)	1.
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	2.
(30)	1.
\ /	2.
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(54) SYNCHRONIZATION OF SYSTEM AUTOMATION HIJRI AND GREGORIAN CALENDAR

Patent Period Started From 10/05/2009 and Will end on 09/05/2029

(57) Synchronization of system (automated valuation) is a device used in the linkage between the time AD and AH, which shows the time and the accuracy of each year, month and day, hour, minute and second time AD (calendar year) and the corresponding year, month, day, hour, minute and second, by the Islamic calendar (lunar year), as well as shows the shape and size of the lunar crescent for the month of the lunar month, day as well as around the same time the date for the month and year and century, and today it shows the calendar of all times and the corresponding time in AH for thousands of years, as well as thousands of years to come and show the accuracy of all without delay or.

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

Egyptian Patent Office



- (22) 10/05/2009
- (21) 0682/2009
- (44) December 2014
- (45) 24/03/2015
- **(11)** | 27003

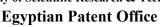
(51)	Int. Cl. ⁸ G04B 19/26
(71)	1. THARWAT ABDUL-HAFIZ MOHAMED MANSOUR (EGYPT) 2. 3.
(72)	1. THARWAT ABDUL-HAFIZ MOHAMED MANSOUR 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) MONITORING SYSTEM OF SOLAR AND LUNAR ALTAAMDAT ON THE SURFACE OF THE EARTH

Patent Period Started From 10/05/2009 and Will end on 09/05/2029

(57) This device is used for astronomical observation, which is where the sun and the monitoring of the changing location at all times as well as to monitor the movement of the moon recorded by monitoring the solar Altaamd Altaamd as well as on the surface the lunar globe to monitor the orientation angles and angles of direction and elevation angles, which helps to know every minute movement of the sun and the moon on the ground will also help in the implementation of perpendicular sunlight at any location in the world at any time, such as the sun is implementing such a work anywhere and prove that the earth is the center around which all of the sun and the moon and the abolition of the theory that the earth revolve around its axis around the sun.

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





- (22) 10/05/2009
- (21) 0684/2009
- (44) December 2014
- (45) 24/03/2015
- **(11)** | **27004**

(51)	Int. Cl. ⁸ G04B 19/26
(71)	1. THARWAT ABDUL-HAFIZ MOHAMED MANSOUR (EGYPT) 2. 3.
(72)	1. THARWAT ABDUL-HAFIZ MOHAMED MANSOUR 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) FUNCTION OF THE SOLAR SYSTEM TO MONITOR THE DECLINE OF THE SUN RING

Patent Period Started From 10/05/2009 and Will end on 09/05/2029

Solar function device which monitors the regression cyclic solar, which consists of a base mounted the water balance next to it. There is also another water balance on the front part of the base, an installed a compass to determine direction, This base mediates hemispherical cavity included several scales, for grading vertical to repel the course of the sun throughout the continental path, as well as to monitor the seaport over the horizontal The annual course of the sun over the continental shelf, and when Monitoring of the vertical scale shows the daily course from east to west and vice versa, as well as Monitor the horizontal scale shows the annual course from north to south and vice versa, as well as Monitoring of versa, and By monitoring the third continental orbit shows us the degree of the continental slope as the annular position of the sun Every certain period of time resulting in long- term climatic changes over several centuries This change of location of the sun through the annular gradient is the sole cause behind the phenomenon Greenhouse gases on the surface of the globe, and not the cause of the phenomenon of global warming is the pollution of the environment, such as vehicle exhaust or emissions from factories, as some claim, As well as the associated decline of the sun ring interpretation for many other natural Phenomena.

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

Egyptian Patent Office



PCT

(22) 01/08/2012

(21) | 1354/2012

(44) October 2014

(45) 29/03/2015

(11) 27005

(51)	Int. Cl. ⁸ H01L 31/045
(71)	1. PRO D3 S.R.L. (ITALY) 2. 3.
(72)	 Sentinelli Sergio D'Uffizi Marco Sbardella Andrea
(73)	1. 2.
(30)	1. (IT) RM2010U000015 - 04-02-2010 2. (PCT/IT2011/000028) - 03-02-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) MOBILE SOLAR POWER-GENERATING SYSTEM Patent Period Started From 03/02/2011 and Will end on 02/02/2031

A mobile solar power-generating system comprises a prismatic container having a top wall, a bottom wall and side walls. A central photovoltaic panel is supported in a tiltable manner on the top wall by supporting means, on each of the sides of the central photovoltaic being hinged a correspondent transversal ph tovoltaic panel hanging downward in a rest position and being able to rotate 90 degrees upward. On a side of each transversal photovoltaic panel is hinged a side photovoltaic panel that is designed to fold down with respect to the relevant transversal photovoltaic panel. Mutual engagement means are provided for keeping coplanar the transversal photovoltaic panels and the side photovoltaic panels to the central photovoltaic panel when the power-generating system is in an operating position.

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

Egyptian Patent Office



PCT

(22) 14/12/2011

(21) 2097/2011

(44) December 2014

(45) 30/03/2015

(11) 27006

(51)	Int. Cl. ⁸ F03G 6/06 & E04H 5/12 & F24J 2/07 & F28C 1/00
(71)	1. ABENGOA SOLAR NEW TECHNOLOGIES, S.A. (SPAIN) 2. 3.
(72)	 OLAVARRIA RODRIGUEZ-ARANGO, Rafael GARCIA RAMIREZ, Elena BARRAGAN JIMENEZ, Jose
(73)	1. 2.
(30)	1. (ES) (P200901460) - 19-06-2009 2. (PCT/ES2010/000269) - 18-06-2010 3.
(74)	SOHAIR, SAMIA, SALWA
(12)	Patent

(54)TOWER FOR SOLAR CONCENTRATION PLANT WITH NATURAL DRAUGHT COOLING

Patent Period Started From 18/06/2010 and Will end on 17/06/2030

(57) Solar concentration plant placed on tower technology in which the tower is used not only to equate the receiver devices at great height but also as a natural-draft cooling system. The tower is hollow and has a hyperboloid structure that may exceed 200m in height, accommodating devices for receiving saturated or superheated steam in cavities with different orientations. There is dynamic control for adapting the heliostat field so that the heliostats can be focussed on different focal points for producing electricity, producing process heat, producing solar fuels or for application to thermochemical processes.

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

Egyptian Patent Office



PCT

(22) 24/09/2012

(21) 1634/2012

(44) December 2014

(45) 30/03/2015

(11) 27007

(51)	Int. Cl. 8 C11D 1/62, 3/00, 3/20	
(71)	1. EVONIK DEGUSSA GMBH (GERMANY) 2. 3.	
(72)	 KÖHLE, Hans-Jürgen SCHÖPPNER, Matthias EULER, Axel JAKOB, Harald MELEDATHU, Saji John 	6. KURTH, Todd L.7. YOUNG, Delbert G.8. HAMANN, Ingo9. SCHICK, Georg
(73)	1. 2.	
(30)	1. (US) 61/319,997 - 01-04-2010 2. (PCT/EP2011/054282) - 22/03/2011 3.	
(74)	REZK, SOHEER, MICHEAL	
(12)	Patent	

(54) FABRIC SOFTENER ACTIVE COMPOSITION Patent Period Started From 22/03/2011 and Will end on 21/03/2031

- (57) A fabric softener active composition,
 - a) from 65 to 95 % by weight of a bis- (2-hydroxyethyl) dimethylammonium chloride fatty acid ester having a molar ratio of fatty acid moieties to amine moieties of from 1.80 to 1.96, an average chain length of the fatty acid moieties of from 16 to 18 carbon atoms and an iodine value of from 0 to 50,
 - b) from 2 to 8 % by weight of a fatty acid triglyceride having an average chain length of the fatty acid moieties of from 10 to 14 carbon atoms and an iodine value of from 0 to 15, and
 - c) From 3 to 12 % by weight of an alcohol selected from ethanol, 1-propanol and 2-propanol.

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

Egyptian Patent Office



- (22) 10/12/2007
- (21) 0642/2007
- (44) December 2014
- (45) 30/03/2015
- **(11)** | **27008**

(51)	Int. Cl. ⁸ G06F 19/00
(71)	1. MAHROUS MOHAMED MOHAMED EL-KARAMITY (EGYPT) 2.
	3.
(72)	1. MAHROUS MOHAMED MOHAMED EL-KARAMITY
()	2.
	3.
(73)	1.
(-)	2.
(30)	1.
()	2.
	3.
(74)	
(12)	Patent

(54) AN AUTOMATICALLY METHOD FOR DOING THE ELECTRIC NETWORKS PERFORMANCE INDICATORS

Patent Period Started From 10/12/2007 and Will end on 09/12/2027

(57) It is an automatically method instead of repeated human work for input a group of variables for electric network such as a programmable work, tripping, loads Etc, of the network component. By the computer operators for this purposes as the required arrangement of different voltages and capacities of the network component. In the special designed computer programs entrance. The automatically output immediately occur. For local geographic area. All local computers connected together as network to main server to do the national electric networks performance indicators automatically. As explained in Arabic total description.

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





PCT

(22) 08/06/2008

(21) | 0949/2008

(44) October 2014

(45) 31/03/2015

(11) 27009

(51)	Int. Cl. ⁸ E 03 B3/28
(71)	1. Adir Segal, LTD. (ISRAEL) 2.
	3.
(72)	1. FORKOSH, Dan
	2.
	3.
(73)	1.
	2.
(30)	1. (US) 748.123/60 - 07-12-2005
,	2. (PCT/IB2006/003523) - 07-12-2006
	3.
(74)	HODA AHMEDABDEL HADY
(12)	Patent

SYSTEM AND METHOD FOR MANAGING WATER CONTENT IN A FLUID

Patent Period Started From 07/12/2006 and Will end on 06/12/2026

(57) A system and method for managing water content in a fluid includes 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 second evaporator cools the second fluid to extract the water. The evaporators use a refrigerant, the flow of which is controlled by a flow control valve. When the temperature in the second evaporator drops below a set point, the refrigerant flow to the second evaporator is stopped, and the refrigerant flow to the first evaporator is increased. This increases the water collection in the collection chamber, and causes a rise in the temperature in the second evaporator. The valve is then opened to increase the cooling in the second evaporator.

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





PCT

(22) 14/09/2011

(21) 1525/2011

(44) October 2014

(45) 31/03/2015

(11) | **27010**

(51)	Int. Cl. ⁸ C23C 16/40, 16/44, & B01D 53/00 & C03C 17/245
(71)	 PPG INDUSTRIES OHIO, INC (UNITED STATES OF AMERICA) 3.
(72)	 LOZANO, Wagner R., 3.
(73)	1. 2.
(30)	1. (US) 414818/12 - 31-03-2009 2. (PCT/US2010/028472) - 24-03-2010 3.
(74)	ABD ELHADY FOR IP
(12)	Patent

(54)RECOVERY OF MONOBUTYLTIN TRICHLORIDE Patent Period Started From 24/03/2010 and Will end on 23/03/2030

Monobutyltinchloride ("MBTC") is recovered from an effluent vapor stream of a chemical vapor deposition coating process practiced to deposit a fluorine doped tin oxide layer over a glass ribbon. The vapor stream is condensed to a temperature to increase the ratio of MBTC to water in the liquid condensate. The condensed liquid is stored in a phase separation tank (134) to separate the condensed liquid into at least two layers. The layers are individually removed from the phase separation tank, and the layer from the phase separation tank having a density equal to or greater than 80% the density of MBTC is further processed through a vacuum distilling operation to provide MBTC of an acceptable quality to use in the recovered MBTC in the coating process. The recovered MBTC is added to the coating precursors of the chemical deposition process.

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

Egyptian Patent Office



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- (22) 04/04/2012
- (21) 0622/2012
- (44) October 2014
- (45) 31/03/2015
- (11) 27011

(51)	Int. Cl. ⁸ G01V 1/16
(71)	1. GECO TECHNOLOGY B.V (NETHERLANDS) 2. 3.
(72)	 MUYZERT, Everhard EDME, Pascal .
(73)	1. 2.
(30)	1. (US) 573.301/12 - 05-10-2009 2. (PCT/ US 2010/051368) - 04-10-2010 3.
(74)	ABD ELHADI FOR IP
(12)	Patent

(54) SENSOR ASSEMBLY HAVING A SEISMIC SENSOR AND A DIVERGENCE SENSOR

Patent Period Started From 04/10/2010 and Will end on 03/10/2030

(57) A sensor assembly having improved characteristics for use in surveying a subterranean structure includes a divergence sensor for positioning at or below a ground surface, where the divergence sensor includes a container containing a material and a pressure sensor immersed in the material. In addition, the sensor assembly includes a single-component seismic sensor that is external to the container of the divergence sensor.

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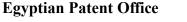
- (22) |13/12/2011
- (21) 2085/2011
- (44) October 2014
- (45) 31/03/2015
- (11) 27012

(51)	Int. Cl. 8 BO1J 21/04, 23/80, 35/00, 35/02, 37/00, 37/12, 37/18
(71)	1. JOHNSON MATTHEY PLC (UNITED KINGDOM) 2. 3.
(72)	 WILLIAMS, Brian, Peter PARK, Colin, William BUCKWORTH, David, Allan CAMPBELL, Graeme, Douglas
(73)	1. 2.
(30)	1. (GB) 0910364.9 - 17-06-2009 2. (PCT/GB2010/050843) - 24-05-2010 3.
(74)	ABD ELHADI FORIP
(12)	Patent

(54) CARBON OXIDES CONVERSION PROCESSS Patent Period Started From 24/05/2010 and Will end on 23/05/2030

(57) A carbon oxides conversion process is described, which comprises reacting a carbon oxide containing process gas containing hydrogen and/or steam and containing at least one of hydrogen and carbon monoxide in the presence of a catalyst comprising shaped units formed from a reduced and passivated catalyst powder said powder comprising copper in the range 10-80 % by weight, zinc oxide in the range 20-90% by weight, alumina in the range 5-60 % by weight and optionally one or more oxidic promoter compounds selected from compounds of Mg, Cr, Mn, V, Ti, Zr, Ta, Mo, W, Si and rare earths in the range 0.01 - 10 % by weight, wherein said shaped units have a reduced to as-made mean horizontal crush strength ratio of > 0.5: 1 and a copper surface area above 60m²/g Cu.

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





PCT

(22) 22/11/2009

(21) 1700/2009

(44) October 2014

(45) 31/03/2015

(11) 27013

(51)	Int. Cl. 8 C07C 29/151, 31/04
(71)	1. JOHNSON MATTHEY PLC (UNITED KINGDOM) 2. 3.
(72)	1. FITZPATRICK, Terence James 2. 3.
(73)	1. 2.
(30)	1. (GB) 20070525 - 25-05-2007 2. (PCT/GB2008/050332) - 06-05-2008 3.
(74)	ABD ELHADY FOR IP
(12)	Patent

(54) METHANOL PROCESS Patent Period Started From 06/05/2008 and Will end on 05/05/2028

(57) A process is described for the synthesis of methanol comprising the steps of: (a) passing a synthesis gas mixture comprising a loop gas and a makeup gas though a first synthesis reactor containing a methanol synthesis catalyst, said reactor cooled by boiling water under pressure, to form a mixed gas containing methanol, (b) cooling the mixed gas containing methanol, (c) passing said cooled mixed gas containing methanol through a second synthesis reactor containing a methanol synthesis catalyst in which further methanol is synthesised to form a product gas stream, (d) cooling said product gas to condense methanol, (e) recovering said methanol and returning unreacted gas as the loop gas to said first synthesis reactor, wherein the mixed gas containing methanol from the first synthesis reactor is cooled in heat exchange with either said loop gas or said make up gas. Preferably the make up gas, prior to combination with said loop gas, is heated in heat exchange with either said mixed gas containing methanol from the first synthesis reactor or said product gas, and then passed though a bed of desulphurisation material.

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

(74)

(12)

Patent



(22) 03/04/2012

(21) 0612/2012

(44) December 2014

(45) 31/03/2015

(11) 27014

(51)	Int. Cl. ⁸ A61L 9/03 & B01D 50/00 & F24F 1/00
(71)	1. HODA ATEF SHAKSHAK ABD- EL-MAGEED SHAKSHAK (EGYPT)
, ,	2.
	3.
(72)	1. HODA ATEF SHAKSHAK ABD- EL-MAGEED SHAKSHAK
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	3.
(73)	1.
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(30)	1.
(= •)	2.
	3.

(54) APPARATUS FOR CLEARING THE AIR FROM CO2, CONVERTING IT TO OXYGEN AND STERILIZE THE AIR

Patent Period Started From 03/04/2012 and Will end on 02/04/2032

(57) This invention is related to an apparatus for clearing the air from CO₂ and converts it to O₂. This occurs by passing the air on pot of peroxide which react with CO₂ in presence of CU CL₂ to produce O₂. Also the air passes through U.V tube for sterilize it from any microps. The devive consists of three main units; these units are filtration unit, chemical treatment unit and sterilization unit.

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PCT

(22) 08/06/2009

(21) 0867/2009

(44) December 2014

(45) 31/03/2015

(11) 27015

(51)	Int. Cl. ⁸ G01V 1/28	
(71)	1. CONOCOPHILLIPS COMPANY (UNITED STATES OF AMERICA) 2. 3.	
(72)	 EICK, Peter, M. BREWER, Joel, D. CHIU, Stephen, K. 	4. EMMONS, Charles, W.
(73)	1. 2.	
(30)	1. (US) 60/869,318 - 08-12-2006 2. (US) 60/888,938 - 08-02-2007 3. (US) 11/677,438 - 21-02-2007 4. (PCT/IB2008/000245) - 05-02-2008	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

DYNAMIC SOURCE PARAMETER SELECTION FOR SEISMIC VIBRATOR DATA ACQUISITION

Patent Period Started From 05/02/2008 and Will end on 04/02/2028

(57) A method and system of operating single vibrator source points for seismic data acquisition includes acquiring real-time field survey locations for a first plurality of seismic vibrators, determining at least one geometrical relationship between each of the first plurality of seismic vibrators as a function of the field survey locations, selecting a second plurality of seismic vibrators from the first plurality of vibrators as a function of the at least one geometrical relationship, selecting source parameter data for the second plurality of seismic vibrators as a function of the field survey locations and driving the second plurality of seismic vibrators to propagate seismic energy into the earth. A third plurality of vibrators is selected based on geometrical relationships and associated source parameters are determined based on vibrator locations. Multiple vibrator groups may acquire data continuously without interruption.

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GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED APRIL IN 2015"

Egyptian Patent Office

Issue No 227 MAY 2015

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(PATENT No. 27050)	(36)

(PATENT No. 27051)	(37)
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(PATENT No. 27053)	(39)
(PATENT No. 24054)	(40)
(PATENT No. 24055)	(41)

Preface

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

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

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

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

Bibliographic data

Bibliographic data	symbol
Patent Number	11
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Application Number	21
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Priority Number	
Priority Date	30
Priority Country	
Issuance Date	45
International Patent Classification	51
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Abstract	57
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Inventor Name	72
Patentee Name	73
Patent Attorney Name	74

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AR	Argentina
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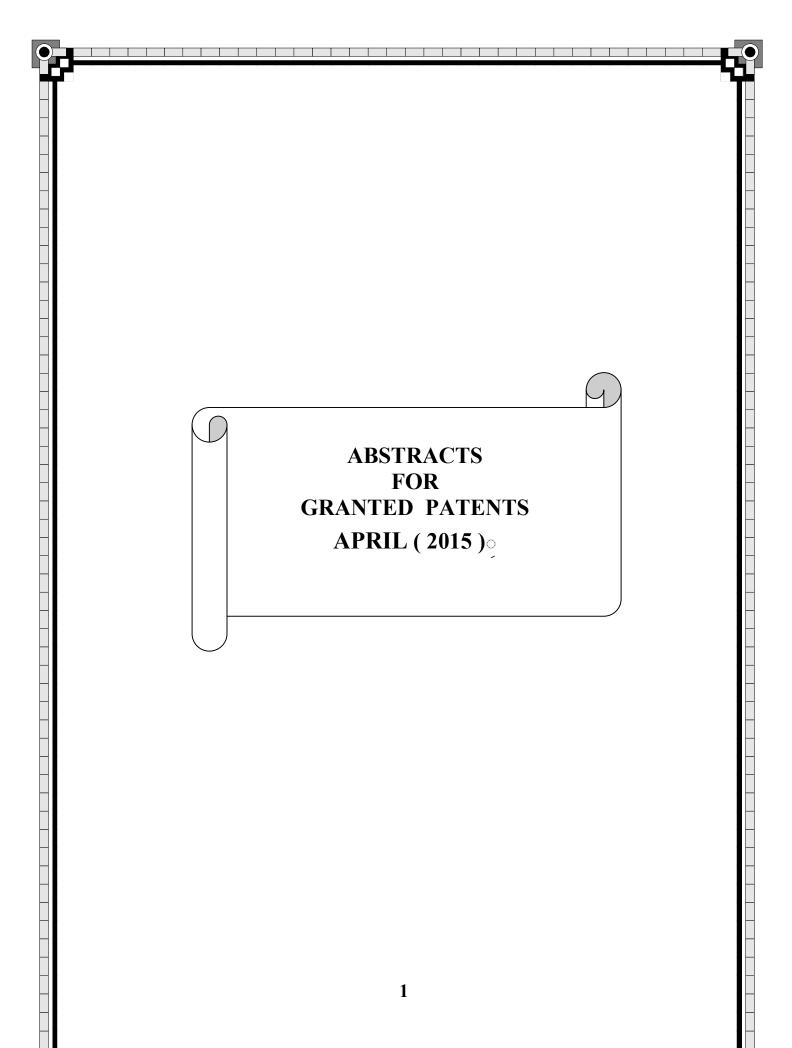
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MR MT	Mauritania Malta Maldives
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-	Maldives
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SO	Somalia
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SV	El Salvador
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TJ	Tajikistan
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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

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



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- (22) 01/02/2010
- **(21)** | 0171/2010
- (44) October 2014
- (45) 01/04/2015
- (11) 27016

(51)	Int. Cl. ⁸ C09K 1/00
(71)	1. MOHAMED YOUSSEF GAAFAR (EGYPT) 2. 3.
(72)	1. MOHAMED YOUSSEF GAAFAR 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	NAHED WADEA RIZK
(12)	Patent

(54) METHOD FOR HEAVILY COATING OF METALLIC TOILET SEAT FIXTURES BY PLASTIC MATERIAL

Patent Period Started From 01/02/2010 and Will end on 31/01/2017

(57) This invention relates to a way for thickly cladding of metal parts under very high pressure by injection technology of plastic material (ABS, ACETALS, PP, PE,...) in order to protect the metal from rust and thus corrosion due to the use in a very humid environment.

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

Egyptian Patent Office



PCT

(22) |12/03/2012

(21) 0437/2012

(44) December 2014

(45) 01/04/2015

(11) 27017

(51)	Int. Cl. 8 F25J 3/00			
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(72)	1. MARTINEZ, Tony, L	4. HUDSON, Hank, M		
(, =)	2. WILKINSON, John, D	5. CUELLAR, Kyle, T		
	3. LYNCH, Joe, T	, ,		
(73)	1. 2.			
(30)	1. (US) 61/244.181 - 21-09-2009 2. (US) 61/346.150 - 19-05-2010 3 (US) 61/351.045 - 03-06-2010 4. (US) 12/868.993 - 26-08-2010 5. (US) 12/869.139 - 26-08-2010			
	6. (US) 12/869.007 - 26-08-2010 7. (PCT/US2010/046967) - 27/08/2010			
(74)	NAHED WADEA RIZK			
(12)	Patent			

(54) HYDROCARBON GAS PROCESSING

Patent Period Started From 27/08/2010 and Will end on 26/08/2030

(57) A process and an apparatus for recovering heavier hydrocarbons from a hydrocarbon gas stream is disclosed. The stream is cooled and divided into first and second streams. The first stream is further cooled and divided into first and second portions. The first and second portions are expanded to the fractionation tower pressure and supplied to the tower at upper mid-column feed positions after the expanded second portion is heated. The second stream is expanded to tower pressure and supplied at a mid-column feed position. A distillation vapor stream is withdrawn above the feed point of the second stream, combined with a portion of the tower overhead vapor stream, compressed to higher pressure, and cooled to condense at least a part of it, forming a condensed stream. At least a portion of the condensed stream is expanded to tower pressure and directed to the tower as its top feed.

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

Egyptian Patent Office



PCT

- (22) 25/03/2013
- (21) 0492/2013
- (44) December 2014
- (45) 01/04/2015
- (11) 27018

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(71)	1. SVENSK CELLARMERING FABRIK AB (SWEDEN) 2. 3.
(72)	1. PERSSON, Johan 2. 3.
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(74)	NAHED WADEA RIZK
(12)	Patent

REINFORCEMENT ELEMENT FOR CASTING COMPRISING (54)RING SHAPED PORTIONS AND REINFORCEMENT WITH SUCH REINFORCEMENT ELEMENTS

Patent Period Started From 12/10/2011 and Will end on 11/10/2021

(57) Reinforcement element for being positioned within a cast to elastically withstand tensile loads thereon, said reinforcement element comprising a plane sheet-or plate-shaped body of at least one row of consecutively coupled ring-shaped portions.

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

Egyptian Patent Office



PCT

- (22) 02/11/2011
- (21) 1858/2011
- (44) December 2014
- (45) 01/04/2015
- (11) 27019

(51)	Int. Cl. 8 B01J 21/12, 23/10 & C07C 41/09, 41/42, 43/04	
(71)	1. ENN XINNENG (BEIJING) TECHNOLOGY CO., LTD (CHINA) 2. 3.	
(72)	 CHANG, Junshi SHI, Lijie LIU, Xuefei 	4. ZHANG, Jianxiang
(73)	1. 2.	
(30)	1. (CN) 200910084410.8 – 15-05-2009 2. (PCT/CN2010/072714) - 13-05-2010 3.	
(74)	NAHED WADEA RIZK	
(12)	Patent	

(54) METHOD FOR TWO-STAGE PRODUCTION OF DIMETHYL **ETHER**

Patent Period Started From 13/05/2010 and Will end on 12/05/2030

(57) Provided is a method for the two-stage production of dimethyl ether, which is characterized in that two reactors filled respectively with separate catalysts having different performances for dimethyl ether are connected in series, greatly increasing methanol conversion per pass. characteristic lies in a method for optimizing the reasonable distribution and utilization of the heat of reaction.

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





PCT

(22) 25/09/2011

(21) 1604/2011

(44) October 2014

(45) 02/04/2015

(11) | 27020

(51)	Int. Cl. ⁸ E05B 47/00, 49/00
(71)	1. S0MYUNG C0. LTD (REPUBLIC OF KOREA) 2.
	3.
(72)	1. Kong, You-Sang
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(73)	1. THE KOREA DEVELOPMENT BANK REPUBLIC OF KOREA)
. ,	2.
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	2. (PCT/KR2010/001817) - 24-03-2010
	3.
(74)	EL-SHALKANY OFFICE FOR LEGAL & LAW FIRM
(12)	Patent

(54) ELECTRIC DOOR-LOCKING APPARATUS, AND ELECTRIC DOOR COMPRISING SAME

Patent Period Started From 24/03/2010 and Will end on 23/03/2030

(57) The present invention provides an electric door-locking apparatus, and an electric door comprising same. The electric door-locking apparatus according to the present invention comprises: a locking switch arranged at a door frame to check the locked status of an electric door body when the electric door body is closed; a screw rotatable in the forward and backward directions; a locking roller guide arranged at the door frame in the vicinity of the screw; and a sliding unit, one end of which is rotatably connected to the screw and the other end of which is connected to the electric door body. The electric door-locking apparatus according to the present invention has a structure which enables simple and easy operation, improves the reliability of the locking function, reduces the risk of failure and erroneous operation, and enables easy manufacture and maintenance to reduce manufacturing costs and maintenance costs as compared to conventional apparatuses.

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

Egyptian Patent Office



PCT

(22) 20/07/2009

(21) 1109/2009

(44) December 2014

(45) 02/04/2015

(11) 27021

(51)	Int. Cl. 8 B02C 18/00
(71)	1. AGRIC ENG RESEARCH INSTIYUTE (AENRI) 2. 3.
(72)	1. MAGDY AHMED BAIOMY 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)DESIGN AND FABRICATION A LOCALLY SHREDDER MACHINE TO CUT CROP AND HORTICULTURE RESIDUES

Patent Period Started From 20/07/2009 and Will end on 19/07/2029

- (57) Crop residues are considered among the most important materials in Egypt, e.g. especially cotton stalks, corn stalks rice straw and tree branch. There are many types and make of the imported choppers to Egypt to assist in recycling the field crop residues. The main objectives of this design were:
 - 1- Design cutting machine to increasing the efficiency and increasing the productivity.
 - 2- Producing and fabricating locally machine.
 - 3- Testing and evaluating the shredder machine after designing and fabricating.

The designed machine was fabricated from local materials at a private sector company. The cutting drum was designed; flail knives were mounted on the circumstance of a pipe drum. The fan was designed to have direct central suction. The designed locally manufactured machine was tested with cotton stalks, corn stalks and rice straw. The results were very good with cotton and corn stalks and the machine was successful with rice straw, tree branch. The main capacities were as follows: 1200 kg/hr, 800. 1100 kg/hr (max. machine capacity) for cotton stalks, corn stalks and rice straw, respectively. The maximum chopping power requirement were 30 k^w (40 hp). The size of the cut materials varied between 5 mm to 30 mm.

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





PCT

(22) 24/12/2012

(21) 2121/2012

(44) December 2014

(45) 02/04/2015

(11) 27022

(51)	Int. Cl. ⁸ B41F 9/02
(71)	1. KBA-NOTASYS SA (SWITZERLAND) 2. 3.
(72)	 SCHAEDE, Johannes, Georg TÜRKE, Thomas SCHAEDE, Johannes, Georg
(73)	1. 2.
(30)	1. (EP) 10167431.5 - 25-06-2010 2. (PCT/IB2011/052791) - 24-06-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) INSPECTION SYSTEM FOR IN-LINE INSPECTION OF PRINTED MATERIAL PRODUCED ON AN INTAGLIO PRINTING PRESS

Patent Period Started From 24/06/2011 and Will end on 23/06/2031

(57) There is described an inspection system for in-line inspection of sheet or web material on an intaglio printing press, wherein the inspection system comprises an optical quality control apparatus for carrying out inspection of a printed area on a printed side of the sheet or web material, the optical quality control apparatus including a camera system with one or more camera units each comprising at least one line-scan camera for scanning and acquiring an image of the printed area while the sheet or web material is being transported in the intaglio printing press past the camera system. A location of the at least one line-scan camera in the intaglio printing press along a delivery path of the sheet or web material is such that cyclical vibrations that spread periodically throughout the intaglio printing press during operation of the intaglio printing press do not occur while the camera system is scanning the printed area of the sheet or web material and acquiring a complete image of the printed area.

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





- (22) 18/01/2011
- (21) 0117/2011
- (44) October 2014
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- (11) 27023

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(73)	1. 2.	
(30)	1. (US) 12.657.412 - 20-01-2010 2. (US) 12.798.594 - 07-04-2010 3.	
(74)	MOHAMAD KAMEL MOSTAFFA	
(12)	Patent	

(54) DIP-BASED CORRECTIONS FOR DATA RECONSTRUCTION IN THREE-DIMENSIONAL SURFACE-RELATED MULTIPLE PREDICTION

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

(57) A best fitting trace in seismic data is determined for a desired trace to be reconstructed. A dip-based correction is calculated per trace and per sample for differences in azimuth common midpoint coordinates and offset between the best fitting trace and the desired trace. The dip-based correction is applied to the best fitting trace to reconstruct the desired trace for 3D surface-related multiple prediction.

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

Egyptian Patent Office



(22) 03/04/2004

(21) 0153/2004

(44) | September 2014

(45) 05/04/2015

(11) | 27024

(51)	Int. Cl. 8 C07K 14/79, 1/14 & C21N 15/63
(71)	1. CITY OF SCIENTIFIC RESEARCH AND TECHNOLOGICAL APPLICATIONS (EGYPT) 2.
	3.
(72)	1. DR.EL-RASHDY M. MOHAMED
(12)	2.
	3.
(73)	1.
(13)	2.
(30)	1.
(,	2.
	3.
(74)	HUSAIN ALI HUSAIN (REPRESENTATIVE)
(12)	Patent

(54) NATURAL OR RECOMBINANT PROTEINS FOR TREATMENT AND DIAGNOSIS OF HEPATITIS C VIRUS.

Patent Period Started From 03/04/2004 and Will end on 02/04/2024

Lactoferrin (LF) is a member of the transferring gene family, which produce a glycoprotein with molecular weight 60-85 KDa with high degree of homology between different mammalian species. LF is net positive charged single polypeptide chain, folded in twosymmetric globular lobes (N- and C-lobe).LF can bind Fe2+, Fe3+,Cu2+, Zn2+,Mn2+ ions. Epithelial cells at the mucosa of many mammalian species produce LF at 7 gram/L colostrums or 2-3g/L normal milk. Or other secretion. LF have a very strong activity against bacterial cells (gram positive or negative), anti-viral, anti-fungal and very smooth strong anti-inflammatory activity. In addition to its very nice and clear immune-regulating action. We were treat and prove the all above anti-activity action of LF in addition to its activity against hepatitis C virus (HCV). It ca reduce the viral load and regulate the patient liver enzymes into to the normal levels within 3-6 months during the treatment. LF fragments (10-30 KDa) will not have a comparable action like the complete LF in vivo and in vitro. These small peptides ave us a very strong anti-bacterial, anti-fungal and anti-inflammation activity. We deices an expression vector to produce recombinant LF and/or its active peptides. The expression yield was 0.5-1.5 gram/L and the produced products were comparable to the natural materials n the activity against the virus, bacteria, fungus. We were device a new and simple method for LF purification from human, bovine, camel sheep, goat buffalo colostrums and /or milk and recombinant LF. It was mainly based immunoaffinity device, yielded an active LF proteins and /or peptides. LF or its peptides can take as tablets or injection material. It can used as cream or ointment to treat wounds and/or superficial microbial infection. We were used the recombinant LF as its peptides or recombinant parts as binding materials for HCV envelopes E1 and E2for diagnosis of the viral antigens. The LF can binds both E1 and E2 with highly af

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Egyptian Patent Office



PCT

(22) 29/08/2012

(21) 1468/2012

(44) November 2014

(45) 05/04/2015

(11) 27025

(51)	Int. Cl. ⁸ E02D 29/02
(71)	1. KEYSTONE RETAINING WALL SYSTEMS, INC (UNITED STATES OF AMERICA) 2. 3.
(72)	 FRIEDERICHS, Joseph MORITZ, Craig MORITZ (Craig)
(73)	1. 2.
(30)	1. (US) 61/310,466 - 04-03-2010 2. (PCT/US2011/027031) - 03-03-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	RETAINING WALL
	Patent Period Started From 03/03/2011 and Will end on 02/03/2013

(57) A retaining wall, having blocks, said blocks being locked together by channel bars.

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

Egyptian Patent Office



PCT

(22) |27/09/2012

(21) 1676/2012

(44) December 2014

(45) 05/04/2015

(11) | 27026

(51)	Int. Cl. ⁸ F27D 1/16 & B01J 8/00	
(71)	 OTKRYTOE AKTSIONERNOE OBSCHEST UREA AND ORGANIC SYNTHESIS PRODU 	
(72)	 CHIRKOV, Aleksandr Vasilievich CHUPRAKOV, Boris Vladimirovich GOLOVIN, Yury Aleksandrovich 	4. TUZOV, Aleksei Konstantinovich
(73)	1. 2.	
(30)	1. (RU) 2010112009 - 29-03-2010 2. (PCT/RU2011/000173) - 18-03-2011 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) DEVICE FOR REPAIRING AN APPARATUS LINING Patent Period Started From 18/03/2011 and Will end on 17/03/2031

(57) The invention relates to a device for repairing a corrosion-resistant lining of chemical apparatuses and towers. The device comprises a support and a system of levers which are arranged symmetrically relative to an axis passing through the centre of the support. Each of the levers consists of three members which are interconnected in an articulated manner. The device comprises a central telescopic rod, one end of which is fixed to the support while a suspension support is connected to the other end. Each of the levers is connected in an articulated manner on one side to the support and is connected in an articulated manner on the other side to the suspension support. The central member of each lever is equipped with a supporting roller which is rotatable about the axis thereof. The use of the invention enables the construction of a high-quality and even lining along the perimeter of an apparatus body.

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



(22) 29/06/2008

(21) 1117/2008

(44) December 2014

(45) 06/04/2015

(11) | 27027

(51)	Int. Cl. ⁸ E05D 15/02
(71)	1. ASHRAF EL MELOUK ABDEL HAFIZ YOUSSEF (EGYPT) 2. 3.
(72)	 ASHRAF EL MELOUK ABDEL HAFIZ YOUSSEF 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) AUTOMATIC SYSTEM FOR SPEEDING UP OF ENTRY AND EXIT IN A CROWDED PLACE (THE HOLY QEBLA)

Patent Period Started From 29/06/2008 and Will end on 28/06/2028

(57) A new method for helping more Muslems around "Kaaba" to take chance to kiss the "Al Assad Stone" without the "over crowding" trouble. And that can be achieved by taking serial numbers for this wish or purpose, from outside the "Tawaf" area. This to take place on a large circle revolving circularly in front of the happiest stone "Al Assaad Stone". This circle is divided into about 10 partitions, each is to be occupied by one person; During the movement of the circle, one person only will be presented at "Al Assaad Stone". After kissing "Al Assaad Stone" he will be revolved outside the circulation; the next person to come, takes his place successively. This way produces a chance five times the normal way does.

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

Egyptian Patent Office



PCT

(22) 16/03/2008

(21) 0447/2008

(44) December 2014

(45) 06/04/2015

(11) 27028

(51)	Int. Cl. 8 C01F 11/18 &C09C 1/02 ,3/04
(71)	1. OMYA INTERNATIONAL AG (SWITZERLANDS) 2.
	3.
(72)	1. RAINER, Christian
	2. POHL, Michael
	3.
(73)	1.
, ,	2.
(30)	1. (EP) 0507713.8 - 16-09-2005
,	2. (PCT/IB2006/002655) - 12-09-2006
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)PROCESS OF MANUFACTURING A CO-GROUND CALCIUM CARBONATE MATERIAL OF THE GCC AND PCC TYPE WITH A SPECIFIC STEEPNESS FACTOR, OBTAINED PRODUCTS AND THEIR USES

Patent Period Started From 12/09/2006 and Will end on 11/09/2026

(57) An object of the present invention is to provide a process to obtain a calcium carbonate material comprising GCC and PCC, with a specific steepness factor (defined as d30 / d70 x 100, where dx is the equivalent spherical diameter relative to which x % by weight of the particles are finer) of at least about 30, preferably of at least about 40, and most preferably of at least about 45, in a cost efficient manner, wherein GCC and PCC are co-ground, possibly with at least another mineral material. An other object of the present invention lies in the the obtained co-ground calcium carbonate material in the form of an aqueous suspension and in the form of a dry product. An other object of the present invention lies in the uses of such products in any sector making use of mineral materials, and notably in the paper, paint and plastic industries.

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PCT

(22) 1009/2012

(21) 1560/2012

(44) December 2014

(45) 06/04/2015

(11) 27029

(51)	Int. Cl. 8 C04B 24/38, 28/02
(71)	1. CIMENTS FRANCAIS (FRANCE) 2.
	3.
(72)	1. FABBRIS, Faber
	2. MEHALEBI, Soraya
	3.
(73)	1.
. ,	2.
(30)	1. (FR) 1051812 - 15-03-2010
	2. (PCT/FR2011/050404) - 28-02-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)TEMPERATURE-STABLE LIQUID AQUEOUS POLYSACCHARIDE SUSPENSIONS AND USE THEREOF AS THICKENING AGENTS IN CEMENTITIOUS COMPOSITIONS

Patent Period Started From 28/02/2011 and Will end on 27/02/2031

(57) The invention relates to a liquid aqueous suspension of polysaccharide, containing a mass concentration of at least one polysaccharide of between 15 and 35 % in the form of partially hydrated particles dispersed in an aqueous solution of a strong base salt, excluding ammonium salts, with an ionic strength of between 1.25 mol/L and 15 mol/L, having a pH greater than 9 and containing at least one non-phyllitic crystalline mineral powder, referred to hereafter as filler, which is chemically inert in said aqueous suspension and which has a grain size of between 0.1 and 100 micrometres and an attapulgite in micronised form, said aqueous suspension being stable at least in a temperature range from 5 to 30 30 °C. The invention is suitable for use as an agent for thickening cementitious compositions.

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PCT

- (22) 25/11/2011
- (21) 1952/2012
- (44) December 2014
- (45) 06/04/2015
- **(11)** | 27030

(51)	Int. Cl. ⁸ H02J 3/18 & H0AM 5/44
(71)	1. NEW ENERGY POWER COMPANY(CHINA) 2. 3.
(72)	 ZHANG, Dongsheng 3.
(73)	1. 2.
(30)	1. (CN) 201010189994.8 - 25-05-2010 2. (PCT/CN2010/076116) - 18-08-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CONVERTING DEVICE OF ELECTRICAL ENERGY Patent Period Started From 18/08/2010 and Will end on 17/08/2030

(57) A converting device of electrical energy includes several single-phase bridge rectification circuits and several three-phase full-controlled bridge circuits. The first input terminals of the bridge rectification circuits are connected to output terminals of each phase of an AC power supplier relatively. The second input terminals of the bridge rectification circuits are connected each other. The two input terminals of each three-phase full-controlled bridge circuit are connected to the two output terminals of each bridge rectification circuit or connected to the two output terminals of each bridge rectification circuit via an inductance. When there is feedback of electrical energy from an electrical generation device to a power grid, the waveform coefficient of the current of the electrical generation device is improved, the harmonic wave is decreased, and the power factor is increased.

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PCT

(22) 11/04/2013

(21) 0617/2013

(44) November 2014

(45) 14/04/2015

(11) 27031

(51)	Int. Cl. ⁸ E02B 5/02
(71)	1. GSI GEOSYNTEC INVESTMENT B.V. (NETHERLANDS) 2. 3.
(72)	 SCUERO, Alberto 3.
(73)	1. 2.
(30)	1. (IT) MI2010A001877 - 14-10-2010 2. (PCT/EP2011/067930) -13-10-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD AND DEVICE FOR DRAINING OFF WATER SEEPED IN A SOIL UNDERLYING HYDRAULIC STRUCTURES

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

(57) A method and a device for draining off water seeped in a soil underlying a hydraulic structure, such as a canal, basin, dams and the like. A protective and waterproofing covering, is laid down on the bottom wall and side walls of the hydraulic structure, by providing the covering with one-way gravity drainage valves. The waterproof covering along the side walls, is anchored by a concrete ballast within a longitudinal trench, and by one or more tiltable concrete slabs overlapping the waterproof covering, in which the slab or slabs downwards extend from the anchoring ballast. The water seeped in the soil, having a level higher than that of the water in the hydraulic structure, flows off by gravity towards the one-way valves, along an interface between the waterproof geomembrane and the soil, slightly raising the tiltable concrete slab or slabs by pressure of the same water seeped into the soil, having a level greater than the level of the water into the hydraulic structure.

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



(22)	09/08/2010
	07/00/2010

(21) 1346/2010

(44) December 2014

(45) 07/04/2015

(11) 27032

(51)	Int. Cl. ⁸ G01F 1/72
(71)	1. ROLA SAMIR ABD EI – RAHMAN AFIFY (EGYPT)
	2.
	3.
(72)	1. ROLA SAMIR ABD EI – RAHMAN AFIFY
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(73)	1.
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(30)	1.
,	2.
	3.
(74)	
(12)	UTILITY MODEL

(54) A NEW METHOD FOR FLOW SIMULATION Patent Period Started From 09/08/2010 and Will end on 07/08/2017

(57) For a flow in a laboratory water Canal, a rod made of wood is loaded on the canal wall. A group of yarn strands are fixed on this rod from one end and the other end flows with water. - In case of no bluff body exists, the yarn strands flow parallel to each others. - In case of the existence of a bluff body and laminar flow, the yarn strands flow with leaving a space for two symmetrical eddies in the wake behind the bluff body which rotating in opposition to one another. - In case of the existence of a bluff body and turbulent flow, the two vortices breaks away from the cylinder and the yarn strands follow the vortex shedding. - To measure the frequency of these vortices in case of turbulent flow, the yarns oscillate with the shedding of these vortices and the time of a number of complete oscillations is estimated by using a stop watch. Dividing this number by its corresponding time gives the frequency of vortex shedding (several readings are taken to minimize the error).

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

Egyptian Patent Office



PCT

- (22) 07/08/2012
- (21) | 1380/2012
- (44) December 2014
- (45) 09/04/2015
- (11) 27033

(51)	Int. Cl. 8 H02K 33/00, 7/075 & H01F 3/00, 5/00, 7/18
(71)	1. MAGNETIC MILES, LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	1. MILES, Stephen 2. CRISTOFORO, Michael 3.
(73)	1. 2.
(30)	1. (US) 12/701,781 - 08-02-2010 2. (PCT/US2011/024018) - 08/02/2011 3.
(74)	AMR EBRAHEM ABDAALAH SALEM
(12)	Patent

(54) MAGNETICALLY POWERED RECIPROCATING ENGINE AND ELECTROMAGNET CONTROL SYSTEM

Patent Period Started From 08/02/2011 and Will end on 07/02/2031

(57) The instant invention provides a magnetically controlled reciprocating engine having a unique electromagnet control system. The engine is constructed and arranged to operate from a stored power source such as batteries to provide extended run times by controlling the power supplied to the electromagnets in a manner that controls heat generation within the electromagnetic coils, thereby increasing coil life. The control system is also capable of controlling engine speed and/or torque outputs to make the engine versatile for a wide variety of uses. The system is constructed and arranged to be utilized on new or pre-existing engines of various configurations and may be utilized in other industries or devices that benefit from the use of electromagnets.

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Egyptian Patent Office



PCT

(22) 18/10/2012

(21) 1781/2012

(44) December 2014

(45) 14/04/2015

(11) 27034

(51)	Int. Cl. 8 C08F 210/16	
(71)	1. CHEVRON PHILLIPS CHEMICAL COMPA 2. 3.	NY LP (UNITED STATES OF AMERICA)
(72)	 YANG, Qing MCDANIEL, Max, P BEAULIEU, William, B 	4. MARTIN, Joel, L 5. CRAIN, Tony, R
(73)	1. 2.	
(30)	1. (US) 12/762,414 - 19-04-2010 2. (PCT/US2011/032610) - 15-04-2011 3.	
(74)	SMAS INTELLECTUAL PROPERTY	
(12)	Patent	

(54) CATALYST COMPOSITION FOR PRODUCING HIGH Mz/Mw POLYOLEFINS

Patent Period Started From 15/04/2011 and Will end on 14/04/2031

(57) The present invention provides a polymerization process utilizing a dual ansa-metallocene catalyst system. Polymers produced from the polymerization process are also provided, and these polymers have a reverse comonomer distribution, a non-bimodal molecular weight distribution, a ratio of Mw/Mn from about 3 to about 8, and a ratio of Mz/Mw from about 3 to about 6.

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Egyptian Patent Office



PCT

(22) 16/10/2012

(21) | 1774/2012

(44) November 2014

(45) 14/04/2015

(11) 27035

(51)	Int. Cl. ⁸ E04D 13/18
(71)	1. ITALCEMENTI S.P.A (ITALY) 2. 3.
(72)	 ALFANI, Roberta CAPONE, Claudia PLEBANI, Marco
(73)	1. 2.
(30)	1. (IT) MI2010A000670 - 19-04-2011 2. (PCT/IB2011/051689) - 19-04-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

CEMENTITIOUS PRODUCT SUITABLE IN PARTICULAR AS (54)SUBSTRATE FOR A THIN FILM PHOTOVOLTAIC MODULE, AND METHOD OF PRODUCTION THEREOF

Patent Period Started From 19/04/2011 and Will end on 18/04/2031

(57) The present invention relates to a substrate for a thin film photovoltaic module, characterized in that it is a cementitious product with average surface roughness Ra not higher than 500 nm. The invention also relates to the cementitious product as such, the thin film photovoltaic module comprising it, and a method of moulding both of them.

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

Egyptian Patent Office



PCT

(22) 12/06/2009

(21) 0954/2009

(44) November 2014

(45) 14/04/2015

(11) 27036

(51)	Int. Cl. ⁸ C07C (229/36, 229/76) & C07D 213/38		
(71)	1. TRADECORP, S.A. (SPAIN) 2. 3.		
(72)	 SIERRA, Miguel A. GÓMEZ-GALLEGO, Mar ESCUDERO, Rosa. 	4. 5.	LUCENA, Juan J. GARCÍA-MARCO, Sonia
(73)	1. 2.		
(30)	1. (EP) 06127041.9 - 22-12-2006 2. (PCT/EP2007/064370) - 20-12-2007 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

ACHEMICAL COMPOSITION FOR THE TREATMENT OF PLANT (54)FROM IRON CHLOROSIS

Patent Period Started From 20/12/2007 and Will end on 19/12/2027

The present invention consists on the synthesis of new products for the treatment of the iron chlorosis. These products may have improved properties regarding the currently known treatments. The new products are non-symmetrical ethylene diamino hidroxyphenyl acetic acid derivatives possessing only five coordination sites able to chelate metals

Wherein x¹ is a a C₆ or C₁₀ aromatic system having a hydroxy group in he alpha position, being optionally substituted by up to four substituents independently selected from the group consisting of : phosphor, sulfa, halo, carboxy, acetoxy. C₁-C₄ alkoxy, linear or branched C_1 - C_4 alkyl, X^2 is a C_6 or a C_{10} aromatic system having a hydroxyl group in the alpha position, or a five or six membered heterocycle having in the alpha position a heteroatom selected from the group consisting of N, O and S, optionally comprising other N₂O or S atoms in their structure, and having from 0-3 double bonds, said aromatic, or heterocyclic system being optionally substituted by up to four substituents independently selected from the group consisting of : phosphor, suifo, halo carboxy, acetoxy, alkoxy linear or branched C₁-C₄ alkyl, and Y is (CH₂) n, or is a xylylene group.

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

Egyptian Patent Office



PCT

(22) 28/05/2012

(21) | 0956/2012

(44) November 2014

(45) 14/04/2015

(11) 27037

(51)	Int. Cl. ⁸ C04B 18/14, 28/08
(71)	1. ITALCEMENTI S.P.A (SPAIN) 2. 3.
(72)	 CANGIANO, Stefano PRINCIGALLO, Antonio 3.
(73)	1. 2.
(30)	1. (IT) MI2009A002105 - 30-11-2009 2. (PCT/EP 2010/068465) - 30/11/2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) HYDRAULIC BINDER COMPRISING A GROUND BLAST **FURNACE SLAG**

Patent Period Started From 30/11/2009 and Will end on 29/11/2029

(57) The present invention concerns a hydraulic binder comprising a ground blast furnace slag in an amount comprised between 30% and 95% by mass on the binder, Portland cement clinker in an amount equal to or greater than 5% by mass on the binder, and at least one sulphate as activator, characterised in that said slag has the following properties and composition by mass: grinding fineness greater than 4000 cm2/g Blaine glass content greater than 80% SiO2: 30-40% Al2O3: 9-13% CaO: 34-42% with a (CaO+MgO)/(Al2O3+SiO2) ratio greater than 1; and in that said sulphate is contained in a total amount, expressed as SO3, comprised between 0.6% and 4.5% by mass on the binder.

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PCT

(22) 06/12/2012

(21) 2022/2012

(44) November 2014

(45) 14/04/2015

(11) 27038

(51)	Int. Cl. ⁸ B04C 2/54, 2/06 & B28B 23/00
(71)	1. ITALCEMENTI S.P.A. (ITALY) 2.
	3.
(72)	 CANGIANO, Stefano CARMINATI, Aronne .
(73)	1. 2.
(30)	1. (IT) (MI2010A001046) - 10-06-2010 2. (PCT/EP2011/059591) - 09-06-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) COMPOSITE PANEL BASED ON CEMENTITIOUS MORTAR WITH PROPERTIES OF TRANSPARENCY

Patent Period Started From 09/06/2011 and Will end on 08/06/2031

(57) The present invention relates to a composite panel based on cementitious mortar, passed through its entire thickness by a plurality of through openings, each of which is filled with a material transparent to light in the form of a preformed plate housed in said opening, or formed in said opening, wherein said cement-based mortar contains at least 30 kg/m 3 of fibres selected from one or more of the following types: metallic fibres, steel fibres, glass fibres, polymeric resin fibres. The invention also relates to methods of production of said panel.

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



PCT

(22) 06/02/2011

- (21) 0182/2011
- (44) December 2014
- (45) 14/04/2015
- (11) 27039

(51)	Int. Cl. 8 C04B 14/30, 40/00 & B01J 35/00, 37/03 & C01G 23/00, 23/047
(71)	1. ITALCEMENTI S.P.A. (ITALY) 2. 3.
(72)	1. ANCORA, Renato 2. BORSA, Massimo 3. ILERMARCHI, Maurizio
(73)	1. 2.
(30)	1. (IT) (MI2008A001445) - 01-08-2008 2. (PCT/EP2009/005571) - 31-07-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PHOTOCATALYTIC COMPOSITES CONTAINING TITANIUM AND LIMESTONE

Patent Period Started From 31/07/2009 and Will end on 30/07/2029

(57) New photocatalytic product comprising compounds of titanium integrated with limestone. The product is obtained by reacting limestone with a suitable precursor of titanium dioxide in a basic solution, followed by accurately washing the solid obtained, drying it and calcining it. A composite is obtained containing limestone, titanium dioxide and calcium titanate. The composite thus obtained, used as such or in mixture with other components has shown an unexpectedly high photocatalytic activity.

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PCT

- (22) 20/06/2012
- (21) 1154/2012
- (44) October 2014
- (45) 15/04/2015
- (11) 27040

(51)	Int. Cl. 8 C09J 167/06, 11/04, 11/06, 11/08, 9/00 & E04G 23/02
(71)	1. WUHAN KEDA MARBLE PROTECTIVE MATERIALS CO., LTD (CNINA)
	2.
	3.
(72)	1. DU, Kunwen
	2. DU, Kunwu
	3.
(73)	1.
(-)	2.
(30)	1. (CN) 201010201018 08-06-2010
()	2. (PCT/CN2011/074041) - 13-05-2011
	3.
(74)	MAHMOUD RAGAEY EL DEKKI
(12)	Patent

(54) COLORED JOINTING ADHESIVE FOR STONE Patent Period Started From 13/05/2011 and Will end on 12/05/2031

(57) A colored jointing agent for stone is provided, which at least comprises 100 parts by weight of air-dried unsaturated polyester resin, 0 to 5 parts by weight of hydrogenated castor oil, 1 to 20 parts by weight of nano powder, 10 to 250 parts by weight of a filler and 1 to 15 parts by weight of an antishrinking agent. It overcomes disadvantages of conventional jointing adhesive made by common marble glue, such as low air drying performance, low antishrinking capacity, low penetrability and the like. The colored jointing agent for stone can be used to fill the gaps between constructional materials such as stones, tiles and the like.

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

Egyptian Patent Office



- (22) 23/11/2010
- (21) | 1973/2010
- (44) December 2014
- (45) 15/04/2015
- (11) 27041

(51)	Int. Cl. 8 C22B 5/02 & F27B 3/04
(71)	 PANGANG GROUP COMPANY LTD (CNINA) PANGANG GROUP PANZHIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD. (CNINA)
(72)	1. ZHAN JINLONG 2. 3.
(73)	1. 2.
(30)	1. (CN) 201010272988.9 - 06-09-2010 2. 3.
(74)	KHALED MAGDY MOKHTAR HAMADA
(12)	Patent

(54) METHOD OF MANUFACTURING DIRECT REDUCTION IRON AND REDUCTION FIRING APPARATUS

Patent Period Started From 23/11/2010 and Will end on 22/11/2030

The present invention provides a method of manufacturing direct reduction iron and a reduction firing apparatus. The apparatus may be a dual-chamber stepping reduction furnace a single chamber stepping reduction furnace or a single hearth down-draft reduction furnace wherein the dual-chamber stepping reduction furnace includes a left chamber a right chamber a material containing device a step mechanism a slag distributing device a charging device heating burners a fume extraction path, a charging device a material receiving tank having a sealing cap and a slag discharging path. The method mainly includes the following steps: distributing and charging the slag in the material containing device; carrying and sending the material containing device through a preheating station, a heating station and a reduction station sequentially by the step mechanism; meanwhile, heating the material to be reduced by a combustion of the fuel with the heating burners; discharging the reduced material into the material receiving tank having the sealing cap from the material device; placing the material device from which the material is discharged into the feeding side of the other chamber then a next work circulation begins. The present invention has features such as a small limitation of resources shortage, low energy consumption a low-carbon environment high production efficiency a low production cost, a high metallization rate, a long life-span of the apparatus and a wide range of production applicability and so on.

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



PCT

(22) 12/09/2011

(21) 1516/2011

(44) December 2014

(45) 15/04/2015

(11) 27042

(51)	Int. Cl. 8 B01J 8/06 & C07C 5/42
(71)	1. UHDE GMBH (GERMANY) 2. 3.
(72)	 HEINRITZ-ADRIAN, Max WENZEL, Sascha WENZEL, Sascha
(73)	1. 2.
(30)	1. (DE) 10 2009 012 663.5 - 13-03-2009 2. (PCT/EP2010/001238) - 01-03-2010 3.
(74)	SAMAR AHMED EL-LABBAD
(12)	Patent

(54) METHOD AND APPARATUS FOR A CONSTANT STEAM GENERATION FROM THE WASTE HEAT OF AN ALKANE DEHYDROGENATION

Patent Period Started From 01/03/2010 and Will end on 28/02/2030

(57) The invention relates to a method and to an apparatus for providing a steam flow as constantly as possible from an alkane dehydrogenation, wherein the method is performed by way of passing a hydrocarbon-containing gas through reactor tubes which can be filled with a catalyst, and wherein the reactor tubes closed towards the outside are guided through a heating chamber which can be heated by burners, and wherein the catalyst for the reaction is regenerated cyclically, wherein the reaction is endothermic and the catalyst regeneration is not endothermic, and wherein the main burners are reduced in power during the regeneration of the catalyst, wherein auxiliary burners are positioned at the inlet of the flue gas channel for the further generation of hot flue gas which continue producing hot flue gas during the regeneration of the catalyst, wherein said hot flue gas is used to generate steam as constantly as possible from the waste heat of the process.

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

Egyptian Patent Office



PCT

(22) 08/01/2012

(21) 0035/2012

(44) November 2014

(45) 15/04/2015

(11) 27043

(51)	Int. Cl. 8 E04F 11/16
(71)	1. KÜBERIT PROFILE SYSTEMS GMBH & CO. KG (GERMANY) 2. 3.
(72)	 SONDERMANN, Frank 3.
(73)	1. 2.
(30)	1. (DE) 2012009032673,1 - 09-07-2009 2. (DE) 202009017769,6 - 09-07-2009 3. (PCT/EP2010/056383) - 10-05-2010
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DEVICE FOR FIXING THE EDGE OF A FLOOR COVERING TO A PROFILED STRUCTURE

Patent Period Started From 10/05/2010 and Will end on 09/05/2030

(57) A device for the detachable fixing of the edge of a floor covering, provided with a profiled section, to a profiled structure bounding the floor covering, the profiled structure in particular being a stair edge profile having an angled tread profile and a base profile that can be fixed to a tread, and the angled tread profile having a tread leg with covering wings and an impact leg. A replaceable insert, detachably arranged such that the position thereof can be matched to the profile structure and constructed in the form of a profiled rail, is provided, on at least one of the two mutually opposite longitudinal edges of which is formed a retaining means, which interacts with the profiled section of the edge of the floor covering and which is at least partially formed so as to be complementary to the profiled section.

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

Egyptian Patent Office



PCT

(22) 12/12/2010

(21) 2093/2010

(44) November 2014

(45) 19/04/2015

(11) 27044

(51)	Int. Cl. 8 C07C 1/20 & B01J 29/40, 37/28	
(71)	1. TOTAL PETROCHEMICALS RESEARCH FELUY (BELGIUM) 2. 3.	
(72)	 NESTERENKO, Nikolai VERMEIREN, Walter GRASSO, Giacomo 	4. VAN DONK, Sander 5. GARCIA, Wolfgang
(73)	1. 2.	
(30)	1. (EP) 08158924.4 - 25-06-2008 2. (EP) 09154232.4 - 03-03-2009 3. (PCT/EP2009/057887) - 24-06-2009	
(74)	SMAS	
(12)	Patent	

(54)PROCESS TO MAKE OLEFINS FROM OXYGENATES Patent Period Started From 24/06/2009 and Will end on 23/06/2029

The present invention relates to a process to make light olefins, in a combined XTO-OC process, from an oxygen-containing, halogenidecontaining or sulphur-containing organic feedstock comprising : a) providing a catalyst comprising zeolitic molecular sieves containing 10 member and larger channels in their microporous structure, b) providing an XTO reaction zone, an OC reaction zone and a catalyst regeneration zone, said catalyst circulating in the three zones, such that at least a portion of the regenerated catalyst is passed to the OC reaction zone, at least a portion of the catalyst in the OC reaction zone is passed to the XTO reaction zone and at least a portion of the catalyst in the XTO reaction zone is passed to the regeneration zone; c) contacting said oxygenhalogenide-containing or sulphurcontaining organic containing. feedstock in the XTO reactor with the catalyst at conditions effective to convert at least a portion of the feedstock to form a XTO reactor effluent comprising light olefins and a heavy hydrocarbon fraction; d) separating said light olefins from said heavy hydrocarbon fraction; e) contacting said heavy hydrocarbon fraction in the OC reactor with the catalyst at conditions effective to convert at least a portion of said heavy hydrocarbon fraction to light olefins.

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

Egyptian Patent Office



PCT

(22) 09/12/2010

- (21) 2092/2010
- (44) November 2014
- (45) 21/04/2015
- (11) 27045

(51)	Int. Cl. ⁸ A61M 5/00
(71)	 RETRACTABLE TECHNOLOGIES, INC, (UNITED STATES OF AMERICA) SHAW THOMAS, J. (UNITED STATES OF AMERICA) 3.
(72)	 SHAW, Thomas, J SMALL, Mark ZHU, Ni
(73)	1. 2.
(30)	1. (US) 12/136.462 - 10-06-2008 2. (PCT/US2009/037742) - 20-03-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FLUID FLOW CONTROL DEVICE WITH RETRACTABLE CANNULA

Patent Period Started From 20/03/2009 and Will end on 19/03/2029

(57) A device having a housing; a cannula projecting fon/vardly from the housing; a connector useful for attaching the device to a fluid source or receptacle; a fluid flow path establishing fluid communication between the cannula and the connector; a retraction mechanism biasing the cannula away from its projecting position; and an actuator supported by the housing and configured to modify the fluid flow path so as to terminate fluid flow through the device, seal off the fluid flow path, and release the retraction mechanism to retract the cannula into the housing. The subject device is particularly preferred for use in the medical field, for example, as part of an infusion set or as a collection device for blood, or other fluids or flowable matter.

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

Egyptian Patent Office



PCT

- (22) 26/12/2012
- (21) 2142/2012
- (44) November 2014
- (45) 21/04/2015
- (11) 27046

(51)	Int. Cl. ⁸ C09K 8/36
(71)	1. M-I L.L.C. (UNITED STATES OF AMERICA) 2. 3.
(72)	 RIFE, Nathan YOUNG, Steven LEE, Lijein
(73)	1. 2.
(30)	1. (US) 61/360,391 - 30-06-2010 2. (PCT/US2011/042606) - 30-06-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FLAT RHEOLOGY WELLBORE FLUID Patent Period Started From 30/06/2011 and Will end on 29/06/2031

(57) Wellbore fluids comprising a flat rheology profile are disclosed herein. In one aspect, the invert emulsion wellbore fluid is formulated to include: an oleallinous fluid as the continuous phase of the invert emulsion well bore fluid, a non-oleaginous fluid as the discontinuous phase of the invert emulsion well bore fluid; an emulsifier; and a rheology modifier, wherein the rheology modifier is a polyamide formed by reacting an alcoholamine, a fatty acid, and polyamine, where the invert emulsion well bore fluid has a flat rheology profile.

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Egyptian Patent Office



EGYPT

PCT

(22) 14/05/2013

(21) 0822/2013

(44) December 2014

(45) 22/04/2015

(11) 27047

(51)	Int. Cl. 8 G01V 1/36
(71)	 BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 3.
(72)	 CHEN, Jianfeng YANG, Xudong
(73)	1. 2.
(30)	1. (US) 12/959,819 - 03-12-2010 2. (PCT/US2011/062642) - 30-11-2011 3.
(74)	NAHED WADEAA REZK TARZY
(12)	Patent

(54)SELF ADAPTIVE TWO DIMENSIONAL LEAST SQUARE FILTER FOR DISTRIBUTED SENSING DATA

Patent Period Started From 30/11/2011 and Will end on 29/11/2013

(57) A method, apparatus and computer-readable medium for filtering a signal from a plurality of distributed sensors is disclosed. The signal is obtained from the plurality of distributed strain sensors. A first subspace of a measurement space of the obtained signal is selected, wherein the first subspace is characterized by a step having a selected step size. An error for a filter corresponding to the first subspace is estimated and the step size when the estimated error meets a selected criterion. A second subspace characterized by a step having the adjusted step size is selected and the signal is filtered by applying a filter corresponding to the second subspace.

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

Egyptian Patent Office



PCT

(22) |24/10/2012

(21) 1822/2012

(44) December 2014

(45) 22/04/2015

(11) | 27048

(51)	Int. Cl. 8 H01H 33/91	
(71)	1. CHINA XD ELECTRIC CO., LTD (China 2. 3.	
(72)	1. ZHANG, Meng 2. LI, Xinyi 3. YANG, Peng	4. ZHANG, Xiaojing 5. MU, Shuanglu
(73)	1. 2.	
(30)	1. (CN) 201010262513.1 - 25-08-2010 2. (PCT/CN 2011/077969) 03/08/2011 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) ARC EXTINGUISH CHAMBER WITH HIGH CURRENT-CARRYING CAPABILITY FOR HIGH-VOLTAGE SWITCH EQUIPMENT

Patent Period Started From 03/08/2011 and Will end on 02/08/2031

(57) An arc extinguish chamber with high current-carrying capability for highvoltage switch equipment. An outermost layer of the arc extinguish chamber is an insulating support part with metal inserts at two ends, and comprises the metal inserts at the two ends thereof; a movable contact system and a static contact system of the arc extinguish chamber are arranged inside the insulating support part, and are coaxial with the insulating support part; and the metal insert at the static end of the insulating support part is connected with the static contact system of the arc extinguish chamber, and the metal insert at the movable end is connected with the movable contact system of the arc extinguish chamber. The arc extinguish chamber adopts the metal inserts guiding a current of a main loop to the insulating support part and the method for improving conductive part materials and structures in the main loop, so that the cross section of diversion is increased, the loop resistance is reduced, the radiating condition is improved, and the overall through-flow capability of the arc extinguish chamber is reinforced.

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PCT

(22) 01/09/2005

(21) PCT/NA2005/000507

(44) December 2014

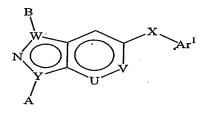
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(11) 27049

(51)	Int. Cl. 8 A61K	
(71)	1. ARRAY BIOPHARMA, INC. (UNIT 2. 3.	TED STATES OF AMERICA)
(72)	 MUNSON, Mark MARESKA, David, A. KIM, Youngboo GRONEBERG, Robert RIZZI, James RODRIGUEZ, Martha 	7. KIM, Ganghyeok 8. VIGERS, Guy 9. RAO, Chang 10. BALACHARI, Devan 11. HARVEY, Darren
(73)	1. 2.	
(30)	1. (DE) 10/378.164 - 03-03-2003 2. (DE) 10/688.849 - 15-10-2003 3. (PCT/US2004/005693) 25-02-2004	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) P38 INHIBITORS AND METHODS OF USE THEREOF Patent Period Started From 25/02/2004 and Will end on 24/02/2024

(57) This invention relates to inhibitors of p38, and methods for producing these inhibitors. The invention also provides pharmaceutical compositions comprising the inhibitors of the invention and methods of utilizing the inhibitors and pharmaceutical compositions in the treatment and prevention of various disorders mediated by p38.



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PCT

(22) 30/08/2012

(21) | 1478/2012

(44) November 2014

(45) 29/04/2015

(11) 27050

(51)	Int. Cl. ⁸ B63B 35/44, 7/06 & F24J 2/52
(71)	1. HELIOVIS AG (AUSTRIA) 2. 3.
(72)	1. HÖFLER, Johannes 2. 3.
(73)	1. 2.
(30)	1. (AT) A 356/2010 - 05-03-2010 2. (PCT/AT2011/000100) - 02-03-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FLOATING PLATFORM Patent Period Started From 02/03/2011 and Will end on 01/03/2031

Floating platform having a flat cover element and a sealing element, which is connected to the cover element, makes a sealing contact with a liquid surface during operation and encloses a closed cavity together with the cover element and the liquid surface or a bottom surface, in which cavity an overpressure which supports the cover element can be produced by a compressed-air production apparatus, with at least one circumferential wall being provided as the sealing element, and having a sealing section which projects into the liquid during operation.

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

Egyptian Patent Office



PCT

- (22) 24/06/2010
- (21) |1091/2010
- (44) November 2014
- (45) 29/04/2015
- (11) 27051

(51)	Int. Cl. 8 F16L 58/02, 58/10, 9/147 & B29C 43/00 & B05D 7/22
(71)	 PILUGIN, Alexandr Nikolaevich (RUSSIAN FEDERATION) ZAMALEEV, Firdaus Usmanovich (RUSSIAN FEDERATION) GAYSIN, Malik Favzavievich (RUSSIAN FEDERATION)
(72)	 PILUGIN, Alexandr Nikolaevich ZAMALEEV, Firdaus Usmanovich GAYSIN, Malik Favzavievich
(73)	1. 2.
(30)	1. (RU) 2007149567 - 27-12-2007 2. (PCT/RU2009/000047) - 04-02-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) TUBING WITH AN INNER COATING PROTECTING IT AGAINST DEPOSITS AND A METHOD FOR APPLYING SAID **COATING**

Patent Period Started From 04/02/2009 and Will end on 03/02/2029

(57) The invention relates to the oil-producing industry and is directed at protecting against asphaltic-resin-paraffin deposits on the inner surface of tubings. A polyurethane coating, the surface of which becomes glossy after hardening, is applied on the inner wall of the tubing. The coating is applied on the pre-cleaned and degreased inner wall of the tubing by pumping polyurethane until an annular cavity formed by the inner wall of the tubing and a plunger is filled. In order to achive the coating glossy finish, a plunger, the outer surface of which has roughness not less than 9th surface finish class, is used.

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

Egyptian Patent Office



- (22) 02/12/2010
- (21) 2040/2010
- (44) December 2014
- (45) 30/04/2015
- (11) 27052

(51)	Int. Cl. ⁸ G01V 1/30	
(71)	1. PGS GEOPHYSICAL AS (NORWAY)	
	2.	
	3.	
(72)	1. ROALD G. Van Borselen	4. JACOB T. Fokkema
, ,	2. CHRISTINA D. Riyanti	5. PETER M. Van Den Berg
	3. CHRISTOPHER P. Page	
(73)	1.	
	2.	
(30)	1. (US) 12/653,099 - 07-12-2009	
(00)	2.	
	3.	
(74)	MOHAMAD KAMEL MOSTAFFA	
(12)	Patent	

(54) METHOD FOR FULL-BANDWIDTH SOURCE DEGHOSTING OF MARINE SEISMIC STREAMER DATA

Patent Period Started From 02/12/2010 and Will end on 01/12/2030

(57) Seismic data recorded in a marine streamer are obtained, /sorted as a common receiver gather. A complex Laplace frequency parameter is used to transform the seismic data from a space-time domain to a spectral domain. An iterative conjugate gradient scheme, using a physically-based preconditioner, is applied to the transformed seismic data to provide a least squares solution to a normal set of equations for a source deghosting system of equations. The solution is inverse-transformed back to a space-time domain to provide source deghosted seismic data, which is useful for imaging the earths subsurface.

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





PCT

(22) 14/02/2011

(21) 0251/2011

(44) December 2014

(45) 30/04/2015

(11) 27053

(51)	Int. Cl. ⁸ A63B 22/02
(71)	1. CHANG, HUANG-TUNG (CHINA) 2.
	3.
(72)	1. CHANG, Huang-Tung
	2. 3.
(73)	1. 2.
(30)	1. (CN) 201010125105.1 - 16-03-2010 2. 3.
(74)	MAHMOUD ADEL ABDEL-HAMID ISMAIL
(12)	Patent

(54) BUFFER BOARD FOR TREADMILL Patent Period Started From 14/02/2011 and Will end on 13/02/2031

A buffer board for a treadmill includes a bamboo strip portion and an endurable slide plate. The bamboo strip portion is composed of at least one longitudinal bamboo strip and at least one transverse bamboo strip. The longitudinal bamboo strip and the transverse bamboo strip are crosswise knitted to constitute a woven bamboo plate. The woven bamboo plate can be stacked one by one to constitute a stack of woven bamboo plates in a desired thickness for enhancing the strength of the buffer board. The longitudinal bamboo strips connected side by side and the transverse bamboo strips connected side by side are stacked up to constitute a laminated bamboo board. The upper woven bamboo plate or the laminated bamboo board is attached with the endurable slide board. After being applied with a press force, the surface of the endurable slide board is formed with concave-convex massage pattern according to the pattern of the woven bamboo plate or the laminated bamboo board. The buffer board constituted by the woven bamboo plate or the laminated bamboo board or both provides a better buffer effect and a foot massage effect.

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PCT

(22) 26/11/2012

(21) 1969/2012

(44) December 2014

(45) 30/04/2015

(11) 27054

(51)	Int. Cl. ⁸ H01B 7/36, 13/14, 13/34	
(71)	 PRYSMIAN CABLES ET SYSTEMES FRANCE (FRANCE) 3. 	
(72)	 PONS, Jean-Louis BARBEDETTE, Jean JORAND, Thierry 	4. BASTIDE, Dominique 5. COLOMBIER, Sergr e
(73)	1. 2.	
(30)	1. (FR) 1054146 - 28-05-2010 2. (PCT/EP2011/058752) - 27-05-2011 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) CABLE INCLUDING A REMOVABLE INDICATOR STRIP, AND METHOD AND MACHINE FOR MANUFACTURING SUCH A CABLE

Patent Period Started From 27/05/2011 and Will end on 26/05/2031

(57) The invention relates to a cable that includes a protective sheath in which at least one conductor is placed. The protective sheath has a minimum thickness and an outer diameter within a range of values defined by a predetermined standard. The cable also includes at least one removable indicator strip that: longitudinally extends over at least one arc portion of the outer circumferential surface of the protective sheath; is made of a material enabling the at least one removable indicator strip to adhere to the protective sheath while being detachable from the protective sheath, without having an adverse effect thereon, by applying, by means of unity of width of the at least one removable indicator strip, a removal force that is greater than a predetermined threshold; and has a thickness such that the protective sheath outer diameter, increased from the thickness of the at least one removable indicator strip, is within the range of values.

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





- (22) 12/10/2009
- (21) | 1497/2009
- (44) December 2014
- (45) 30/04/2015
- (11) 27055

(51)	Int. Cl. ⁸ G01V 1/50
(71)	1. PGS GEOPHYSICAL AS (NORWAY) 2. 3.
(72)	 ANTHONY, James Day GUILLAUME, Cambois 3.
(73)	1. 2.
(30)	1. (US) 12/288.377 - 20-10-2008 2. 3.
(74)	MOHAMAD KAMEL MOSTAFFA
(12)	Patent

(54) METHOD FOR DETERMINING FORMATION QUALITY FACTOR FROM DUAL-SENSOR MARINE SEISMIC SIGNALS Patent Period Started From 12/10/2009 and Will end on 11/10/2029

(57) A method for estimating formation quality factor includes determining an upgoing pressure wavefield of seismic signals recorded using a collocated pressure responsive sensor and motion responsive sensor deployed in a body of water The upgoing wavefield has spectral effect of water surface ghosting attenuated by combining the pressure responsive signals and motion responsive signals. The quality factor is determined by determining a difference in amplitude spectra between a first seismic event and a second seismic event in the upgoing pressure wavefield.

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Issue No 227 MAY 2015

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Preface

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

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

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

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

Bibliographic data

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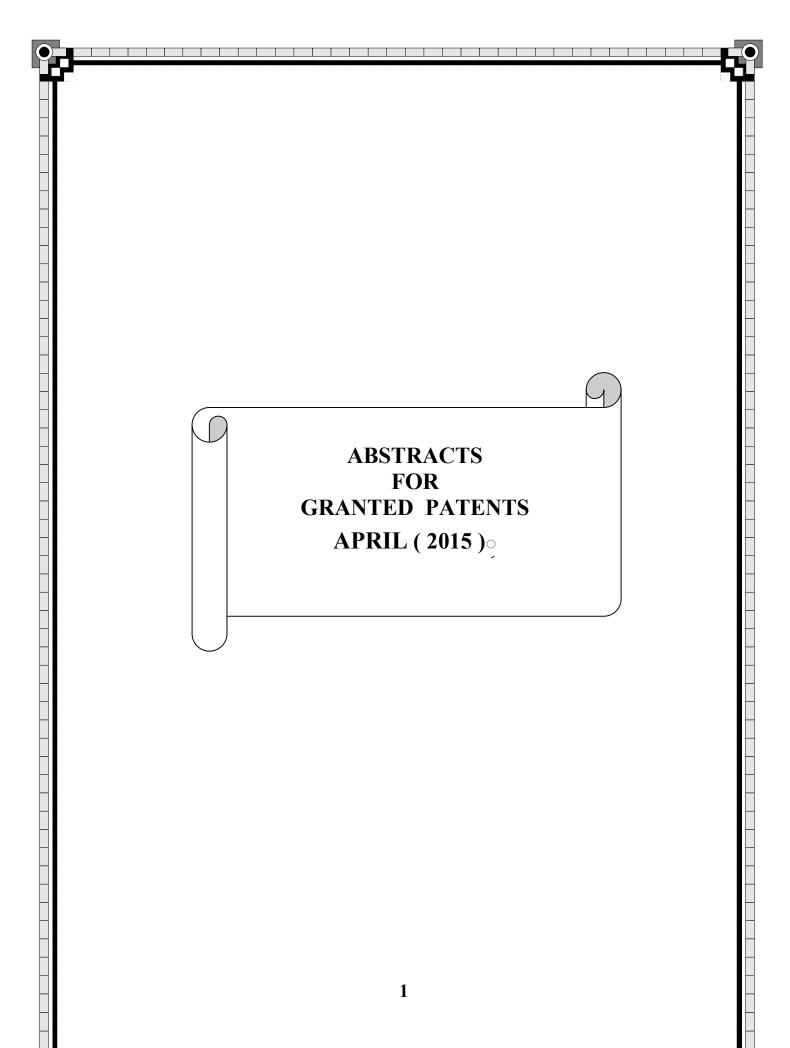
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JO	Jordan
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KR	Republic of Korea
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KZ	Kozakhstan
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MG	Madagascar

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MW	Malawi
MX	Mexico
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NE	Niger
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TJ	Tajikistan
TH	Thailand
TM	Turkmenistan
TN	Tunisia
TR	Turkey
TT	Trindad and Topago
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UZ	Uzbekistan
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YD	Yemen
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe



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





- (22) 01/02/2010
- (21) 0171/2010
- (44) October 2014
- (45) 01/04/2015
- (11) 27016

(51)	Int. Cl. ⁸ C09K 1/00
(71)	1. MOHAMED YOUSSEF GAAFAR (EGYPT) 2. 3.
(72)	1. MOHAMED YOUSSEF GAAFAR 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	NAHED WADEA RIZK
(12)	Patent

(54) METHOD FOR HEAVILY COATING OF METALLIC TOILET SEAT FIXTURES BY PLASTIC MATERIAL

Patent Period Started From 01/02/2010 and Will end on 31/01/2017

(57) This invention relates to a way for thickly cladding of metal parts under very high pressure by injection technology of plastic material (ABS, ACETALS, PP, PE,...) in order to protect the metal from rust and thus corrosion due to the use in a very humid environment.

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

Egyptian Patent Office



PCT

(22) |12/03/2012

(21) 0437/2012

(44) December 2014

(45) 01/04/2015

(11) 27017

(51)	Int. Cl. 8 F25J 3/00			
(71)	1. ORTLOFF ENGINEER, LTD (UNITED STATES OF AMERICA) 2. 3.			
(72)	1. MARTINEZ, Tony, L	4. HUDSON, Hank, M		
(, =)	2. WILKINSON, John, D	5. CUELLAR, Kyle, T		
	3. LYNCH, Joe, T	, ,		
(73)	1. 2.	•		
(30)	1. (US) 61/244.181 - 21-09-2009 2. (US) 61/346.150 - 19-05-2010 3 (US) 61/351.045 - 03-06-2010 4. (US) 12/868.993 - 26-08-2010 5. (US) 12/869.139 - 26-08-2010			
	6. (US) 12/869.007 - 26-08-2010 7. (PCT/US2010/046967) - 27/08/2010			
(74)	NAHED WADEA RIZK			
(12)	Patent			

(54) HYDROCARBON GAS PROCESSING

Patent Period Started From 27/08/2010 and Will end on 26/08/2030

(57) A process and an apparatus for recovering heavier hydrocarbons from a hydrocarbon gas stream is disclosed. The stream is cooled and divided into first and second streams. The first stream is further cooled and divided into first and second portions. The first and second portions are expanded to the fractionation tower pressure and supplied to the tower at upper mid-column feed positions after the expanded second portion is heated. The second stream is expanded to tower pressure and supplied at a mid-column feed position. A distillation vapor stream is withdrawn above the feed point of the second stream, combined with a portion of the tower overhead vapor stream, compressed to higher pressure, and cooled to condense at least a part of it, forming a condensed stream. At least a portion of the condensed stream is expanded to tower pressure and directed to the tower as its top feed.

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

Egyptian Patent Office



PCT

- (22) 25/03/2013
- (21) 0492/2013
- (44) December 2014
- (45) 01/04/2015
- (11) 27018

(51)	Int. Cl. 8 E04C 5/01, 5/02, 5/04, 5/07
(71)	1. SVENSK CELLARMERING FABRIK AB (SWEDEN) 2. 3.
(72)	1. PERSSON, Johan 2. 3.
(73)	1. 2.
(30)	1. (SE) 6-1001005 - 12-10-2010 2. (PCT/SE2011/051220) - 12-10-2011 3.
(74)	NAHED WADEA RIZK
(12)	Patent

REINFORCEMENT ELEMENT FOR CASTING COMPRISING (54)RING SHAPED PORTIONS AND REINFORCEMENT WITH SUCH REINFORCEMENT ELEMENTS

Patent Period Started From 12/10/2011 and Will end on 11/10/2021

(57) Reinforcement element for being positioned within a cast to elastically withstand tensile loads thereon, said reinforcement element comprising a plane sheet-or plate-shaped body of at least one row of consecutively coupled ring-shaped portions.

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

Egyptian Patent Office



PCT

(22) 02/11/2011

(21) 1858/2011

(44) December 2014

(45) 01/04/2015

(11) 27019

(51)	Int. Cl. 8 B01J 21/12, 23/10 & C07C 41/09, 41/42,	43/04
(71)	1. ENN XINNENG (BEIJING) TECHNOLOGY (2. 3.	CO., LTD (CHINA)
(72)	 CHANG, Junshi SHI, Lijie LIU, Xuefei 	4. ZHANG, Jianxiang
(73)	1. 2.	
(30)	1. (CN) 200910084410.8 – 15-05-2009 2. (PCT/CN2010/072714) - 13-05-2010 3.	
(74)	NAHED WADEA RIZK	
(12)	Patent	

(54) METHOD FOR TWO-STAGE PRODUCTION OF DIMETHYL ETHER

Patent Period Started From 13/05/2010 and Will end on 12/05/2030

(57) Provided is a method for the two-stage production of dimethyl ether, which is characterized in that two reactors filled respectively with separate catalysts having different performances for dimethyl ether are connected in series, greatly increasing methanol conversion per pass. Another characteristic lies in a method for optimizing the reasonable distribution and utilization of the heat of reaction.

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





PCT

(22) 25/09/2011

(21) 1604/2011

(44) October 2014

(45) 02/04/2015

(11) | 27020

(51)	Int. Cl. ⁸ E05B 47/00, 49/00
(71)	1. S0MYUNG C0. LTD (REPUBLIC OF KOREA) 2.
	3.
(72)	1. Kong, You-Sang
	2.
	3.
(73)	1. THE KOREA DEVELOPMENT BANK REPUBLIC OF KOREA)
. ,	2.
(30)	1. (KR) 10-2009-0024908 - 24-03-2009
	2. (PCT/KR2010/001817) - 24-03-2010
	3.
(74)	EL-SHALKANY OFFICE FOR LEGAL & LAW FIRM
(12)	Patent

(54) ELECTRIC DOOR-LOCKING APPARATUS, AND ELECTRIC DOOR COMPRISING SAME

Patent Period Started From 24/03/2010 and Will end on 23/03/2030

(57) The present invention provides an electric door-locking apparatus, and an electric door comprising same. The electric door-locking apparatus according to the present invention comprises: a locking switch arranged at a door frame to check the locked status of an electric door body when the electric door body is closed; a screw rotatable in the forward and backward directions; a locking roller guide arranged at the door frame in the vicinity of the screw; and a sliding unit, one end of which is rotatably connected to the screw and the other end of which is connected to the electric door body. The electric door-locking apparatus according to the present invention has a structure which enables simple and easy operation, improves the reliability of the locking function, reduces the risk of failure and erroneous operation, and enables easy manufacture and maintenance to reduce manufacturing costs and maintenance costs as compared to conventional apparatuses.

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

Egyptian Patent Office



PCT

(22) 20/07/2009

(21) 1109/2009

(44) December 2014

(45) 02/04/2015

(11) 27021

(51)	Int. Cl. 8 B02C 18/00
(71)	1. AGRIC ENG RESEARCH INSTIYUTE (AENRI) 2. 3.
(72)	1. MAGDY AHMED BAIOMY 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)DESIGN AND FABRICATION A LOCALLY SHREDDER MACHINE TO CUT CROP AND HORTICULTURE RESIDUES

Patent Period Started From 20/07/2009 and Will end on 19/07/2029

- (57) Crop residues are considered among the most important materials in Egypt, e.g. especially cotton stalks, corn stalks rice straw and tree branch. There are many types and make of the imported choppers to Egypt to assist in recycling the field crop residues. The main objectives of this design were:
 - 1- Design cutting machine to increasing the efficiency and increasing the productivity.
 - 2- Producing and fabricating locally machine.
 - 3- Testing and evaluating the shredder machine after designing and fabricating.

The designed machine was fabricated from local materials at a private sector company. The cutting drum was designed; flail knives were mounted on the circumstance of a pipe drum. The fan was designed to have direct central suction. The designed locally manufactured machine was tested with cotton stalks, corn stalks and rice straw. The results were very good with cotton and corn stalks and the machine was successful with rice straw, tree branch. The main capacities were as follows: 1200 kg/hr, 800. 1100 kg/hr (max. machine capacity) for cotton stalks, corn stalks and rice straw, respectively. The maximum chopping power requirement were 30 k^w (40 hp). The size of the cut materials varied between 5 mm to 30 mm.

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PCT

(22) 24/12/2012

(21) 2121/2012

(44) December 2014

(45) 02/04/2015

(11) 27022

(51)	Int. Cl. ⁸ B41F 9/02
(71)	1. KBA-NOTASYS SA (SWITZERLAND) 2. 3.
(72)	 SCHAEDE, Johannes, Georg TÜRKE, Thomas SCHAEDE, Johannes, Georg
(73)	1. 2.
(30)	1. (EP) 10167431.5 - 25-06-2010 2. (PCT/IB2011/052791) - 24-06-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) INSPECTION SYSTEM FOR IN-LINE INSPECTION OF PRINTED MATERIAL PRODUCED ON AN INTAGLIO PRINTING PRESS

Patent Period Started From 24/06/2011 and Will end on 23/06/2031

(57) There is described an inspection system for in-line inspection of sheet or web material on an intaglio printing press, wherein the inspection system comprises an optical quality control apparatus for carrying out inspection of a printed area on a printed side of the sheet or web material, the optical quality control apparatus including a camera system with one or more camera units each comprising at least one line-scan camera for scanning and acquiring an image of the printed area while the sheet or web material is being transported in the intaglio printing press past the camera system. A location of the at least one line-scan camera in the intaglio printing press along a delivery path of the sheet or web material is such that cyclical vibrations that spread periodically throughout the intaglio printing press during operation of the intaglio printing press do not occur while the camera system is scanning the printed area of the sheet or web material and acquiring a complete image of the printed area.

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- (22) 18/01/2011
- (21) 0117/2011
- (44) October 2014
- (45) 02/04/2015
- (11) 27023

(51)	Int. Cl. ⁸ G01V 1/36	
(71)	1. PGS GEOPHYSICAL AS (NORWAY) 2. 3.	
(72)	 ARON Peter A. VAN Borselen Roald G. HEGGE Robertus F. 	4. BARNES, Simon R.
(73)	1. 2.	
(30)	1. (US) 12.657.412 - 20-01-2010 2. (US) 12.798.594 - 07-04-2010 3.	
(74)	MOHAMAD KAMEL MOSTAFFA	
(12)	Patent	

(54) DIP-BASED CORRECTIONS FOR DATA RECONSTRUCTION IN THREE-DIMENSIONAL SURFACE-RELATED MULTIPLE PREDICTION

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

(57) A best fitting trace in seismic data is determined for a desired trace to be reconstructed. A dip-based correction is calculated per trace and per sample for differences in azimuth common midpoint coordinates and offset between the best fitting trace and the desired trace. The dip-based correction is applied to the best fitting trace to reconstruct the desired trace for 3D surface-related multiple prediction.

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Egyptian Patent Office



(22) 03/04/2004

(21) 0153/2004

(44) | September 2014

(45) 05/04/2015

(11) | 27024

(51)	Int. Cl. 8 C07K 14/79, 1/14 & C21N 15/63
(71)	1. CITY OF SCIENTIFIC RESEARCH AND TECHNOLOGICAL APPLICATIONS (EGYPT) 2.
	3.
(72)	1. DR.EL-RASHDY M. MOHAMED
(12)	2.
	3.
(73)	1.
(13)	2.
(30)	1.
(,	2.
	3.
(74)	HUSAIN ALI HUSAIN (REPRESENTATIVE)
(12)	Patent

(54) NATURAL OR RECOMBINANT PROTEINS FOR TREATMENT AND DIAGNOSIS OF HEPATITIS C VIRUS.

Patent Period Started From 03/04/2004 and Will end on 02/04/2024

Lactoferrin (LF) is a member of the transferring gene family, which produce a glycoprotein with molecular weight 60-85 KDa with high degree of homology between different mammalian species. LF is net positive charged single polypeptide chain, folded in twosymmetric globular lobes (N- and C-lobe).LF can bind Fe2+, Fe3+,Cu2+, Zn2+,Mn2+ ions. Epithelial cells at the mucosa of many mammalian species produce LF at 7 gram/L colostrums or 2-3g/L normal milk. Or other secretion. LF have a very strong activity against bacterial cells (gram positive or negative), anti-viral, anti-fungal and very smooth strong anti-inflammatory activity. In addition to its very nice and clear immune-regulating action. We were treat and prove the all above anti-activity action of LF in addition to its activity against hepatitis C virus (HCV). It ca reduce the viral load and regulate the patient liver enzymes into to the normal levels within 3-6 months during the treatment. LF fragments (10-30 KDa) will not have a comparable action like the complete LF in vivo and in vitro. These small peptides ave us a very strong anti-bacterial, anti-fungal and anti-inflammation activity. We deices an expression vector to produce recombinant LF and/or its active peptides. The expression yield was 0.5-1.5 gram/L and the produced products were comparable to the natural materials n the activity against the virus, bacteria, fungus. We were device a new and simple method for LF purification from human, bovine, camel sheep, goat buffalo colostrums and /or milk and recombinant LF. It was mainly based immunoaffinity device, yielded an active LF proteins and /or peptides. LF or its peptides can take as tablets or injection material. It can used as cream or ointment to treat wounds and/or superficial microbial infection. We were used the recombinant LF as its peptides or recombinant parts as binding materials for HCV envelopes E1 and E2for diagnosis of the viral antigens. The LF can binds both E1 and E2 with highly af

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Egyptian Patent Office



PCT

(22) 29/08/2012

(21) 1468/2012

(44) November 2014

(45) 05/04/2015

(11) 27025

(51)	Int. Cl. ⁸ E02D 29/02
(71)	 KEYSTONE RETAINING WALL SYSTEMS, INC (UNITED STATES OF AMERICA) 3.
(72)	 FRIEDERICHS, Joseph MORITZ, Craig WORITZ, Craig
(73)	1. 2.
(30)	1. (US) 61/310,466 - 04-03-2010 2. (PCT/US2011/027031) - 03-03-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	RETAINING WALL
	Patent Period Started From 03/03/2011 and Will end on 02/03/2013

(57) A retaining wall, having blocks, said blocks being locked together by channel bars.

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

Egyptian Patent Office



PCT

(22) |27/09/2012

(21) 1676/2012

(44) December 2014

(45) 05/04/2015

(11) | 27026

(51)	Int. Cl. ⁸ F27D 1/16 & B01J 8/00	
(71)	 OTKRYTOE AKTSIONERNOE OBSCHEST UREA AND ORGANIC SYNTHESIS PRODU 	
(72)	 CHIRKOV, Aleksandr Vasilievich CHUPRAKOV, Boris Vladimirovich GOLOVIN, Yury Aleksandrovich 	4. TUZOV, Aleksei Konstantinovich
(73)	1. 2.	
(30)	1. (RU) 2010112009 - 29-03-2010 2. (PCT/RU2011/000173) - 18-03-2011 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) DEVICE FOR REPAIRING AN APPARATUS LINING Patent Period Started From 18/03/2011 and Will end on 17/03/2031

(57) The invention relates to a device for repairing a corrosion-resistant lining of chemical apparatuses and towers. The device comprises a support and a system of levers which are arranged symmetrically relative to an axis passing through the centre of the support. Each of the levers consists of three members which are interconnected in an articulated manner. The device comprises a central telescopic rod, one end of which is fixed to the support while a suspension support is connected to the other end. Each of the levers is connected in an articulated manner on one side to the support and is connected in an articulated manner on the other side to the suspension support. The central member of each lever is equipped with a supporting roller which is rotatable about the axis thereof. The use of the invention enables the construction of a high-quality and even lining along the perimeter of an apparatus body.

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



(22) 29/06/2008

(21) 1117/2008

(44) December 2014

(45) 06/04/2015

(11) | 27027

(51)	Int. Cl. ⁸ E05D 15/02
(71)	1. ASHRAF EL MELOUK ABDEL HAFIZ YOUSSEF (EGYPT) 2. 3.
(72)	 ASHRAF EL MELOUK ABDEL HAFIZ YOUSSEF 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) AUTOMATIC SYSTEM FOR SPEEDING UP OF ENTRY AND EXIT IN A CROWDED PLACE (THE HOLY QEBLA)

Patent Period Started From 29/06/2008 and Will end on 28/06/2028

(57) A new method for helping more Muslems around "Kaaba" to take chance to kiss the "Al Assad Stone" without the "over crowding" trouble. And that can be achieved by taking serial numbers for this wish or purpose, from outside the "Tawaf" area. This to take place on a large circle revolving circularly in front of the happiest stone "Al Assaad Stone". This circle is divided into about 10 partitions, each is to be occupied by one person; During the movement of the circle, one person only will be presented at "Al Assaad Stone". After kissing "Al Assaad Stone" he will be revolved outside the circulation; the next person to come, takes his place successively. This way produces a chance five times the normal way does.

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

Egyptian Patent Office



PCT

(22) 16/03/2008

(21) 0447/2008

(44) December 2014

(45) 06/04/2015

(11) 27028

(51)	Int. Cl. 8 C01F 11/18 &C09C 1/02 ,3/04
(71)	1. OMYA INTERNATIONAL AG (SWITZERLANDS) 2.
	3.
(72)	1. RAINER, Christian
	2. POHL, Michael
	3.
(73)	1.
, ,	2.
(30)	1. (EP) 0507713.8 - 16-09-2005
,	2. (PCT/IB2006/002655) - 12-09-2006
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)PROCESS OF MANUFACTURING A CO-GROUND CALCIUM CARBONATE MATERIAL OF THE GCC AND PCC TYPE WITH A SPECIFIC STEEPNESS FACTOR, OBTAINED PRODUCTS AND THEIR USES

Patent Period Started From 12/09/2006 and Will end on 11/09/2026

(57) An object of the present invention is to provide a process to obtain a calcium carbonate material comprising GCC and PCC, with a specific steepness factor (defined as d30 / d70 x 100, where dx is the equivalent spherical diameter relative to which x % by weight of the particles are finer) of at least about 30, preferably of at least about 40, and most preferably of at least about 45, in a cost efficient manner, wherein GCC and PCC are co-ground, possibly with at least another mineral material. An other object of the present invention lies in the the obtained co-ground calcium carbonate material in the form of an aqueous suspension and in the form of a dry product. An other object of the present invention lies in the uses of such products in any sector making use of mineral materials, and notably in the paper, paint and plastic industries.

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





PCT

(22) 1009/2012

(21) 1560/2012

(44) December 2014

(45) 06/04/2015

(11) 27029

(51)	Int. Cl. 8 C04B 24/38, 28/02
(71)	1. CIMENTS FRANCAIS (FRANCE) 2.
	3.
(72)	1. FABBRIS, Faber
	2. MEHALEBI, Soraya
	3.
(73)	1.
. ,	2.
(30)	1. (FR) 1051812 - 15-03-2010
	2. (PCT/FR2011/050404) - 28-02-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)TEMPERATURE-STABLE LIQUID AQUEOUS POLYSACCHARIDE SUSPENSIONS AND USE THEREOF AS THICKENING AGENTS IN CEMENTITIOUS COMPOSITIONS

Patent Period Started From 28/02/2011 and Will end on 27/02/2031

(57) The invention relates to a liquid aqueous suspension of polysaccharide, containing a mass concentration of at least one polysaccharide of between 15 and 35 % in the form of partially hydrated particles dispersed in an aqueous solution of a strong base salt, excluding ammonium salts, with an ionic strength of between 1.25 mol/L and 15 mol/L, having a pH greater than 9 and containing at least one non-phyllitic crystalline mineral powder, referred to hereafter as filler, which is chemically inert in said aqueous suspension and which has a grain size of between 0.1 and 100 micrometres and an attapulgite in micronised form, said aqueous suspension being stable at least in a temperature range from 5 to 30 30 °C. The invention is suitable for use as an agent for thickening cementitious compositions.

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





PCT

- (22) 25/11/2011
- (21) 1952/2012
- (44) December 2014
- (45) 06/04/2015
- **(11)** | 27030

(51)	Int. Cl. ⁸ H02J 3/18 & H0AM 5/44
(71)	1. NEW ENERGY POWER COMPANY(CHINA) 2. 3.
(72)	 ZHANG, Dongsheng 3.
(73)	1. 2.
(30)	1. (CN) 201010189994.8 - 25-05-2010 2. (PCT/CN2010/076116) - 18-08-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CONVERTING DEVICE OF ELECTRICAL ENERGY Patent Period Started From 18/08/2010 and Will end on 17/08/2030

(57) A converting device of electrical energy includes several single-phase bridge rectification circuits and several three-phase full-controlled bridge circuits. The first input terminals of the bridge rectification circuits are connected to output terminals of each phase of an AC power supplier relatively. The second input terminals of the bridge rectification circuits are connected each other. The two input terminals of each three-phase full-controlled bridge circuit are connected to the two output terminals of each bridge rectification circuit or connected to the two output terminals of each bridge rectification circuit via an inductance. When there is feedback of electrical energy from an electrical generation device to a power grid, the waveform coefficient of the current of the electrical generation device is improved, the harmonic wave is decreased, and the power factor is increased.

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





PCT

(22) 11/04/2013

(21) 0617/2013

(44) November 2014

(45) 14/04/2015

(11) 27031

(51)	Int. Cl. ⁸ E02B 5/02
(71)	1. GSI GEOSYNTEC INVESTMENT B.V. (NETHERLANDS)
	2. 3.
(72)	1. SCUERO, Alberto
	 3.
(73)	1.
(30)	2. 1. (IT) MI2010A001877 - 14-10-2010
(30)	2. (PCT/EP2011/067930) -13-10-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD AND DEVICE FOR DRAINING OFF WATER SEEPED IN A SOIL UNDERLYING HYDRAULIC STRUCTURES

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

(57) A method and a device for draining off water seeped in a soil underlying a hydraulic structure, such as a canal, basin, dams and the like. A protective and waterproofing covering, is laid down on the bottom wall and side walls of the hydraulic structure, by providing the covering with one-way gravity drainage valves. The waterproof covering along the side walls, is anchored by a concrete ballast within a longitudinal trench, and by one or more tiltable concrete slabs overlapping the waterproof covering, in which the slab or slabs downwards extend from the anchoring ballast. The water seeped in the soil, having a level higher than that of the water in the hydraulic structure, flows off by gravity towards the one-way valves, along an interface between the waterproof geomembrane and the soil, slightly raising the tiltable concrete slab or slabs by pressure of the same water seeped into the soil, having a level greater than the level of the water into the hydraulic structure.

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



(22)	09/08/2010
	07/00/2010

(21) 1346/2010

(44) December 2014

(45) 07/04/2015

(11) |27032

(51)	Int. Cl. ⁸ G01F 1/72
(71)	1. ROLA SAMIR ABD EI – RAHMAN AFIFY (EGYPT)
	2.
	3.
(72)	1. ROLA SAMIR ABD EI – RAHMAN AFIFY
	2.
	3.
(73)	1.
, ,	2.
(30)	1.
,	2.
	3.
(74)	
(12)	UTILITY MODEL

(54) A NEW METHOD FOR FLOW SIMULATION Patent Period Started From 09/08/2010 and Will end on 07/08/2017

(57) For a flow in a laboratory water Canal, a rod made of wood is loaded on the canal wall. A group of yarn strands are fixed on this rod from one end and the other end flows with water. - In case of no bluff body exists, the yarn strands flow parallel to each others. - In case of the existence of a bluff body and laminar flow, the yarn strands flow with leaving a space for two symmetrical eddies in the wake behind the bluff body which rotating in opposition to one another. - In case of the existence of a bluff body and turbulent flow, the two vortices breaks away from the cylinder and the yarn strands follow the vortex shedding. - To measure the frequency of these vortices in case of turbulent flow, the yarns oscillate with the shedding of these vortices and the time of a number of complete oscillations is estimated by using a stop watch. Dividing this number by its corresponding time gives the frequency of vortex shedding (several readings are taken to minimize the error).

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

Egyptian Patent Office



PCT

- (22) 07/08/2012
- (21) | 1380/2012
- (44) December 2014
- (45) 09/04/2015
- (11) 27033

(51)	Int. Cl. 8 H02K 33/00, 7/075 & H01F 3/00, 5/00, 7/18
(71)	1. MAGNETIC MILES, LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	1. MILES, Stephen 2. CRISTOFORO, Michael 3.
(73)	1. 2.
(30)	1. (US) 12/701,781 - 08-02-2010 2. (PCT/US2011/024018) - 08/02/2011 3.
(74)	AMR EBRAHEM ABDAALAH SALEM
(12)	Patent

(54) MAGNETICALLY POWERED RECIPROCATING ENGINE AND ELECTROMAGNET CONTROL SYSTEM

Patent Period Started From 08/02/2011 and Will end on 07/02/2031

(57) The instant invention provides a magnetically controlled reciprocating engine having a unique electromagnet control system. The engine is constructed and arranged to operate from a stored power source such as batteries to provide extended run times by controlling the power supplied to the electromagnets in a manner that controls heat generation within the electromagnetic coils, thereby increasing coil life. The control system is also capable of controlling engine speed and/or torque outputs to make the engine versatile for a wide variety of uses. The system is constructed and arranged to be utilized on new or pre-existing engines of various configurations and may be utilized in other industries or devices that benefit from the use of electromagnets.

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

Egyptian Patent Office



PCT

(22) 18/10/2012

(21) 1781/2012

(44) December 2014

(45) 14/04/2015

(11) 27034

(51)	Int. Cl. 8 C08F 210/16	
(71)	1. CHEVRON PHILLIPS CHEMICAL COMPANY LP (UNITED STATES OF AMERICA) 2. 3.	
(72)	 YANG, Qing MCDANIEL, Max, P BEAULIEU, William, B 	4. MARTIN, Joel, L 5. CRAIN, Tony, R
(73)	1. 2.	
(30)	1. (US) 12/762,414 - 19-04-2010 2. (PCT/US2011/032610) - 15-04-2011 3.	
(74)	SMAS INTELLECTUAL PROPERTY	
(12)	Patent	

(54) CATALYST COMPOSITION FOR PRODUCING HIGH Mz/Mw POLYOLEFINS

Patent Period Started From 15/04/2011 and Will end on 14/04/2031

(57) The present invention provides a polymerization process utilizing a dual ansa-metallocene catalyst system. Polymers produced from the polymerization process are also provided, and these polymers have a reverse comonomer distribution, a non-bimodal molecular weight distribution, a ratio of Mw/Mn from about 3 to about 8, and a ratio of Mz/Mw from about 3 to about 6.

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

Egyptian Patent Office



PCT

(22) 16/10/2012

(21) | 1774/2012

(44) November 2014

(45) 14/04/2015

(11) 27035

(51)	Int. Cl. ⁸ E04D 13/18
(71)	1. ITALCEMENTI S.P.A (ITALY) 2. 3.
(72)	 ALFANI, Roberta CAPONE, Claudia PLEBANI, Marco
(73)	1. 2.
(30)	1. (IT) MI2010A000670 - 19-04-2011 2. (PCT/IB2011/051689) - 19-04-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

CEMENTITIOUS PRODUCT SUITABLE IN PARTICULAR AS (54)SUBSTRATE FOR A THIN FILM PHOTOVOLTAIC MODULE, AND METHOD OF PRODUCTION THEREOF

Patent Period Started From 19/04/2011 and Will end on 18/04/2031

(57) The present invention relates to a substrate for a thin film photovoltaic module, characterized in that it is a cementitious product with average surface roughness Ra not higher than 500 nm. The invention also relates to the cementitious product as such, the thin film photovoltaic module comprising it, and a method of moulding both of them.

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

Egyptian Patent Office



PCT

(22) 12/06/2009

(21) 0954/2009

(44) November 2014

(45) 14/04/2015

(11) 27036

(51)	Int. Cl. ⁸ C07C (229/36, 229/76) & C07D 213/38		
(71)	1. TRADECORP, S.A. (SPAIN) 2. 3.		
(72)	 SIERRA, Miguel A. GÓMEZ-GALLEGO, Mar ESCUDERO, Rosa. 	4. 5.	LUCENA, Juan J. GARCÍA-MARCO, Sonia
(73)	1. 2.		
(30)	1. (EP) 06127041.9 - 22-12-2006 2. (PCT/EP2007/064370) - 20-12-2007 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

ACHEMICAL COMPOSITION FOR THE TREATMENT OF PLANT (54)FROM IRON CHLOROSIS

Patent Period Started From 20/12/2007 and Will end on 19/12/2027

The present invention consists on the synthesis of new products for the treatment of the iron chlorosis. These products may have improved properties regarding the currently known treatments. The new products are non-symmetrical ethylene diamino hidroxyphenyl acetic acid derivatives possessing only five coordination sites able to chelate metals

Wherein x¹ is a a C₆ or C₁₀ aromatic system having a hydroxy group in he alpha position, being optionally substituted by up to four substituents independently selected from the group consisting of : phosphor, sulfa, halo, carboxy, acetoxy. C₁-C₄ alkoxy, linear or branched C_1 - C_4 alkyl, X^2 is a C_6 or a C_{10} aromatic system having a hydroxyl group in the alpha position, or a five or six membered heterocycle having in the alpha position a heteroatom selected from the group consisting of N, O and S, optionally comprising other N₂O or S atoms in their structure, and having from 0-3 double bonds, said aromatic, or heterocyclic system being optionally substituted by up to four substituents independently selected from the group consisting of : phosphor, suifo, halo carboxy, acetoxy, alkoxy linear or branched C₁-C₄ alkyl, and Y is (CH₂) n, or is a xylylene group.

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

Egyptian Patent Office



PCT

(22) 28/05/2012

(21) | 0956/2012

(44) November 2014

(45) 14/04/2015

(11) 27037

(51)	Int. Cl. ⁸ C04B 18/14, 28/08
(71)	1. ITALCEMENTI S.P.A (SPAIN) 2. 3.
(72)	 CANGIANO, Stefano PRINCIGALLO, Antonio 3.
(73)	1. 2.
(30)	1. (IT) MI2009A002105 - 30-11-2009 2. (PCT/EP 2010/068465) - 30/11/2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) HYDRAULIC BINDER COMPRISING A GROUND BLAST **FURNACE SLAG**

Patent Period Started From 30/11/2009 and Will end on 29/11/2029

(57) The present invention concerns a hydraulic binder comprising a ground blast furnace slag in an amount comprised between 30% and 95% by mass on the binder, Portland cement clinker in an amount equal to or greater than 5% by mass on the binder, and at least one sulphate as activator, characterised in that said slag has the following properties and composition by mass: grinding fineness greater than 4000 cm2/g Blaine glass content greater than 80% SiO2: 30-40% Al2O3: 9-13% CaO: 34-42% with a (CaO+MgO)/(Al2O3+SiO2) ratio greater than 1; and in that said sulphate is contained in a total amount, expressed as SO3, comprised between 0.6% and 4.5% by mass on the binder.

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





PCT

(22) 06/12/2012

(21) 2022/2012

(44) November 2014

(45) 14/04/2015

(11) 27038

(51)	Int. Cl. ⁸ B04C 2/54, 2/06 & B28B 23/00
(71)	1. ITALCEMENTI S.P.A. (ITALY) 2.
	3.
(72)	 CANGIANO, Stefano CARMINATI, Aronne .
(73)	1. 2.
(30)	1. (IT) (MI2010A001046) - 10-06-2010 2. (PCT/EP2011/059591) - 09-06-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) COMPOSITE PANEL BASED ON CEMENTITIOUS MORTAR WITH PROPERTIES OF TRANSPARENCY

Patent Period Started From 09/06/2011 and Will end on 08/06/2031

(57) The present invention relates to a composite panel based on cementitious mortar, passed through its entire thickness by a plurality of through openings, each of which is filled with a material transparent to light in the form of a preformed plate housed in said opening, or formed in said opening, wherein said cement-based mortar contains at least 30 kg/m 3 of fibres selected from one or more of the following types: metallic fibres, steel fibres, glass fibres, polymeric resin fibres. The invention also relates to methods of production of said panel.

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



PCT

(22) 06/02/2011

- (21) 0182/2011
- (44) December 2014
- (45) 14/04/2015
- (11) 27039

(51)	Int. Cl. 8 C04B 14/30, 40/00 & B01J 35/00, 37/03 & C01G 23/00, 23/047
(71)	1. ITALCEMENTI S.P.A. (ITALY) 2. 3.
(72)	1. ANCORA, Renato 2. BORSA, Massimo 3. ILERMARCHI, Maurizio
(73)	1. 2.
(30)	1. (IT) (MI2008A001445) - 01-08-2008 2. (PCT/EP2009/005571) - 31-07-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PHOTOCATALYTIC COMPOSITES CONTAINING TITANIUM AND LIMESTONE

Patent Period Started From 31/07/2009 and Will end on 30/07/2029

(57) New photocatalytic product comprising compounds of titanium integrated with limestone. The product is obtained by reacting limestone with a suitable precursor of titanium dioxide in a basic solution, followed by accurately washing the solid obtained, drying it and calcining it. A composite is obtained containing limestone, titanium dioxide and calcium titanate. The composite thus obtained, used as such or in mixture with other components has shown an unexpectedly high photocatalytic activity.

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





PCT

- (22) 20/06/2012
- (21) 1154/2012
- (44) October 2014
- (45) 15/04/2015
- (11) 27040

(51)	Int. Cl. 8 C09J 167/06, 11/04, 11/06, 11/08, 9/00 & E04G 23/02
(71)	1. WUHAN KEDA MARBLE PROTECTIVE MATERIALS CO., LTD (CNINA)
	2.
	3.
(72)	1. DU, Kunwen
	2. DU, Kunwu
	3.
(73)	1.
	2.
(30)	1. (CN) 201010201018 08-06-2010
()	2. (PCT/CN2011/074041) - 13-05-2011
	3.
(74)	MAHMOUD RAGAEY EL DEKKI
(12)	Patent

(54) COLORED JOINTING ADHESIVE FOR STONE Patent Period Started From 13/05/2011 and Will end on 12/05/2031

(57) A colored jointing agent for stone is provided, which at least comprises 100 parts by weight of air-dried unsaturated polyester resin, 0 to 5 parts by weight of hydrogenated castor oil, 1 to 20 parts by weight of nano powder, 10 to 250 parts by weight of a filler and 1 to 15 parts by weight of an antishrinking agent. It overcomes disadvantages of conventional jointing adhesive made by common marble glue, such as low air drying performance, low antishrinking capacity, low penetrability and the like. The colored jointing agent for stone can be used to fill the gaps between constructional materials such as stones, tiles and the like.

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

Egyptian Patent Office



- (22) 23/11/2010
- (21) | 1973/2010
- (44) December 2014
- (45) 15/04/2015
- (11) 27041

(51)	Int. Cl. 8 C22B 5/02 & F27B 3/04
(71)	 PANGANG GROUP COMPANY LTD (CNINA) PANGANG GROUP PANZHIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD. (CNINA)
(72)	1. ZHAN JINLONG 2. 3.
(73)	1. 2.
(30)	1. (CN) 201010272988.9 - 06-09-2010 2. 3.
(74)	KHALED MAGDY MOKHTAR HAMADA
(12)	Patent

(54) METHOD OF MANUFACTURING DIRECT REDUCTION IRON AND REDUCTION FIRING APPARATUS

Patent Period Started From 23/11/2010 and Will end on 22/11/2030

The present invention provides a method of manufacturing direct reduction iron and a reduction firing apparatus. The apparatus may be a dual-chamber stepping reduction furnace a single chamber stepping reduction furnace or a single hearth down-draft reduction furnace wherein the dual-chamber stepping reduction furnace includes a left chamber a right chamber a material containing device a step mechanism a slag distributing device a charging device heating burners a fume extraction path, a charging device a material receiving tank having a sealing cap and a slag discharging path. The method mainly includes the following steps: distributing and charging the slag in the material containing device; carrying and sending the material containing device through a preheating station, a heating station and a reduction station sequentially by the step mechanism; meanwhile, heating the material to be reduced by a combustion of the fuel with the heating burners; discharging the reduced material into the material receiving tank having the sealing cap from the material device; placing the material device from which the material is discharged into the feeding side of the other chamber then a next work circulation begins. The present invention has features such as a small limitation of resources shortage, low energy consumption a low-carbon environment high production efficiency a low production cost, a high metallization rate, a long life-span of the apparatus and a wide range of production applicability and so on.

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



PCT

(22) 12/09/2011

(21) 1516/2011

(44) December 2014

(45) 15/04/2015

(11) 27042

(51)	Int. Cl. 8 B01J 8/06 & C07C 5/42
(71)	1. UHDE GMBH (GERMANY) 2. 3.
(72)	 HEINRITZ-ADRIAN, Max WENZEL, Sascha WENZEL, Sascha
(73)	1. 2.
(30)	1. (DE) 10 2009 012 663.5 - 13-03-2009 2. (PCT/EP2010/001238) - 01-03-2010 3.
(74)	SAMAR AHMED EL-LABBAD
(12)	Patent

(54) METHOD AND APPARATUS FOR A CONSTANT STEAM GENERATION FROM THE WASTE HEAT OF AN ALKANE DEHYDROGENATION

Patent Period Started From 01/03/2010 and Will end on 28/02/2030

(57) The invention relates to a method and to an apparatus for providing a steam flow as constantly as possible from an alkane dehydrogenation, wherein the method is performed by way of passing a hydrocarbon-containing gas through reactor tubes which can be filled with a catalyst, and wherein the reactor tubes closed towards the outside are guided through a heating chamber which can be heated by burners, and wherein the catalyst for the reaction is regenerated cyclically, wherein the reaction is endothermic and the catalyst regeneration is not endothermic, and wherein the main burners are reduced in power during the regeneration of the catalyst, wherein auxiliary burners are positioned at the inlet of the flue gas channel for the further generation of hot flue gas which continue producing hot flue gas during the regeneration of the catalyst, wherein said hot flue gas is used to generate steam as constantly as possible from the waste heat of the process.

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

Egyptian Patent Office



PCT

(22) 08/01/2012

(21) 0035/2012

(44) November 2014

(45) 15/04/2015

(11) 27043

(51)	Int. Cl. 8 E04F 11/16
(71)	1. KÜBERIT PROFILE SYSTEMS GMBH & CO. KG (GERMANY) 2. 3.
(72)	 SONDERMANN, Frank 3.
(73)	1. 2.
(30)	1. (DE) 2012009032673,1 - 09-07-2009 2. (DE) 202009017769,6 - 09-07-2009 3. (PCT/EP2010/056383) - 10-05-2010
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DEVICE FOR FIXING THE EDGE OF A FLOOR COVERING TO A PROFILED STRUCTURE

Patent Period Started From 10/05/2010 and Will end on 09/05/2030

(57) A device for the detachable fixing of the edge of a floor covering, provided with a profiled section, to a profiled structure bounding the floor covering, the profiled structure in particular being a stair edge profile having an angled tread profile and a base profile that can be fixed to a tread, and the angled tread profile having a tread leg with covering wings and an impact leg. A replaceable insert, detachably arranged such that the position thereof can be matched to the profile structure and constructed in the form of a profiled rail, is provided, on at least one of the two mutually opposite longitudinal edges of which is formed a retaining means, which interacts with the profiled section of the edge of the floor covering and which is at least partially formed so as to be complementary to the profiled section.

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

Egyptian Patent Office



PCT

- (22) 12/12/2010
- (21) 2093/2010
- (44) November 2014
- (45) 19/04/2015
- (11) 27044

(51)	Int. Cl. 8 C07C 1/20 & B01J 29/40, 37/28	
(71)	1. TOTAL PETROCHEMICALS RESEAR 2. 3.	RCH FELUY (BELGIUM)
(72)	 NESTERENKO, Nikolai VERMEIREN, Walter GRASSO, Giacomo 	4. VAN DONK, Sander 5. GARCIA, Wolfgang
(73)	1. 2.	
(30)	1. (EP) 08158924.4 - 25-06-2008 2. (EP) 09154232.4 - 03-03-2009 3. (PCT/EP2009/057887) - 24-06-2009	
(74)	SMAS	
(12)	Patent	

(54)PROCESS TO MAKE OLEFINS FROM OXYGENATES Patent Period Started From 24/06/2009 and Will end on 23/06/2029

The present invention relates to a process to make light olefins, in a combined XTO-OC process, from an oxygen-containing, halogenidecontaining or sulphur-containing organic feedstock comprising : a) providing a catalyst comprising zeolitic molecular sieves containing 10 member and larger channels in their microporous structure, b) providing an XTO reaction zone, an OC reaction zone and a catalyst regeneration zone, said catalyst circulating in the three zones, such that at least a portion of the regenerated catalyst is passed to the OC reaction zone, at least a portion of the catalyst in the OC reaction zone is passed to the XTO reaction zone and at least a portion of the catalyst in the XTO reaction zone is passed to the regeneration zone; c) contacting said oxygenhalogenide-containing or sulphurcontaining organic containing. feedstock in the XTO reactor with the catalyst at conditions effective to convert at least a portion of the feedstock to form a XTO reactor effluent comprising light olefins and a heavy hydrocarbon fraction; d) separating said light olefins from said heavy hydrocarbon fraction; e) contacting said heavy hydrocarbon fraction in the OC reactor with the catalyst at conditions effective to convert at least a portion of said heavy hydrocarbon fraction to light olefins.

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

Egyptian Patent Office



PCT

(22) 09/12/2010

- (21) 2092/2010
- (44) November 2014
- (45) 21/04/2015
- (11) 27045

(51)	Int. Cl. ⁸ A61M 5/00
(71)	 RETRACTABLE TECHNOLOGIES, INC, (UNITED STATES OF AMERICA) SHAW THOMAS, J. (UNITED STATES OF AMERICA) 3.
(72)	 SHAW, Thomas, J SMALL, Mark ZHU, Ni
(73)	1. 2.
(30)	1. (US) 12/136.462 - 10-06-2008 2. (PCT/US2009/037742) - 20-03-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FLUID FLOW CONTROL DEVICE WITH RETRACTABLE CANNULA

Patent Period Started From 20/03/2009 and Will end on 19/03/2029

(57) A device having a housing; a cannula projecting fon/vardly from the housing; a connector useful for attaching the device to a fluid source or receptacle; a fluid flow path establishing fluid communication between the cannula and the connector; a retraction mechanism biasing the cannula away from its projecting position; and an actuator supported by the housing and configured to modify the fluid flow path so as to terminate fluid flow through the device, seal off the fluid flow path, and release the retraction mechanism to retract the cannula into the housing. The subject device is particularly preferred for use in the medical field, for example, as part of an infusion set or as a collection device for blood, or other fluids or flowable matter.

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

Egyptian Patent Office



PCT

- (22) 26/12/2012
- (21) 2142/2012
- (44) November 2014
- (45) 21/04/2015
- (11) 27046

(51)	Int. Cl. ⁸ C09K 8/36
(71)	1. M-I L.L.C. (UNITED STATES OF AMERICA) 2. 3.
(72)	 RIFE, Nathan YOUNG, Steven LEE, Lijein
(73)	1. 2.
(30)	1. (US) 61/360,391 - 30-06-2010 2. (PCT/US2011/042606) - 30-06-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FLAT RHEOLOGY WELLBORE FLUID Patent Period Started From 30/06/2011 and Will end on 29/06/2031

(57) Wellbore fluids comprising a flat rheology profile are disclosed herein. In one aspect, the invert emulsion wellbore fluid is formulated to include: an oleallinous fluid as the continuous phase of the invert emulsion well bore fluid, a non-oleaginous fluid as the discontinuous phase of the invert emulsion well bore fluid; an emulsifier; and a rheology modifier, wherein the rheology modifier is a polyamide formed by reacting an alcoholamine, a fatty acid, and polyamine, where the invert emulsion well bore fluid has a flat rheology profile.

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

Egyptian Patent Office



EGYPT

PCT

(22) 14/05/2013

(21) 0822/2013

(44) December 2014

(45) 22/04/2015

(11) 27047

(51)	Int. Cl. 8 G01V 1/36
(71)	 BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 3.
(72)	 CHEN, Jianfeng YANG, Xudong
(73)	1. 2.
(30)	1. (US) 12/959,819 - 03-12-2010 2. (PCT/US2011/062642) - 30-11-2011 3.
(74)	NAHED WADEAA REZK TARZY
(12)	Patent

(54)SELF ADAPTIVE TWO DIMENSIONAL LEAST SQUARE FILTER FOR DISTRIBUTED SENSING DATA

Patent Period Started From 30/11/2011 and Will end on 29/11/2013

(57) A method, apparatus and computer-readable medium for filtering a signal from a plurality of distributed sensors is disclosed. The signal is obtained from the plurality of distributed strain sensors. A first subspace of a measurement space of the obtained signal is selected, wherein the first subspace is characterized by a step having a selected step size. An error for a filter corresponding to the first subspace is estimated and the step size when the estimated error meets a selected criterion. A second subspace characterized by a step having the adjusted step size is selected and the signal is filtered by applying a filter corresponding to the second subspace.

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

Egyptian Patent Office



PCT

(22) |24/10/2012

(21) 1822/2012

(44) December 2014

(45) 22/04/2015

(11) | 27048

(51)	Int. Cl. 8 H01H 33/91	
(71)	1. CHINA XD ELECTRIC CO., LTD (China) 2. 3.	
(72)	1. ZHANG, Meng 2. LI, Xinyi 3. YANG, Peng	4. ZHANG, Xiaojing 5. MU, Shuanglu
(73)	1. 2.	
(30)	1. (CN) 201010262513.1 - 25-08-2010 2. (PCT/CN 2011/077969) 03/08/2011 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) ARC EXTINGUISH CHAMBER WITH HIGH CURRENT-CARRYING CAPABILITY FOR HIGH-VOLTAGE SWITCH EQUIPMENT

Patent Period Started From 03/08/2011 and Will end on 02/08/2031

(57) An arc extinguish chamber with high current-carrying capability for highvoltage switch equipment. An outermost layer of the arc extinguish chamber is an insulating support part with metal inserts at two ends, and comprises the metal inserts at the two ends thereof; a movable contact system and a static contact system of the arc extinguish chamber are arranged inside the insulating support part, and are coaxial with the insulating support part; and the metal insert at the static end of the insulating support part is connected with the static contact system of the arc extinguish chamber, and the metal insert at the movable end is connected with the movable contact system of the arc extinguish chamber. The arc extinguish chamber adopts the metal inserts guiding a current of a main loop to the insulating support part and the method for improving conductive part materials and structures in the main loop, so that the cross section of diversion is increased, the loop resistance is reduced, the radiating condition is improved, and the overall through-flow capability of the arc extinguish chamber is reinforced.

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

Egyptian Patent Office



PCT

(22) 01/09/2005

(21) PCT/NA2005/000507

(44) December 2014

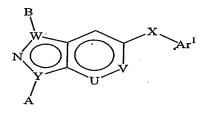
(45) 28/04/2015

(11) 27049

(51)	Int. Cl. 8 A61K	
(71)	1. ARRAY BIOPHARMA, INC. (UNIT 2. 3.	TED STATES OF AMERICA)
(72)	 MUNSON, Mark MARESKA, David, A. KIM, Youngboo GRONEBERG, Robert RIZZI, James RODRIGUEZ, Martha 	7. KIM, Ganghyeok 8. VIGERS, Guy 9. RAO, Chang 10. BALACHARI, Devan 11. HARVEY, Darren
(73)	1. 2.	
(30)	1. (DE) 10/378.164 - 03-03-2003 2. (DE) 10/688.849 - 15-10-2003 3. (PCT/US2004/005693) 25-02-2004	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) P38 INHIBITORS AND METHODS OF USE THEREOF Patent Period Started From 25/02/2004 and Will end on 24/02/2024

(57) This invention relates to inhibitors of p38, and methods for producing these inhibitors. The invention also provides pharmaceutical compositions comprising the inhibitors of the invention and methods of utilizing the inhibitors and pharmaceutical compositions in the treatment and prevention of various disorders mediated by p38.



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





PCT

(22) 30/08/2012

(21) | 1478/2012

(44) November 2014

(45) 29/04/2015

(11) 27050

(51)	Int. Cl. ⁸ B63B 35/44, 7/06 & F24J 2/52
(71)	1. HELIOVIS AG (AUSTRIA) 2. 3.
(72)	1. HÖFLER, Johannes 2. 3.
(73)	1. 2.
(30)	1. (AT) A 356/2010 - 05-03-2010 2. (PCT/AT2011/000100) - 02-03-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FLOATING PLATFORM Patent Period Started From 02/03/2011 and Will end on 01/03/2031

Floating platform having a flat cover element and a sealing element, which is connected to the cover element, makes a sealing contact with a liquid surface during operation and encloses a closed cavity together with the cover element and the liquid surface or a bottom surface, in which cavity an overpressure which supports the cover element can be produced by a compressed-air production apparatus, with at least one circumferential wall being provided as the sealing element, and having a sealing section which projects into the liquid during operation.

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

Egyptian Patent Office



PCT

- (22) 24/06/2010
- (21) |1091/2010
- (44) November 2014
- (45) 29/04/2015
- (11) 27051

(51)	Int. Cl. 8 F16L 58/02, 58/10, 9/147 & B29C 43/00 & B05D 7/22
(71)	 PILUGIN, Alexandr Nikolaevich (RUSSIAN FEDERATION) ZAMALEEV, Firdaus Usmanovich (RUSSIAN FEDERATION) GAYSIN, Malik Favzavievich (RUSSIAN FEDERATION)
(72)	 PILUGIN, Alexandr Nikolaevich ZAMALEEV, Firdaus Usmanovich GAYSIN, Malik Favzavievich
(73)	1. 2.
(30)	1. (RU) 2007149567 - 27-12-2007 2. (PCT/RU2009/000047) - 04-02-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) TUBING WITH AN INNER COATING PROTECTING IT AGAINST DEPOSITS AND A METHOD FOR APPLYING SAID **COATING**

Patent Period Started From 04/02/2009 and Will end on 03/02/2029

(57) The invention relates to the oil-producing industry and is directed at protecting against asphaltic-resin-paraffin deposits on the inner surface of tubings. A polyurethane coating, the surface of which becomes glossy after hardening, is applied on the inner wall of the tubing. The coating is applied on the pre-cleaned and degreased inner wall of the tubing by pumping polyurethane until an annular cavity formed by the inner wall of the tubing and a plunger is filled. In order to achive the coating glossy finish, a plunger, the outer surface of which has roughness not less than 9th surface finish class, is used.

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

Egyptian Patent Office



- (22) 02/12/2010
- (21) 2040/2010
- (44) December 2014
- (45) 30/04/2015
- (11) 27052

(51)	Int. Cl. ⁸ G01V 1/30	
(71)	1. PGS GEOPHYSICAL AS (NORWAY)	
	2.	
	3.	
(72)	1. ROALD G. Van Borselen	4. JACOB T. Fokkema
, ,	2. CHRISTINA D. Riyanti	5. PETER M. Van Den Berg
	3. CHRISTOPHER P. Page	
(73)	1.	
	2.	
(30)	1. (US) 12/653,099 - 07-12-2009	
(00)	2.	
	3.	
(74)	MOHAMAD KAMEL MOSTAFFA	
(12)	Patent	

(54) METHOD FOR FULL-BANDWIDTH SOURCE DEGHOSTING OF MARINE SEISMIC STREAMER DATA

Patent Period Started From 02/12/2010 and Will end on 01/12/2030

(57) Seismic data recorded in a marine streamer are obtained, /sorted as a common receiver gather. A complex Laplace frequency parameter is used to transform the seismic data from a space-time domain to a spectral domain. An iterative conjugate gradient scheme, using a physically-based preconditioner, is applied to the transformed seismic data to provide a least squares solution to a normal set of equations for a source deghosting system of equations. The solution is inverse-transformed back to a space-time domain to provide source deghosted seismic data, which is useful for imaging the earths subsurface.

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





PCT

(22) 14/02/2011

(21) 0251/2011

(44) December 2014

(45) 30/04/2015

(11) 27053

(51)	Int. Cl. ⁸ A63B 22/02
(71)	1. CHANG, HUANG-TUNG (CHINA) 2.
	3.
(72)	1. CHANG, Huang-Tung
	2. 3.
(73)	1. 2.
(30)	1. (CN) 201010125105.1 - 16-03-2010 2. 3.
(74)	MAHMOUD ADEL ABDEL-HAMID ISMAIL
(12)	Patent

(54) BUFFER BOARD FOR TREADMILL Patent Period Started From 14/02/2011 and Will end on 13/02/2031

A buffer board for a treadmill includes a bamboo strip portion and an endurable slide plate. The bamboo strip portion is composed of at least one longitudinal bamboo strip and at least one transverse bamboo strip. The longitudinal bamboo strip and the transverse bamboo strip are crosswise knitted to constitute a woven bamboo plate. The woven bamboo plate can be stacked one by one to constitute a stack of woven bamboo plates in a desired thickness for enhancing the strength of the buffer board. The longitudinal bamboo strips connected side by side and the transverse bamboo strips connected side by side are stacked up to constitute a laminated bamboo board. The upper woven bamboo plate or the laminated bamboo board is attached with the endurable slide board. After being applied with a press force, the surface of the endurable slide board is formed with concave-convex massage pattern according to the pattern of the woven bamboo plate or the laminated bamboo board. The buffer board constituted by the woven bamboo plate or the laminated bamboo board or both provides a better buffer effect and a foot massage effect.

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





PCT

(22) 26/11/2012

(21) 1969/2012

(44) December 2014

(45) 30/04/2015

(11) 27054

(51)	Int. Cl. ⁸ H01B 7/36, 13/14, 13/34	
(71)	1. PRYSMIAN CABLES ET SYSTEMES FRANC 2. 3.	CE (FRANCE)
(72)	 PONS, Jean-Louis BARBEDETTE, Jean JORAND, Thierry 	4. BASTIDE, Dominique 5. COLOMBIER, Sergr e
(73)	1. 2.	
(30)	1. (FR) 1054146 - 28-05-2010 2. (PCT/EP2011/058752) - 27-05-2011 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) CABLE INCLUDING A REMOVABLE INDICATOR STRIP, AND METHOD AND MACHINE FOR MANUFACTURING SUCH A CABLE

Patent Period Started From 27/05/2011 and Will end on 26/05/2031

(57) The invention relates to a cable that includes a protective sheath in which at least one conductor is placed. The protective sheath has a minimum thickness and an outer diameter within a range of values defined by a predetermined standard. The cable also includes at least one removable indicator strip that: longitudinally extends over at least one arc portion of the outer circumferential surface of the protective sheath; is made of a material enabling the at least one removable indicator strip to adhere to the protective sheath while being detachable from the protective sheath, without having an adverse effect thereon, by applying, by means of unity of width of the at least one removable indicator strip, a removal force that is greater than a predetermined threshold; and has a thickness such that the protective sheath outer diameter, increased from the thickness of the at least one removable indicator strip, is within the range of values.

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





- (22) 12/10/2009
- (21) 1497/2009
- (44) December 2014
- (45) 30/04/2015
- (11) 27055

(51)	Int. Cl. ⁸ G01V 1/50
(71)	1. PGS GEOPHYSICAL AS (NORWAY) 2. 3.
(72)	 ANTHONY, James Day GUILLAUME, Cambois 3.
(73)	1. 2.
(30)	1. (US) 12/288.377 - 20-10-2008 2. 3.
(74)	MOHAMAD KAMEL MOSTAFFA
(12)	Patent

(54) METHOD FOR DETERMINING FORMATION QUALITY FACTOR FROM DUAL-SENSOR MARINE SEISMIC SIGNALS Patent Period Started From 12/10/2009 and Will end on 11/10/2029

(57) A method for estimating formation quality factor includes determining an upgoing pressure wavefield of seismic signals recorded using a collocated pressure responsive sensor and motion responsive sensor deployed in a body of water The upgoing wavefield has spectral effect of water surface ghosting attenuated by combining the pressure responsive signals and motion responsive signals. The quality factor is determined by determining a difference in amplitude spectra between a first seismic event and a second seismic event in the upgoing pressure wavefield.

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GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED MAY IN 2015"

Egyptian Patent Office

Issue No 228 JUNE 2015

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(PATENT No. 27090)	(36)

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(PATENT No. 27092)	(38)
(PATENT No. 27093)	(39)
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Preface

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

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

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

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

Bibliographic data

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
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Abstract	57
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Inventor Name	72
Patentee Name	73
Patent Attorney Name	74

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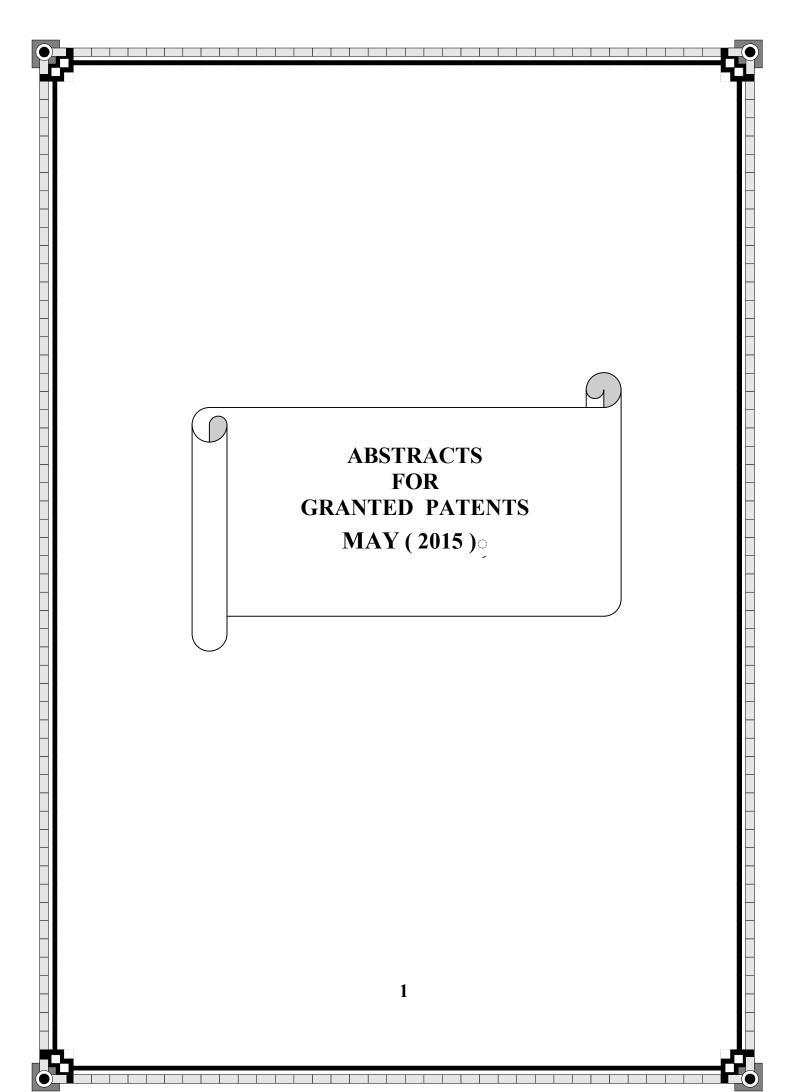
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TR	Turkey
TT	Trindad and Topago
TW	Taiwan
TZ	United Republic of Tanzania
UA	Ukraine
UG	Uganda
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

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



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



PCT

- (22) 16/12/2009
- (21) 1839/2009
- (44) December 2014
- (45) 03/05/2015
- (11) 27056

(51)	Int. Cl. ⁸ H04L 12/56	
(71)	1. TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2. 3.	
(72)	 JERSENIUS, Kristina WIEMANN, Henning LARMO, Anna 	4. MOBERG, Peter 5. ENGLUND, Eva
(73)	1. 2.	
(30)	1. (SE) 0701516,7- 19-06-2007 2. (PCT/SE2007/051044) 19-12/2007 3.	
(74)	NAHED WADEA RIZK TARZY	
(12)	Patent	

(54) METHODS AND SYSTEMS FOR SCHEDULING RESOURCES IN A TELECOMMUNICATION SYSTEM

Patent Period Started From 19/12/2007 and Will end on 18/12/2027

(57) Aspects of the present invention relate to the scheduling of resources in a telecommunication system that includes a mobile terminal and base station. In one embodiment, the mobile terminal sends an initial scheduling request to a base station. Subsequently, the mobile terminal does not transmit a scheduling request to the base station unless and until a scheduling request triggering event is detected.

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





PCT

(22) 21/06/2009

(21) | 0945/2009

(44) December 2014

(45) |03/05/2015

(11) 27057

(51)	Int. Cl. ⁸ A61M 15/00
(71)	1. ALMIRALL, S.A. (SPAIN)
	2. 3.
(72)	1. HERDER, Martin
	2. LUDANEK, Gerhard 3. METT, Ingo
(73)	1.
	2.
(30)	1. (DE) 10 2006 062062 - 22-12-2006
	2. (PCT/EP2007/011372) - 21-12-2007 3.
(74)	NAHED WADEA RIZK TARZY
(12)	Patent

(54) INHALATION DEVICE FOR DRUGS IN POWDER FORM Patent Period Started From 21/12/2007 and Will end on 21/12/2027

To provide an inhalation device which has improved use properties, particularly advanced moisture protection while in use, an inhalation device for powder drugs is proposed comprising at least one storage chamber for accommodating a plurality of drug powder doses and a dosing device which includes at least one dosing slider which is movable approximately with a translatory movement in a dosing slider passage at least from a filling position into an emptying position, wherein the inhalation device further includes a device for inhalation-triggered automatic movement of the dosing slider from its filling position into the emptying position and a return device for automatic movement of the dosing slider back into the filling position.

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

Egyptian Patent Office



PCT

(22) 30/09/2010

(21) 1657/2010

(44) | December 2014

(45) |04/05/2015

(11) 27058

(51)	Int. Cl. 8 A61F 13/49, 13/56
(71)	1. Uni-Charm Corporation (JAPAN) 2. 3.
(72)	 SAKAGUCHI, Satoru 3.
(73)	1. 2.
(30)	1. (JP) 2008-094108 - 31-03-2008 2. (PCT/JP2009/055839) - 24-03-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)ABSORBENT PRODUCTS Patent Period Started From 24/03/2009 and Will end on 23/03/2029

Disclosed is an absorbent product wherein a pair of foldable parts (50a, 50b) that can be folded back is formed on both sides in the width direction of the absorbent product on portions of a flap (30). On the pair of foldable parts (50a, 50b), fastening parts (40a, 40b) that can fasten to prescribed areas of a front torso-surrounding part (20b) or a back torso-surrounding part (20a) are respectively disposed. The flap (30) is connected to the front torso-surrounding part (20b) or the back torso-surrounding part (20a) at the two ends (A1, A2) in the width direction of the absorbent product. Between the two ends (A1, A2) and the foldable parts (50a) and (50b), non-connected areas (D) are provided where the flap (30) is not connected to the front waistline member (20b) or the rear waistline member (20a).

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

Egyptian Patent Office



PCT

(22) 04/02/2013

(21) 0187/2013

(44) November 2014

(45) |04/05/2015

(11) 27059

(51)	Int. Cl. ⁸ G01V 1/00
(71)	1. BP CORPORATION NORTH AMERICA INC. (UNITED STATES OF AMERICA)
	3.
(72)	1. ABMA, Raymond, L.
	2.
	3.
(73)	1.
	2.
(30)	1. (US) 12/851,590 - 06-08-2010
()	2. (PCT/US2011/045362) - 26-07-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

METHOD FOR SEPARATING INDEPENDENT SIMULTANEOUS **SOURCES**

Patent Period Started From 26/07/2011 and Will end on 25/07/2031

(57) This is a method of separating simultaneous sources that uses an inversiontype approach. Each source will preferably activated at a random time with respect to the others. These random delays tend to make the interference between sources incoherent while the reflections create coherent events within a series of shots. The shot separation is performed via a numerical inversion process that utilizes the sweeps for each shot, the start times of each shot, and the coherence of reflection events between nearby shots. Implementation of this method will allow seismic surveys to be acquired faster and cheaper.

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





PCT

(22) 27/01/2011

(21) 0167/2011

(44) November 2014

(45) 05/05/2015

(11) 27060

(51)	Int. Cl. 8 C23C 18/18,18/31,18/42
(71)	1. JET METAL TECHNOLOGIES (FRANCE) 2. 3.
(72)	 STREMSDOERFER, SAMUEL 3.
(73)	1. 2.
(30)	1. (FR) 0855262 - 30-07-2008 2. (PCT/EP2009/059889) 30-07-2009 3.
(74)	MOHAMED MOHAMED BAKEER
(12)	Patent

(54) METHOD OF NON – ELECTROLYTIC METAL-COATING OF CURED SUBSTRATE SURFACE

Patent Period Started From 30/07/2009 and Will end on 29/07/2029

(57) One subject of the present invention is a method of metalizing the surface of a substrate electrolessly by spraying one more oxidation-reduction solutions thereonto, which method is industriallizable, automatable, clean, multi-substrate and optimized in terms of adhesion and decorative appearance. To achieve this, the method involves the following steps: a) physical or chemical treatment to reduce the surface tension of the substrate before metallization, b) electroless metallization of the surface of the substrate treated in step a) by spraying one or more oxidation-reduction solutions in the form of one or more aerosols thereonto, and c) formation of a top coat on the metalized surface. Other subjects of the invention are the compact devices for implementing this method and the products obtained, namely in particular, hollow glass flasks, especially for cosmetic use automotive parts, parts for home electronics or for aeronautics, and electronic parts such as conducting tracks, radio frequency label antennas or coatings for electromagnetic screeing.

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

Egyptian Patent Office



PCT

(22) 10/11/2008

(21) | 1831/2008

(44) December 2014

(45) 06/05/2015

(11) 27061

(51)	Int. Cl. ⁸ B05D 5/06 & C09D 11/00	
(71)	 SICPA HOLDING S.A (SWITZERLAND) 3. 	
(72)	 DEGOTT, Pierre DESPLAND, Claude-Alain MAGNIN, Patrick VEYA, Patrick 	5. SCHMID, Mathieu6. MULLER, Edgar7. STICHELBERGER, Albert
(73)	1. 2.	
(30)	1. (EP) 06113891.3 - 12-05-2006 2. (PCT/EP2007/052993) - 29/03/2007 3.	
(74)	NAHED WADEA RIZK TARZY	
(12)	Patent	

COATING COMPOSITION FOR PRODUCING MAGNETICALLY **INDUCED IMAGES**

Patent Period Started From 29/03/2007 and Will end on 28/03/2027

(57) The present invention is related to a coating composition for the production of a magnetically induced image, consisting of volatile components and non-volatile components, the latter consisting of an ink vehicle and magnetically orientable optically variable interference pigment, to a process for manufacturing the coating composition, and to the use of the composition for the production of a magnetically induced image coating on a substrate with the help of applied magnetic fields. Said magnetically induced image coating may be used as a security device on value- or identity documents, brand protection labels and the like.

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



(22) 14/02/2012

(21) 0261/2012

(44) January 2015

(45) 07/05/2015

(11) 27062

(51)	Int. Cl. ⁸ B22D 00/13, 10/13
(71)	1. IBRAHIM YOUSSEF ABDEL RAHMAN ELGINDY (EGYPT)
,	2.
	3.
(72)	1. IBRAHIM YOUSSEF ABDEL RAHMAN ELGINDY
()	2.
	3.
(72)	1,
(73)	
	2.
(30)	1.
	2.
	3.
(74)	
(12)	Patent

(54) MANUFACTURING PIPES FROM LINEX COATING

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

(57) LINEX is formed by mixing two liquids under high Pressure and high temperature, Inside the Machine pulling, The trigger of gun, the two components get mixed in a chamber close to the exit forming spray which solidifies in 3 seconds, placing a (Mandrel) in front of the gun a layer of LINEX Coating Shall be formed taking the Shape of the pipe, until the desired thickness is reached, the prepared pipe shall collaps to allow LINEX Pipe to be removed and leave the prepared Pipe ready to make another Pipe.

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





- (22) 29/05/2012
- (21) 0960/2012
- (44) November 2014
- (45) 10/05/2015
- **(11)** | 27063

(51)	Int. Cl. ⁸ B22D 00/13, 10/13
(71)	1. ALAA EL-DIN MOHAMED EL-GHAMRY (EGYPT)
	2. 3.
(72)	1. ALAA EL-DIN MOHAMED EL-GHAMRY 2.
	3.
(73)	1.
(20)	2.
(30)	1. 2.
	3.
(74)	UTILITY MODEL
(12)	Patent

(54) HAND ELECTRIC GENERATOR FROM THE CORRUPT DISC COMPACT UNIT

Patent Period Started From 29/05/2012 and Will end on 28/05/2019

(57) The mechanical part of the corrupt disc compact unit (CD? DVD) is used as following: - a -The motor of disc compact unit which open or close door of disc is used as dynamo generator (electric generator). b - Group of light emitter diodes (LED) are connected to the motor terminals (two pole tip) on the parallel. c - Similarly, group the condensers which store electric charges (electric energy) are connected to the motor terminals on the parallel. D? Push door of the disc compact unit to input and out put by the hand, soon, the motor (it used as dynamo) convert kinetic energy to electric energy, therefore, light emitter diodes (LED) are lighted.

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

Egyptian Patent Office



PCT

(22) 09/08/2010

(21) | 1338/2010

(44) November 2014

(45) 10/05/2015

(11) 27064

(51)	Int. Cl. ⁸ C03C 17/36,17/40
(71)	 SAINT-GOBAIN GLASS FRANCE (FRANCE) 3.
(72)	 GOUARDES, Eric HENRY, Sebastien BELLIOT, Sylvain
(73)	1. 2.
(30)	1. (FR) 0851263 -27-02-2008 2. (PCT/FR2009/050299) - 25-02-2009 3.
(74)	ABD ELHADI OFFICE FOR I.P.
(12)	Patent

(54) GLASS SUBSTRATE FOR SOLAR PROTECTION WITH IMPROVED LIGHT TRANSMISSION COEFFICIENT

Patent Period Started From 25/02/2009 and Will end on 24/02/2029

(57) The subject of the invention is a transparent glass substrate comprising at least one glass sheet provided with a thin-film multilayer coating acting on solar radiation, having a light transmission of greater than 10% and an emissivity of less than 50% after a heat treatment, such as a bending or toughening treatment, characterized in that said multilayer coating comprises: - a niobium Nb functional layer with a thickness of between about 5 nm and about 35 nm, - at least one layer of another material, chosen from the group formed by Ti, Mo, B, Al or an alloy comprising at least one of these elements, which is placed relative to the glass substrate above the functional layer, said layer having a thickness of between about 1 nm and about 5 nm. The invention also relates to monolithic glazing or double glazing incorporating such a substrate.

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

Egyptian Patent Office



PCT

(22) 03/06/2010

(21) 0937/2010

(44) December 2014

(45) 10/05/2015

(11) 27065

(51)	Int. Cl. 8 B01J 35/00, 37/00, 37/02, 37/08		
(71)	1. INEOS USA LLC. (UNITED STATES OF AMERICA) 2. 3.		
(72)	 SUTRADHAR, Bhagya Chandra SZABO, Thomas, I HADDAD, Munin S. 	4. TOFT MARK A 5. PABAREZOS, CHRISTOS 6. BODUO ALA LENA K	
(73)	1. 2.		
(30)	1. (US) 11/999,332 - 04-12-2007 2. (PCT/US2008/013279) - 02-12-2008 3.		
(74)	SAMAR AHMED EL- LABBAD		
(12)	Patent		

METHOD OF MAKING MIXED METAL OXIDE CATALYSTS (54)FOR AMMOXIDATION AND/OR OXIDATION OF LOWER ALKANE HYDROCARBONS

Patent Period Started From 02/12/2008 and Will end on 01/12/2028

(57) The present invention comprises a method for preparing a mixed oxide catalyst for use in producing acrylonitrile or methacrylonitrile from propane or isobutene by ammoxidation in a gaseous phase via methods of heating or calcining precursor solid mixture to obtain mixed metal oxide catalyst compositions that exhibit catalytic activity.

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

Egyptian Patent Office



- (22) 10/09/2012
- (21) 1545/2012
- (44) December 2014
- (45) 11/05/2015
- **(11)** | 27066

(51)	Int. Cl. 8 A23L 1/00, 2/00
(71)	1. MONA IBRAHIM MASOUD HASSAN (EGYPT) 2. SHIRIN AHMED NABIL KHATTAB 3. AYMAN SADIQ AHMED EL-FAHHAM 4. YAHYA EL-SAYED GAD EL-SAYED
(72)	1. MONA IBRAHIM MASOUD HASSAN 2. SHIRIN AHMED NABIL KHATTAB 3. AYMAN SADIQ AHMED EL-FAHHAM 4. YAHYA EL-SAYED GAD EL-SAYED
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) PRODUCTION OF NEW SWEETNE: GLYCINO STEVIA AND ALANINO STEVIA FROM STEVIOSIDE SWEETENERS

Patent Period Started From 10/09/2012 and Will end on 09/09/2032

(57) Production of new sweeteners of stevioside through the decomposition of the ester association of enzymatically or chemically and followed of degradation products using thin layer chromatography (TLC) and methods of infrared spectroscopy IR spectrum and nuclear magnetic resonance NMR to identify of the middle compound. Using coupled factors used in the preparation of peptides is coupled with Central Composite esters of amino acids (sitters or squealing). Sweeteners resulting were identified by TLC and IR and NMR. Sweeteners resulting were soluble in water and ethanol. Sweeteners are high indensity low calorie natural sweetener appoximately 90-150 time sweeter than sucrose.

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





PCT

- (22) 22/11/2012
- (21) 1941/2012
- (44) January 2015
- (45) 12/05/2015
- (11) 27067

(51)	Int. Cl. ⁸ F23D 14/06, 14/08	
(71)	1. SOMIPRESS - SOCIETA' METALLI INIETTATI S.P.A. (ITALY) 2. 3.	
(72)	 QUINTABA', Andrea MANDOLESI, Andrea SERENELLINI, Paolo 	4. GIORGETTI, Gianluca
(73)	1. 2.	
(30)	1. (IT) AN2011A000051 - 19-04-2011 2. (PCT/EP2012/056883) - 16-04-2012 3.	
(74)	WAGDY N. AZIZ	
(12)	Patent	

(54)GAS BURNER WITH INWARD - FACING FLAME

Patent Period Started From 16/04/2012 and Will end on 15/04/2032

(57) A gas burner with inward-facing flame is disclosed, comprising a base body comprising a chamber connected to a radial venturi pipe fed by a gas injector; a mixing body with toroidal base that defines a toroidal mixing chamber communicating with the chamber of the base body; a circular upper cover with internal surface facing towards the axis of the upper cover, wherein a plurality of holes is obtained, in communication with the mixing chamber for inward-facing emission of flames.

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





PCT

(22) 20/06/2010

(21) 1057/2010

(44) January 2015

(45) 12/05/2015

(11) | 27068

(51)	Int. Cl. 8 C01B 21/072 & C01F 1/00, 7/00
(71)	1. NATIONAL CENTER FOR RESEARCHES (EGYPT) 2. 3.
(72)	 MAHMOUD AHMED ABDEL-GHAFFAR ELHAM AHMED YOUSSEF OSAMA AHMED FOUAD HANAFY MAHMOUD MAHMOUD MOHAMED ALI AHMED EL ASHRY
(73)	1. 2.
(30)	1. 2. 3.
(74)	NATIONAL CENTER FOR RESFARCHES- FOCAL POINT WITH EGYPTIAN PATENT OFFICE - REPRESENTED BY: MAGDA MOHASEB EL SAYED
(12)	Patent

NOVEL METHOD FOR PREPARATION OF ALUMINUM NITRIDE BASED ON MELAMINE PRECURSOR FOR INDUSTRIAL APPLICATIONS

Patent Period Started From 20/06/2010 and Will end on 19/06/2030

(57) Previous studies reported in the literature confirm that ceramic fillers especially nitrides and carbides reveal high heat stability due to their refractory properties. Therefore, the invention is concerned with the synthesis of aluminum nitride ceramic filler via novel aluminum precursor based on melamine powder followed by pyrolysis in an inert atmosphere of nitrogen or argon taking into consideration the various optimum parameters that can affect the formation of the final product (e.g. temperature, time of reaction and type of inert gas?etc.). The prepared aluminum precursor and the formed nitride product were characterized and their structures were investigated by spectrometric measurements e.g. FTIR, XRD, SEM, in addition to thermal gravimetric analysis TGA. The importance of these results is due to the possibility for industrial applications and military equipments.

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



(22) 24/08/2010

(21) 1426/2010

(44) January 2015

(45) 12/05/2015

(11) 27069

(51)	Int. Cl. ⁸ C09D 5/08
(71)	 NATIONAL CENTER FOR RESEARCHES (EGYPT) .
	3.
(72)	1. MAHMOUD AHMED ABDEL-GHAFFAR
	2. ELHAM AHMED YOUSSEF
	3. OSAMA AHMED FOUAD HANAFY MAHMOUD
	MAHMOUD MOHAMED ALI AHMED EL ASHRY
(73)	1.
(10)	2.
(30)	1.
(00)	2.
	3.
(74)	NATIONAL CENTER FOR RESFARCHES FOCAL POINT WITH EGYPTIAN PATENT
(, ,	OFFICE - REPRESENTED BY: MAGDA MOHASEB EL SAYED
(12)	Patent
` ′	

(54) METHOD FOR PREPARATION OF HEAT RESISTANT ANTICORROSIVE PAINT FORMULATIONS

Patent Period Started From 24/08/2010 and Will end on 23/08/2030

(57) Invention aims to prepare products of heat resistant anti-corrosive solvent-based paint formulations that includes introduction of certain doses of of the aluminume nitride and boron nitride individually with some bigments, fillers, organic solvents, in addition to the binder (silicon resin) into paint formulations. The coated steel panels of the various paint formulations containing aluminume nitride or boron nitride have shown excellent physico-mechanical properties and charactrized with heat resistance (up to >535¢°C) higher than temperatures specified by international standered test methods (425°C). In addition, these prepared coating products are ennvironmentally acceptable and economically feasable. They are also applied in industrial and military purposes especially for equipments which require heat resistant and corrosion protection.

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



(22) 21/11/20	07
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(21) 0606/2007

(44) January 2015

(45) 12/05/2015

(11) | **27070**

	T . CI 8 . CIAD A0/A
(51)	Int. Cl. ⁸ C30B 29/36
(71)	1. NATIONAL CENTER FOR RESEARCHES (EGYPT)
	2.
	3.
(72)	1. Dr Mahmoud Farag Mahmoud Zawrah
	2. Prof. Dr. Leon Shaw
	3.
(73)	1.
	2.
(30)	1.
()	2.
	3.
(74)	NATIONAL CENTER FOR RESFARCHES FOCAL POINT WITH EGYPTIAN PATENT
(, ,	OFFICE - REPRESENTED BY: MAGDA MOHASEB EL SAYED
(12)	Patent
()	

(54) UTILIZATION OF WASTE SILICA FUME FOR PREPARATION OF NANO SILICON CARBIDE POWDER VIA AN INTEGRATED MECHANICAL AND THERMAL ACTIVATION PROCESS

Patent Period Started From 21/11/2007 and Will end on 21/11/2027

(57) This invention aims at preparation and characterization of nano silicon carbide (Cubic structure – Nano B-SIC) powder from waste material (silica fume) as starting material. Silica fume contains more than 94-97 wt.-% of silicon dioxide (SiO₂) and produced as a waste material from slicon and ferro-silicon alloy industry in Egypt. This waste material causes many pollution problems. In this invention, the preparation of advanced material from waste material considers as a double aim, the first aim is consuming the waste material, while the second is production of nano material (nano silicon carbide) which has different applications.

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



(22) 29/04/2007

(21) 0206/2007

(44) January 2015

(45) 12/05/2015

(11) |27071

(51) Int. Cl. 8 B41M 1/12 & C09D 11/02, 11/10, 11/14

(71) 1. NATIONAL CENTER FOR RESEARCHES. (EGYPT)
2. 3.

(72) 1. NATIONAL CENTER FOR RESEARCHES
2. 3.

(73) 1. 2.

(30) 1. 2.

(30) 1. 2.

(74) NATIONAL CENTER FOR RESFARCHES FOCAL POINT WITH EGYPTIAN PATENT OFFICE - REPRESENTED BY: MAGDA MOHASEB EL SAYED

(12) Patent

(54) CARBON INK MODIFIED WITH CHITOSAN OF GOOD ELECTRICA CONDUCTIVITY AND METHOD FOR PREPARATION

Patent Period Started From 29/04/2007 and Will end on 28/04/2027

(57) The present patent "carbon ink modified with chitosan of good electrical conductivity and method for preparation" deals with the possibility of preparation of carbon ink with high resistance towards chemicals and interfering ions aiming to print on a solid substrate forming a thick conductive layer of composite material usable as chemical sensor. The ink is made of a polymeric binder, graphite particles and solvent with/without chitosan to improve the sensor performance. The solid substrate is ceramic or plastic material and preferably disposable X-ray plate. After evaporation of the solvent during curing stage, a conductive carbon track was produced can be used for fabrication of electrochemical sensors.

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





PCT

(22) 14/06/2012

(21) 1115/2012

(44) December 2014

(45) 12/05/2015

(11) 27072

(51)	Int. Cl. ⁸ C22B 7/00
(71)	1. ENI S.P.A. (ITALY) 2. 3.
(72)	 BARTOLINI, Andrea POLLESEL, Paolo SENTIMENTI, Emilio
(73)	1. 2.
(30)	1. (IT) MI2009A002182 - 14-12-2009 2. (PCT/EP2010/007627) - 13-12-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS FOR RECOVERING METALS FROM A STREAM RICH IN HYDROCARBONS AND CARBONACEOUS RESIDUES

Patent Period Started From 13/12/2010 and Will end on 12/12/2030

(57) A process for recovering metals from a stream rich in hydrocarbons and carbonaceous residues by means of a treatment section characterized in that it comprises the following steps: Sending said stream to an extraction by mixing said stream with a suitable hydrophilizing agent, i.e. being capable of removing the hydrophobic qualities of said stream sending the mixture consisting of said stream and said hydrophilizing agent to separation, separating a liquid phase containing most of the hydrophilizing agent and hydrocarbons dissolved from a "solid" phase; preferably subjecting the "solid" phase separated to drying effected at a maximum temperature of 3500C in order to remove the medium- light hydrocarbon components from the "solid" phase; sending the "solid" phase separated, preferably dried, to leaching with an alkaline solution in the presence of air and/or oxygen and possibly in the presence of an emulsifying agent or its precursor; sending the leached mixture to separation, separating the solid residue from the liquor.

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





PCT

- (22) 03/11/2011
- (21) 1885/2011
- (44) December 2014
- (45) 12/05/2015
- (11) 27073

Int. Cl. ⁸ B01D 61/36
1. ENI S.P.A. (ITALY) 2. 3.
1. MIGLIO, Roberta, Lino 2. LOCATELLI, Lino 3.
1. 2.
1. (IT) MI2009A 000769 _ 06-05-2009 2. (PCT/EP2010/002491) - 22-04-2010 3.
SAMAR AHMED EL LABBAD Patent
1 2 3 1 2 3 5

(54) PROCESS FOR THE PURIFICATION OF AN AQUEOUS STREAM COMING FROM THE FISCHER-TROPSCH REACTION

Patent Period Started From 22/04/2010 and Will end on 21/04/2030

(57) Process for the purification of an aqueous stream coming from the Fischer-Tropsch reaction which comprises feeding said aqueous stream to one or more pervaporation units obtaining an aqueous stream enriched in oxygenated organic compounds (retentate side) and an aqueous stream enriched in water (permeate side), feeding said aqueous stream enriched in oxygenated organic compounds to a saturator obtaining a gaseous stream leaving the saturator, feeding said gaseous stream to a synthesis gas production plant. Said process allows at least a part of the aqueous stream coming from the Fischer-Tropsch reaction to be used as process water in a synthesis gas production plant, subsequently sent to a Fischer-Tropsch plant for the production of hydrocarbons.

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





- (22) 11/07/2012
- (21) 1244/2012
- (44) January 2015
- (45) 18/05/2015
- (11) 27074

(51)	Int. Cl. ⁸ E03F 9/00 , 9/053 & B08B 9/04
(71)	1. HASSAN MORSY EL-DAKHAKHNY (EGYPT) 2. 3.
(72)	1. HASSAN MORSY EL-DAKHAKHNY 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	UTILITY MODEL

(54) METHOD AND WAY TO ENTERTAIN DRAINAGE PIPE BY USING AIR TRAPPED

Patent Period Started From 11/07/2012 and Will end on 10/07/2019

(57) This present invention related to method and way to entertain waste water pipe by air trapped. By using a method added to the sewage suction trucks, and adopt this method on the use of this medium in the custody of the air inside the sewer pipes clogged then the air pressure is trapped by vehicles using the suction centrifugal sewage pipe what the obstacles. This means a pipe of iron diameter approximately Qatar hose suction vehicles suction drainage and installed Bpartyha framework of rubber through in soldered pipe where the contact pipe steel hose suction vehicle suction sewage is then entered on the party that is installed by the frame rubber inside pipe sanitation and is inflated Alotarmen online through a hose drum air present the highest manhole causing the imprisonment of the air inside the pipe is then run exchange vehicle suction drainage for the pressure and the payment of this compressed air in the direction barriers and impurities drainage pipe which works to expel and fragment exchange pipe and wiring.

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



PCT

(22) 12/07/2012

(21) 1210/2012

(44) December 2014

(45) 18/05/2015

(11) 27075

(51)	Int. Cl. 8 C07C 273/04
(71)	1. STAMICARBON B.V. (NETHERLANDS) 2. 3.
(72)	1. MENNEN, Johannes Henricus 2. 3.
(73)	1. 2.
(30)	1. (EP)10150235.9 – 07-01-2010 2. (PCT/NL2011/050012) - 07-01-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A UREA STRIPPING PROCESS FOR THE PRODUCTION OF UREA

Patent Period Started From 07/01/2011 and Will end on06/01/2031

(57) The invention relates to a process for producing urea wherein an aqueous urea solution, leaving a urea reaction zone is fed to a stripper, where a part of the non-converted ammonia and carbon dioxide is separated from the aqueous urea solution, which solution leaves the stripper to a first recovery section of one or more serial recovery sections and is subsequently fed to one or more urea concentration sections, wherein the urea solution leaving the stripper is subjected to an adiabatic expansion, thus creating a vapor and a liquid, which are separated before the liquid enters a first recovery section and the vapor is condensed. The invention further relates to a urea plant comprising a stripper and a first recovery section, wherein an adiabatic expansion valve and a liquid/gas separator is provided between the stripper and the first recovery section.

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





PCT

(22) 22/09/2010

(21) 1598/2010 (44) January 2015

(45) 18/05/2015

(11) 27076

(51)	Int. Cl. 8 C04B 22/08, 24/12, 28/06
(71)	1. LAFARGE (FRANCE) 2. 3.
(72)	 GARTNER, Ellis MORIN, Vincent
(73)	1. 2.
(30)	1. (FR) 08356056.5 - 28-03-2008 2. (PCT/IB2009/005415) - 24-03-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) ADDITIVES FOR CEMENT Patent Period Started From 24/03/2009 and Will end on 23/03/2029

The invention provides a belite-calcium sulphoaluminate-ferrite (BCSAF) cement composition comprising: a BCSAF clinker which clinker has the following mineralogical composition, based on the total weight of the clinker: 5 to 25%, preferably 10 to 20%, of a calcium aluminoferrite phase having the general formula C2AxF(1-X), wherein X is from 0.2 to 0.8; 15 to 35% of a calcium sulphoaluminate phase; 40 to 75% of belite (C2S); from 0.01 to 10% in total of one or more minor phases selected from calcium sulphates, alkali metal sulphates, perovskite, calcium aluminates, gehlenite, free lime and periclase and/or a vitreous phase; and an alkanolamine.

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

Egyptian Patent Office



PCT

(22) 16/06/2010

(21) |1013/2010

(44) January 2015

(45) 19/05/2015

(11) 27077

(51)	Int. Cl. ⁸ C02F 1/76
(71)	1. INFRACOR GMBH (GERMANY) 2. 3.
(72)	1. DUVE, Hans 2. 3.
(73)	1. 2.
(30)	1. (DE) 10 2007 061 360.3 - 19-12-2007 2. (DE) 10 2008 041 081.0 - 07-08-2008 3. (DE) 10 2008 042 424.2 - 29-09-2008 4. (PCT/EP2008/066428) - 28-11-2008
(74)	REZK, SOHEER, MICHEAL
(12)	Patent

(54)METHOD FOR THE TREATMENT OF WATER USING **CHLORINE DIOXIDE**

Patent Period Started From 28/11/2008 and Will end on 27/11/2028

(57) The invention relates to a method for the treatment of water using chlorine dioxide (C102), wherein the reaction chamber, in which the C102 is created, is completely surrounded by the water to be treated. The C102 created in the reaction chamber is directly added to the water to be treated from the reaction chamber. The conductivity value in the solution exiting the reaction chamber can be measured. Preferably the C102 is created from sodium chlorite using hydrochloric acid.

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





PCT

- (22) 16/02/2009
- (21) 0217/2009
- (44) December 2014
- (45) 19/05/2015
- (11) 27078

(51)	Int. Cl. ⁸ G01V 1/00
(71)	 BP EXPLORATION OPERATING COMPANY LIMITED (UNITED KINGDOM) 3.
(72)	 HOWE, David, John 3.
(73)	1. 2.
(30)	1. (GB) 06254543.9 - 31-08-2006 2. (PCT/GB2007/003280) - 30-08-2007 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)SEISMIC SURVEY METHOD

Patent Period Started From 30/08/2007 and Will end on 29/08/2027

A method of performing a 3-D seismic survey operation using (i) a plurality of vibroseis sources, and (ii) an array of seismic sensors arranged within a survey area wherein each vibroseis source emits a distinctive acoustic signal and each seismic sensor of the array is in a continuous state of readiness to detect reflected acoustic signals, the method comprising: (a) assigning vibroseis points (VPs) to each of the vibroseis sources; (b) independently moving each vibroseis source to assigned: vibroseis point (VPs) where the vibroseis source emits its distinctive acoustic signal independently in time of the emission of the distinctive acoustic signals of the other vibroseis sources at their assigned vibroseis points (VPs); (c) recording the emission time of the distinctive acoustic signal by each vibroseis source at its assigned VPs together with the geographic position of the assigned VPs; (d) continuously listening for reflected acoustic signals using the array of seismic sensors and recording a time domain record of the reflected acoustic signals received by each seismic sensor of the array; wherein the reflected acoustic signals associated with the emission of a distinctive acoustic signal by a vibroseis source at an assigned VP are determined by: (i) extracting the reflected acoustic signals from the time domain records for the seismic sensors of the array during a predetermined listening time associated with the emission of the distinctive acoustic signal by the vibroseis source at the assigned VP; (ii) cross-correlating the extracted reflected acoustic signals with the distinctive emitted acoustic signal for the vibroseis source at the assigned VP thereby eliminating weakly correlated signals; and (iii) attenuating randomised cross-contamination in the crosscorrelated extracted reflected acoustic signals from step (ii) using random noise attenuation techniques.

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





PCT

- (22) 01/01/2013
- (21) 0002/2013
- (44) January 2015
- (45) 19/05/2015
- (11) 27079

(51)	Int. Cl. 8 C01B 11/02 & B01J 19/32
(71)	1. AKZO NOBEL CHEMICALS INTERNATIONAL B.V. (NETHERLANDS)
	3.
(72)	1. VILHELMSSON, Per Johan Henrik
(-)	2. PELIN, Kalle Hans Thomas
	3.
(73)	1.
(,	2.
(30)	1. (US) 61/362,445 - 08-07-2010
(00)	2. (EP) 10168832.3 - 08-07-2010
	3. (PCT/EP2011/061262) 05-07-2011
(74)	Nahid Wadi Rizk
(12)	Patent

(54) PROCESS FOR THE PRODUCTION OF CHLORINE DIOXIDE Patent Period Started From 05/07/2011 and Will end on 04/07/2031

(57) The invention relates to a continuous process for the production of chlorine dioxide comprising: -feeding chlorate ions, hydrogen peroxide and an acid into a reactor comprising packing elements inside; -reacting said chlorate ions, hydrogen peroxide and acid in said reactor to form a product stream comprising chlorine dioxide; and, -withdrawing said product stream from said reactor.

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





PCT

(22) 21/03/2012

(21) 0512/2012

(44) January 2015

(45) 19/05/2015

(11) | 27080

(51)	Int. Cl. ⁸ C03C 17/00, 17/245 & C23C 14/58
(71)	 SAINT-GOBAIN GLASS FRANCE (FRANCE) 3.
(72)	 KHARCHENKO, Andriy NADAUD, Nicolas DURANDEAU, Anne
(73)	1. 2.
(30)	1. (FR) 0956866 - 01-10-2009 2. (PCT/FR2010/052073) - 30-09-2010 3.
(74)	NAHED WADEA RIZK TARZY
(12)	Patent

(54) THIN FILM DEPOSITION METHOD Patent Period Started From 30/09/2010 and Will end on 29/09/2030

The invention relates to a method for obtaining a substrate coated on at least part of its surface, by at least one layer of an oxide of a metal M having a physical thickness of less than or equal to 30 nm, said oxide layer not being included in a stack of layers comprising at least one layer of silver. Said method comprises the following steps: at least one intermediate layer of a material selected from the metal M, a nitride of the metal M, a carbide of the metal M or an oxide sub-stoichiometric in oxygen of the metal M, is deposited by cathodic sputtering, said intermediate layer not being deposited above or below a layer based on titanium oxide, the physical thickness of said intermediate layer being less than or equal to 30 nm; and at least part of the surface of said intermediate layer is oxidised by means of a heat treatment, during which said intermediate layer is in direct contact with an oxidising atmosphere, especially air, the temperature of said substrate not exceeding 150?C during the heat treatment.

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





PCT

(22) /2008

(21) 1653/2008

(44) January 2015

(45) 19/05/2015

(11) | 27081

(51)	Int. Cl. 8 B01D 71/42, 71/82
(71)	1. MASSACHUSETTS INSTITUTE OF TECHNOLOGY (UNITED STATES OF AMERICA) 2. 3.
(72)	1. MAYES, Anne, M. 2. 3.
(73)	1. 2.
(30)	1. (US) 60/791.003 - 11-04-2006 2. (PCT/US2007/008797) - 10-04-2007 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) FOULING RESISTANT MEMBRANES FORMED WITH POLYACRYLONITRILE GRAFT COPOLYMERS

Patent Period Started From 10/04/2007 and Will end on 09/04/2027

The present application is generally directed towards polyacrylonitrile-(PAN-) based, amphophilic graft copolymers, for example, for the production of membranes for liquid filtration. In one aspect, the present invention provides systems and methods for preparing high flux, fouling resistant nanofiltration membranes whose pore size can be readily tuned. In some cases, microphase separation of a graft copolymer comprising a backbone comprising polyacrylonitrile (PAN) and hydrophilic side-chains is used. In some cases, nanochannels of tunable width are formed, which may give the membrane permselective properties and/or anti-fouling character. In some cases, a copoylmer may be used as an additive in the immersion precipitation casting of ultrafiltration or microfiltration membranes. In certain instances, the additive can segregate to the membrane exterior and/or pore surfaces, e.g., due to favorable interactions between the hydrophilic side chains and the surrounding environment, which may create a surface that resists fouling, e.g., by biological molecules.

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





PCT

(22) 19/09/2011

(21) 1556/2011

(44) January 2015

(45) 19/05/2015

(11) 27082

(51)	Int. Cl. ⁸ B26B 21/44	
(71)	1. THE GILLETTE COMPANY (UNITED STATES OF AMERICA) 2. 3.	
(72)	 SZCZEPANOWSKI, Andrew, Anthony SALEMME, James, Leo SIMMS, Graham, John WATTAM, Christopher, James 	5. AVENS, Russell, Stuart6. CLARKE, Sean, Peter7. WORRICK, Charles, Bridgham
(73)	1. 2.	
(30)	1. (US) 12/409.097 – 23-03-2009 2. (PCT/US2010/028092) - 22-03-2010 3.	
(74)	NAHED WADE REZK	
(12)	Patent	

(54)MANUALLY ACTUABLE LIQUID DISPENSING RAZOR

Patent Period Started From 22/03/2010 and Will end on 21/03/2030

(57) The invention features a razor for dispensing a fluid during shaving. The razor includes a razor cartridge that is engage able to a handle. The razor cartridge has a housing, a cartridge connecting structure attached to the housing; at least one blade positioned in the housing; and an aperture that extends from the rear surface to the front surface of the housing. The handle has a cavity for housing a fluid; a manually-actuated pump located along the length of the handle, and a fluid dispensing member having a channel in fluid communication with the pump and having an opening at a terminal end. The fluid dispensing member projects outwardly from the proximal end of the handle such that the terminal end extends to or adjacent to the aperture in the housing. Actuation of the pump displaces fluid from the cavity to or adjacent to the front surface of the housing.

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

Egyptian Patent Office



PCT

(22) 23/10/2011

(21) 1782/2011

(44) January 2015

(45) 20/05/2015

(11) 27083

(51)	Int. Cl. ⁸ A21D 8/04, 13/00
(71)	 NOVOZYMES NORTH AMERICA, INC (UNITED STATES OF AMERICA) 3.
(72)	 EVANSON, Daniel N FORMAN, Todd Michael 3.
(73)	1. 2.
(30)	1. (US) 61/172,515 - 24-04-2009 2. (PCT/US2010/032233) - 23-04-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

ANTISTALING PROCESS FOR FLAT BREAD **(54)** Patent Period Started From 23/04/2010 and Will end on 22/04/2030

(57) The present invention relates to a process for retarding the staling of flat breads, as well as flat breads obtainable by the method of the invention.

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

Egyptian Patent Office



PCT

- (22) 23/08/2012
- (21) 1437/2012
- (44) January 2015
- (45) 20/05/2015
- (11) 27084

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(51)	Int. Cl. 8 B29C 70/80
(71)	1. CLOSURE SYSTEMS INTERNATIONAL, INC. (UNITED STATES OF AMERICA)
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(72)	1. STONEBRAKER, Robert, L
(, =)	2.
	3.
(73)	1.
(,,,	2.
(30)	1. (US) 61/308.450 - 26-02-2010
()	2. (PCT/US2011/026155) - 25-02-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD OF FORMING A COMPOSITE CLOSURE Patent Period Started From 25/02/2011 and Will end on 24/02/2031

(57) A method of manufacturing a composite closure, including an outer closure cap and an inner sealing liner, comprises providing a closure cap having an annular skirt portion including an annular lip that defines an annular recess adjacent a top wall portion of the cap. Molten plastic is compression molded within the closure cap to form the inner sealing liner adjacent the top wall portion, with the periphery of the sealing liner positioned within the annular recess of the closure cap. A plurality of circumferentially spaced gussets are provided within the annular recess for controlling the flow of the molten plastic during liner formation, thereby facilitating the venting of air to abate formation of voids in the sealing liner.

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

Egyptian Patent Office



PCT

(22) 15/04/2013

(21) 0626/2013

(44) January 2015

(45) 20/05/2015

(11) 27085

(51)	Int. Cl. 8 A23N 15 & A23L 1/275	
(71)	1. LASER FOOD 2007, S.L. (SPAIN) 2. UNIVERSITAT DE VALENCIA (SPAIN) 3.	
(72)	 IBAÑEZ PUCHADES, Rafael PUCHE ROIG, Abel SANFÉLIX PALAU, Jaime 	MARTÍNEZ PALOP, Carlos
(73)	1. 2.	
(30)	1. (ES) 201031584 - 28-10-2010 2. (PCT/EP2011/004952) - 05-10-2011 3.	
(74)	SEMAS FOR I.P.	
(12)	Patent	

(54)FRUIT MARKING PROCEDURE Patent Period Started From 05/10/2011 and Will end on 04/2031

The present invention describes a method of marking fruits which comprises an incision in a fruit piece surface with a laser beam and the deposition in such superficial incision of a contrast agent comprising salts or oxides of iron or copper at a concentration between 0.001% and 1 % of the total weight. This salts or oxides are capable of reacting with any of the phenolic and/or polyphenolic compounds present in the superficial tissues of the fruit. This contrast agent may also comprise other additives: acidity regulators, emulsifiers, antioxidants and complexing.

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

Egyptian Patent Office



PCT

(22) 27/12/2011

(21) 2163/2011

(44) January 2015

(45) 20/05/2015

(11) 27086

(51)	Int. Cl. 8 C08F 10/00	
(71)	1. CHEVRON PHILLIPS CHEMICAL COMPANY LP (UNITED STATES OF AMERICA) 2. 3.	
(72)	 MASINO, Albert P. MURRAY, Rex E YANG, Qing SECORA, Steven J JAYARATNE, Kumudini C. 	 6. BEAULIEU, William B 7. DING, Errun 8. GLASS, Gary L 9. SOLENBERGER, Alan L 10. CYMBALUK, Ted H.
(73)	1. 2.	
(30)	1. (US) 61/221,222 - 29-06-2009 2. (PCT/US2010/001842) - 28-06-2010 3.	
(74)	SEMAS FOR I.P.	
(12)	Patent	

DUAL METALLOCENE CATALYST SYSTEMS FOR DECREASING MELT INDEX AND INCREASING POLYMER PRODUCTION RATES

Patent Period Started From 28/06/2010 and Will end on 27/06/2030

(57) The present invention provides dual catalyst systems and polymerization processes employing these dual catalyst systems. The disclosed polymerization processes can produce olefin polymers at higher production rates, and these olefin polymers may have a higher molecular weight and/or a lower melt index.

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

Egyptian Patent Office



- (22) 26/10/2011
- (21) 1817/2011
- (44) December 2014
- (45) 21/05/2015
- (11) |27087

(51)	Int. Cl. ⁸ C12M 1/00
(71)	 BASSEM ABD EL-GHANY HAMED DARWISH (EGYPT) 3.
(72)	 BASSEM ABD EL-GHANY HAMED DARWISH 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) NEW TECHNIQUE FOR DIFFERENTIATION OF STEM CELLS USING NON-IONIZED

Patent Period Started From 26/10/2011 and Will end on 25/10/2031

(57) The stem cells are put in sterilized quartz tube and enhanced or differentiated by exposing it to 3 different non-ionized electromagnetic wave sources in the following spectrum: 620-640 n m, 350-420 n m, 750-850 n m simultaneously for 60-180 seconds then the cells are collected in a syringe which is covered by an external opaque cover to ensure that the cells are not exposed to any light after enhancement except red light 633n m the injection is done according to the disease within 15-30 minutes from Enhancement or differentiation.

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

Egyptian Patent Office



- (22) 17/07/2011
- (21) 1196/2011
- (44) January 2015
- (45) 25/05/2015
- (11) 27088

(51)	Int. Cl. 8 G01N 1/10
(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 MAGNETIC TAP Patent Period Started From 17/07/2011 and Will end on 16/07/2031

(57) This invention is about a magnetic tap made of glass for column. Which hinders any leakout and it does not need adding vaslin and this gives better results than the knowntaps which we use. It is produced by the manufacturing companies of the laboratory equipments.

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





PCT

(22) 17/04/2013

(21) 0654/2013

(44) January 2015

(45) 20/05/2015

(11) 27089

(51)	Int. Cl. ⁸ B22D 41/50
(71)	1. VESUVIUS GROUP S.A (BELGUM) 2. 3.
(72)	 DELSINE, Damien COLLURA, Mariano .
(73)	1. 2.
(30)	1. (EP) 10188179.5 - 20-10-2010 2. (PCT/EP2011/005248) 19-10-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) TUBE FOR POURING LIQUID METAL, ASSEMBLY OF A TUBE AND A METAL FRAME AND METAL FRAME

Patent Period Started From 19/10/2011 and Will end on 18/10/2031

The tube delimits a pouring channel having a pouring axis, comprising a downstream part, in which the pouring channel has a diameter known as the outlet diameter, and an upstream part which is defined as being that part of the tube that lies between an upper transverse plane, tangential to the upper end of the tube, and a lower transverse plane lying a distance, known as the threshold distance, from the upper transverse plane, the threshold distance having a dimension greater than four times the outlet diameter, the upstream part being flared and being configured in such a way that: - its upper end has a convex overall shape in the axial direction and has a surface of intersection with the upper transverse plane of which the width in the radial direction is less than half the outlet diameter, - the upstream part is included within a first volume corresponding to the complementary part of an axisymmetric frustoconical volume having as its axis the pouring axis, and the generatrix of which forms an angle alpha greater than 5° with the pouring axis, the small base of the frustoconical volume corresponding to the surface of intersection of the lower transverse plane with the pouring channel, - the upstream part is included within a second volume, delimited by a surface of revolution generated by an isosceles trapezium revolving about the pouring axis, the small base of the trapezium lying in the upper transverse plane, having as its centre the centre of the upper end of the tube and as its dimension a width equal to half the outlet diameter, the large base of the trapezium lying in the lower transverse plane and the two non-parallel sides of the trapezium together making an angle beta less than 30°.

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

Egyptian Patent Office



PCT

(22) 14/03/2013

(21) |0415/2013

(44) January 2015

(45) 25/05/2015

(11) 27090

(51)	Int. Cl. 8 C25C 3/16, 7/06
(71)	1. RIO TINTO ALCAN INTERNATIONAL LIMITED (CANADA) 2.
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(72)	1. BERTHE, Sandra
	2. DESPINASSE, Serge
	3. ROCHET, Yves
(73)	1.
` /	2.
(30)	1. (FR) 10/03695 - 17-09-2010
,	2. (PCT/FR2011/000491) - 06-09-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)ELECTRICAL CONNECTION DEVICE, FOR CONNECTING BETWEEN TWO SUCCESSIVE CELLS OF A SERIES OF CELLS FOR THE PRODUCTION OF ALUMINIUM

Patent Period Started From 06/09/2011 and Will end on 05/09/2031

(57) The electrical connection device connecting the cells in series comprises: a first conductor connected to the cathode assembly of the cell (N-1) and to the anode frame of the cell (N), having a portion located between said pots (N-1) and (N), and in which portion the current flows towards the alignment axis (X) of the spots; a second conductor connected to the cathode assembly of the cell (N) and to the anode frame of the cell (N+1), having a portion located between the pots (N-1) and (N), and in which portion the current flows away from the axis (X); short-circuiting blocks housed between said portions of said conductors; and a third conductor for balancing the current flowing via the blocks.

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

Egyptian Patent Office



PCT

(22) 17/06/2010

(21) 1043/2010

(44) January 2015

(45) 25/05/2015

(11) 27091

(51)	Int. Cl. 8 C22C 38/02, 38/04, 38/06, 38/22, 38/24, 38/26 & C21D 8/02
(71)	1. ARCELOR MITTAL COMMERCIAL RPS S.à.r.l. (LUXEMBOURG) 2. 3.
(72)	1. FAGOT, Anne 2. 3.
(73)	1. 2.
(30)	1. (EP) 07150370.0 - 21-12-2007 2. (PCT/EP2008/067922) - 18-12-2008 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)CORROSION RESISTANT STEEL FOR MARINE **APPLICATIONS**

Patent Period Started From 18/12/2008 and Will end on 17/12/2028

(57) A steel, namely for marine applications, comprises by weight percent: carbon: 0.05 to 0.20; silicon: 0.15 to 0.55; manganese: 0.60 to 1.60; chromium: 0.75 to 1.50; aluminum: 0.40 to 0.80; niobium and/or vanadium: 0.01 < [Nb] + [V] < 0.60; sulphur: up to 0.045; and phosphorous: up to 0.045.

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





PCT

(22) 20/10/2011

(21) 1762/2011

(44) January 2015

(45) 25/05/2015

(11) 27092

(51)	Int. Cl. 8 D01G 19/10, 15/88
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(72)	 HENNINGER, Friedrich 3.
(73)	1. 2.
(30)	1. (DE) 10 2009 018 058.3 – 21-04-2009 2. (PCT/EP2010/002285) - 14-04-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CIRCULAR COMB Patent Period Started From 14/04/2010 and Will end on 13/04/2030

(57) A circular comb for a combing machine for combing textile fibres, comprising a basic body with a centre longitudinal axis, a circumferential surface and two end surfaces, a plurality of bar tacks which are arranged on the circumferential surface of the basic body and fix a combing region of the circular comb, a plurality of fastening devices which are attached to the basic body for the non-positive connection of in each case one of the bar tacks to the basic body, and unlocking units for releasing the non-positive connections, wherein each unlocking unit has an unlocking device and an unlocking means for actuating the unlocking device, wherein the unlocking units are accessible from outside the combing regions, in particular from at least one of the end surfaces, and an additional positive securing connection is provided for securing the bar tacks on the basic body.

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

Egyptian Patent Office



PCT

(22) 28/04/2013

(21) 0720/2013

(44) January 2015

(45) 25/05/2015

(11) 27093

(51)	Int. Cl. 8 D01G 19/10
(71)	1. STAEDTLER + UHL KG (GERMANY) 2. 3.
(72)	 DORR, Erwin HENNINGER, Friedrich 3.
(73)	1. 2.
(30)	1. (DE) 10 2010 043 064.1 - 28-10-2010 2. (PCT/EP2011/068500) - 24-10-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) COMBING ELEMENT Patent Period Started From 24/10/2011 and Will end on 23/10/2031

A combing element for a combing machine for combing textile fibres comprises a basic body with a centre longitudinal axis, a circumferential surface and two end surfaces, at least one catch which is arranged on the circumferential surface of the basic body, a profiled strip for connecting the at least one catch to the basic body, and a torsion rod for locking and unlocking the profiled strip on the basic body, wherein the profiled strip is arranged in a receiving groove of the basic body and comprises a pivoting lever, by means of which the profiled strip can be pivoted about a pivot axis which is arranged parallel to the centre longitudinal axis, the torsion rod is arranged in the receiving groove such that it can be rotated about a rotational axis which is arranged parallel to the centre longitudinal axis, the torsion rod is accessible from outside the combing region, in particular from at least one of the end surfaces, the torsion rod has a non-round cross section which is oriented perpendicularly with respect to the rotational axis, the torsion rod is arranged on the pivoting lever in such a way that, as a result of a rotation about the rotational axis, the torsion rod can be displaced between a locked position for locking the profiled strip on the basic body and an unlocked position for unlocking the profiled strip on the basic body.

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

Egyptian Patent Office



PCT

(22) 05/10/2009

(21) 1473/2009

(44) January 2015

(45) 25/05/2015

(11) 27094

(51)	Int. Cl. ⁸ C07C 45/86 & A01N 25/22, 35/02 & A01P 1/00
(71)	1. THE MARTIN FAMILY TRUST (SOUTH AFRICA) 2. 3.
(72)	 MARTIN, Antonietta, Pamela SKELLY, Mary, G. 3.
(73)	1. 2.
(30)	1. (ZA)2007/03179 - 05-04-2007 2. (PCT /ZA2008/000028) - 04-04-2008 3.
(74)	MOHAMED ABDELAAL ABDWLALEEM AHMED
(12)	Patent

(54) A METHOD OF STABILIZING AN ALDEHYDE

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

(57) The invention provides a method of manufacturing a stable aldehyde-surfactant complex solution wherein at least one aldehyde is added to a surfactant in a first aliquot of water, at a temperature of between 40°C to 50°C, the aldehyde is allowed to interact with the surfactant or detergent, in a complexing reaction, for at least 15 minutes whilst maintaining the temperature between 40°C to 50°C to produce an aldehyde-surfactant complex solution, and a second aliquot of water is added after at least 15 minutes to cool the aldehyde-surfactant complex solution to below 40°C to stop the complexing reaction.

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

Egyptian Patent Office



PCT

(22) 10/12/2009

(21) 1812/2009

(44) December 2014

(45) 28/05/2015

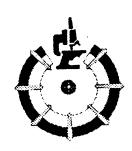
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(71)	1. APEIRON BIOLOGICS AG (AUSTRIA) 2. 3.	
(72)	 SCHUSTER, Manfred LOIBNER, Hans JANZEK-HAWLAT, Evelyne PEBALL, Bernhard 	5. STRANNER, Stefan6. WAGNER, Bettina7. WEIK, Robert
(73)	1. 2.	
(30)	1. (AT) A 913/2007 - 12-06-2007 2. (EP) 08450052.9 - 08-04-2008 3. (PCT/AT2008/000211) - 12-06-2008	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

ACE2 POLYPEPTIDE-POLYPEPTIDE ACE2 (54) Patent Period Started From 12/06/2008 and Will end on 11/06/2028

(57) The present invention relates to recombinant ACE2 polypeptide, where the ACE2 polypeptide is present as a dimer. The dimer is formed specifically from glycosylated monomers and is used for producing pharmaceutical products with an extended half-life.

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GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED JUNE IN 2015"

Egyptian Patent Office

Issue No 229 JULY 2015

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Preface

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

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

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

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

Bibliographic data

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Filing Date	22
Priority Number	
Priority Date	30
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Inventor Name	72
Patentee Name	73
Patent Attorney Name	74

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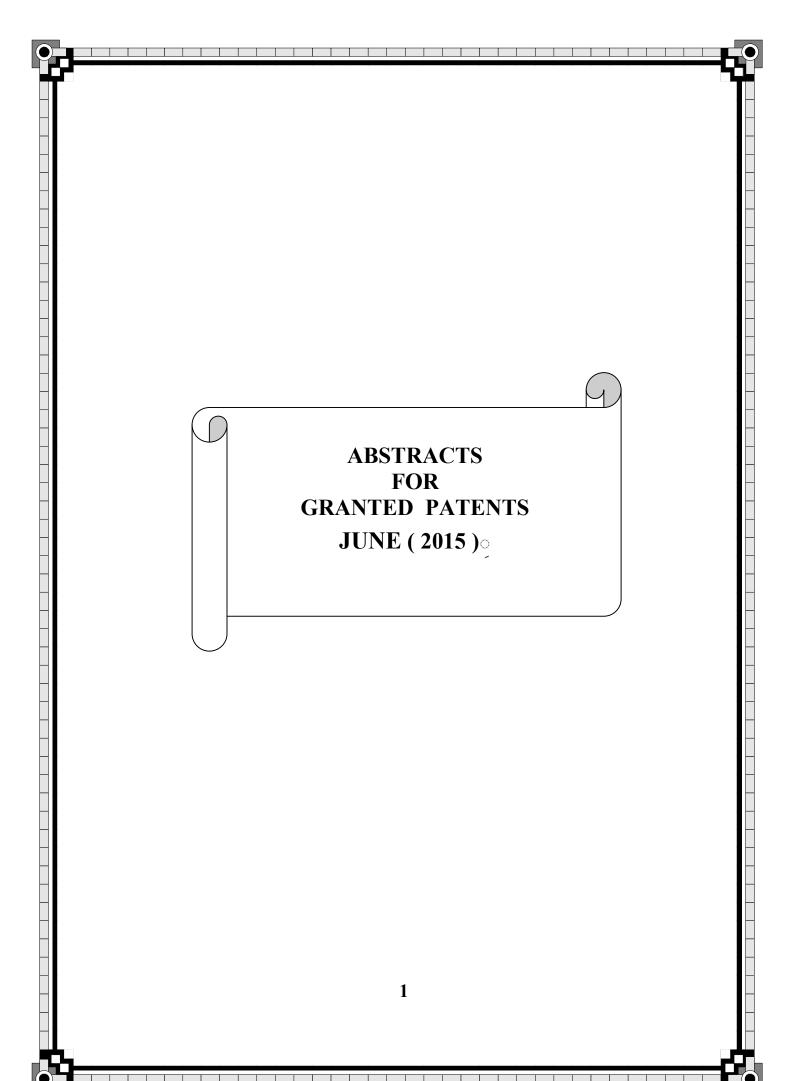
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ZM	Zambia
ZR	Zaire
ZW	Zimbabwe



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

Egyptian Patent Office



PCT

- (22) 20/12/2011
- (21) 2129/2011
- (44) January 2015
- (45) 01/06/2015
- (11) 27096

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(72)	 AMMANN,, Ernst KNERR, Michael HALDEMANN, Peter 	4. HERSCHE, Emil
(73)	1. 2.	
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(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) PROCESS FOR MANUFACTURING A SURFACE-TREATED COMPACTED MATERIAL PROCESSABLE ON A SINGLE SCREW PLASTICS CONVERSION EQUIPMENT

Patent Period Started From 22/06/2010 and Will end on 21/06/2030

(57) The present invention relates to the field of processing thermoplastic polymers, particularly the present invention relates to a process for manufacturing compacted material suitable for the use in thermoplastic polymers without a compounding step, comprising the steps of a) providing at least one primary powder material; b) providing at least one molten surface treatment polymer; c) simultaneously or subsequently feeding the at least one primary powder material and the at least one molten surface treatment polymer into the high speed mixer unit of a cylindrical treatment chamber; d) mixing the at least one primary powder material and the at least one molten surface treatment polymer in the high speed mixer, e) transferring the mixed material obtained from step d) to a cooling unit, as well as the compacted material obtained by this process and its use in thermoplastic polymers.

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

Egyptian Patent Office



PCT

(22) 08/05/2013

(21) |0784/2013

(44) January 2015 (45) 03/06/2015

(11) 27097

(51)	Int. Cl. 8 G01V 8/10	
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2. 3.	
(72)	1. CHILDERS BROOKS A 2. YANG XUDONG 3. THIGPEN BRIAN L	
(73)	1. 2.	
(30)	1. (US) 12/959.862 - 03-12-2010 2. (PCT/US2011/059124) - 30-11-2011 3.	
(74)	NAHED WADEA REZK	
(12)	Patent	

(54)INTERPRETATION OF REAL TIME CASING IMAGE (RTCI) DATA INTO 3D TUBULAR DEFORMATION IMAGE

Patent Period Started From 03/11/2011 and Will end on 02/11/2031

(57) A system, method and computer-readable medium for providing an image of a deformation of a member is disclosed. Strain measurements are obtained at a plurality of sensors located at the member. Components of the obtained strain measurements corresponding to a bending deformation are obtained. From the obtained components, components are obtained that corresponding to at least one cross-sectional deformation of the member bending parameter is determined from the components corresponding to the bending deformation. A cross-sectional deformation parameter is determined from the components corresponding to the at least one of the cross-sectional deformations. The image of the deformation of the member is provided using the determined bending parameter and the determined cross-sectional deformation parameter.

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

Egyptian Patent Office



PCT

(22) 10/04/2011

(21) 0546/2011

(44) Marcie 2015

(45) |07/06/2015

(11) 27098

(51)	Int. Cl. ⁸ A21D 6/00 & A23L 1/025
(71)	1. RICH PRODUCTS CORPORATION (UNITED STATES OF AMERICA)
,	2.
	3.
(72)	1. UPRETI, Praveen
	2. ROBERTS, John, S
	3. JALALI, Rohit
(73)	1.
	2.
(30)	1. (US) 61/476.104 - 10-10-2008
	2. (PCT/US2009/060177) – 09-10-2009
	3.
(74)	NAHED WADEA REZK
(12)	Patent

(54) HEAT-TREATED FLOUR Patent Period Started From 09/10/2009 and Will end on 08/10/2029

A method for heat-treating flour comprising the steps of dehydrating the flour to minimize or avoid gelatinization, and heat treating the dehydrated flour. The resulting flour has increased moisture absorption. Dough made from the heat-treated flour has improved performance and baked goods made from the heat-treated flour have improved properties relative to dough and baked goods made from untreated flour.

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

Egyptian Patent Office



PCT

(22) 22/05/2013

(21) 0871/2013

(44) January 2015

(45) 08/06/2015

(11) 27099

(51)	Int. Cl. 8 H02K 29/03, 1/06
(71)	1. ZHEJIANG YILDA VENTILATOR CO.LTD (CHINA) 2. 3.
(72)	 ZHANG, Qizhong ZHANG, Wei .
(73)	1. 2.
(30)	1. (CN) 201210055354,7 - 05-03-2012 2. (PCT/CN2012/079102) - 24-05-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) BRUSHLESS DC MOTOR Patent Period Started From 24/05/2012 and Will end on 23/05/2032

(57) A brushless DC motor, comprising a stator having paired stator teeth, a rotor having paired magnetic poles and a rotating shaft fixed in the center of the rotor, wherein each of the stator teeth is wound with a winding, in each cross section of the stator, the connecting line between the intersection point of a tooth top arc of the stator tooth and the tooth axis of the stator tooth and the center of the tooth top arc can form a mechanical eccentric angle 0 With the tooth axis of the stator tooth, which is more than 0 degree and smaller than 90 degrees. The tooth top circle of the stator tooth is designed to be an arc, which is eccentric relative to the rotating center of the rotor, such that the brushless DC motor can eliminate the starting "dead point" and start successfully; a driving current following the rule of sinusoidal wave also can be coordinated, to make air gap magnetic field change uniformly according to the rule of sinusoidal wave, thus reducing the torque ripple and the vibration noise.

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

Egyptian Patent Office



PCT

- (22) 22/04/2012
- (21) | 0745/2012
- (44) January 2015
- (45) |08/06/2015
- (11) |27100

(51)	Int. Cl. 8 C11D 3/395
(71)	1. STEPAN COMPANY (UNITED STATES OF AMERICA) 2. 3.
(72)	 Dong, Xue Min Sajic, Branko Whitlock, Laura Lee
(73)	1. 2.
(30)	1. (US) 61/253,709 - 21-10-2009 2. (PCT/US2010/053166) - 19-10-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

VISCOUS LIQUID CLEANSING COMPOSITIONS COMPRISING SULFONATED FATTY ACIDS, ESTERS, OR SALTS THEREOF AND BETAINES OR SULTAINES

Patent Period Started From 19/10/2010 and Will end on 18/10/2030

(57) Formulations of personal care compositions and personal care concentrate compositions containing salts of sulfonated fatty acid esters and/or salts of sulfonated fatty acids, and an alkyl betaine or sultaine with viscosity at least 1000 cps are described. Personal care compositions of the present technology include liquid hand soaps, bath and shower washes, shampoos, 2-in-l or 3-in-l shampoos, antidandruff shampoo, facial cleaners, among others.

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

Egyptian Patent Office



PCT

(22) 08/11/2005

(21) | 0467/2005

(44) October 2014

(11) 27101

(45) 08/06/2015

(51)	Int. Cl. 8 C04B 35/04, 35/10, 35/106
(71)	1. NATIONAL RESEARCH CENTRE (EGYPT)
	3.
(72)	1. EMAD ABDEL-SALAAM ABDEL- MOETY MUSTAFA EL-MELIEGY
	2. HENK VERWEIJ 3.
(73)	1.
(30)	2.
(30)	2.
	3.
(74)	NATIONAL CENTER FOR RESFARCHES- FOCAL POINT WITH EGYPTIAN PATENT
	OFFICE - REPRESENTED BY: MAGDA MOHASEB EL SAYED & OTHERS
(12)	Patent

$(5\overline{4})$ METHOD FOR SYNTHESIS OF NANOCRYSTALLINE OXIDES Patent Period Started From 08/11/2005 and Will end on 07/11/2025

(57) The invention innovates a new cheaper, cleaner and effective chemical method for the synthesis of nanocrystalline oxide powders with particle size in the range of 1-50 nms and nanocrystalline thin films with thickness less than 50 nms. Different oxides are prepared as aluminum oxide, magnesium oxide, tin oxide, zirconium oxide and titanium oxide. The method is generalized to achieve many other oxides in the form of nanoparticles. The method synthesizes oxide nano-particles using metal nitrates and metal chlorides.

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





PCT

(22) 16/07/2012

(21) | 1260/2012

(44) December 2014

(45) |08/06/2015

(11) 27102

(51)	Int. Cl. 8 C10L, 5/44 & B09B 3/00
(71)	1. CREATIVE CO. Ltd. (JAPAN) 2. 3.
(72)	1. KIYAMA, Michihiro 2. 3.
(73)	1. 2.
(30)	1. (JP) 2010-016978 - 28-01-2010 2. (PCT/JP2010/068495) - 20-10-2010 3.
(74)	TAREK MAHMOUD BADRAN
(12)	Patent

(54)**SOLID FUEL** Patent Period Started From 20/10/2010 and Will end on 19/10/2030

Provided is a solid fuel which is suitable for thermal power generation and uses the residue left after collecting beneficial seeds, grains, or bulbs. The solid fuel is obtained by thermal compression molding of a composition comprising, by dry weight, 70 wt% or more of dried Arundo donax, Leucaena leucocephala, Saccharum officinarum, Manihot esculenta, straw, seaweed, sea grass or algae and which is hot compression molded.

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

Egyptian Patent Office



PCT

(22) 17/10/2011

- (21) 1731/2011
- (44) January 2015
- (45) 09/06/2015
- (11) 27103

(51)	Int. Cl. ⁸ F28F 1/30, 1/32, 9/02
(71)	1. SHARP KABUSHIKI KAISHA (JAPAN) 2. 3.
(72)	1. UENO Madoka 2. 3.
(73)	1. 2.
(30)	1. (JP) 2009-104218 – 22-04-2009 2. (PCT/JP2009/066030) – 14-09-2009 3.
(74)	GEORGE AZIZ ABD ELMALEK
(12)	Patent

(54) HEAT EXCHANGER AND AIR CONDITIONER HAVING THE HEAT EXCHANGER MOUNTED THEREIN

Patent Period Started From 14/09/2009 and Will end on 13/09/2029

(57) A heat exchanger is provided with two header pipes arranged parallel to each other with a spacing there between, flat tubes arranged between the header pipes and having refrigerant paths provided therein and connected to the insides of the header pipes, and corrugated fins arranged between the flat tubes. That end of each corrugated fin which is on that surface of the heat exchanger which is on the side on which condensed water collects is made to protrude from ends of the flat tubes, and linear water leading members are inserted between gaps (G) between the protrusions. The water leading members are inserted from ends of the corrugated fins toward the flat tube side into a range in which surface tension can act.

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

Egyptian Patent Office



PCT

(22) 21/01/2006

(21) PCT/NA2006/000065

(44) November 2014

(45) 09/06/2015

(11) | 27104

(51)	Int. Cl. ⁸ C07D231/14, 231/38, 231/40, 40 14, 413/12, 413/14, 453/02, 471/	01/12, 401/14, 403/04, 403/12, 405/12, 405/14, 409/12, 409/ 04
(71)	1. ASTEX THERAPEUTICS LIMITED (UNITED KINGDOM) 2. 3.	
(72)	 BERDINI, Valerio O'BRIEN, Michael, Alistair CARR, Maria, Grazia EARLY, Theresa, Rachel GILL, Adrian, Liam 	6. TREWARTHA, Gary 7. WOOLFORD, Alison, Jo-Anne 8. WOODHEAD, Andrew, James 9. WYATT, Paul, Graham
(73)	1. 2.	•
(30)	1. (GB) 031712 7. 9 - 22-07-2003 2. (US) 60/569.763 - 10-05-2004 3. (US) 60/489.046 - 22-07-2003 4. (PCT/GB2004/003179) - 22-07-2004	
(74)	ABD EL HADI FOR I.P,	
(12)	Patent	

(54) PHARMACEUTICAL COMPOUNDS

Patent Period Started From 22/07/2007 and Will end on 21/07/2027

The invention provides compounds of the formula (o) or salts or tautomers or n-oxides or solvates thereof for use in the prophylaxis or treatment of disease states and conditions such as cancers mediated by cyclin-dependent kinase and glycogen synthase kinase-3. in formula (o): x is a group r1-a-nr4 -or a 5- or 6-membered carbocyclic or heterocyclic ring; a is a bond, so2, c=o, nrg(c=o) or o(c=o) wherein rg is hydrogen or c1-4 hydrocarbyl optionally substituted by hydroxyl or c1-4 alkoxy; y is a bond or an alkylene chain of 1,2 or 3 carbon atoms in length; r1 is hydrogen; a carbocyclic or heterocyclic group having from 3 to 12 ring members; or a c1-8 hydrocarbyl group optionally substituted by one or more substituents selected from halogen (e.g. fluorine), hydroxy, c1-4 hydrocarbyloxy, amino, mono- or di-c1-4 hydrocarbylamino, and carbocyclic or heterocyclic groups having from 3 to 12 ring members, and wherein 1 or 2 of the carbon atoms of the hydrocarbyl group may optionally be replaced by an atom or group selected from o, s, nh, so, so2,:r2 is hydrogen; halogen; c1-4 alkoxy (e.g. methoxy); or a c1-4 hydrocarbyl group optionally substituted by halogen (e.g. fluorine), hydroxyl or c1-4 alkoxy (e.g. methoxy); r3 is selected from hydrogen and carbocyclic and heterocyclic groups having from 3 to 12 ring members; and r4 is hydrogen or a c1-4 hydrocarbyl group optionally substituted by halogen (e.g. fluorine), hydroxyl or c1-4 alkoxy (e.g. methoxy).

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



PCT

(22) 12/12/2011

(21) |2081/2011

(44) December 2014

(45) 10/06/2015

(11) |27105

(51)	Int. Cl. ⁸ B01F 3/18, 13/10 & B65B 1/00, 1/32
(71)	1. INVERSIONES HIK16, S.L. (SPAIN) 2. 3.
(72)	 STAMM KRISTENSEN, HENRIK MARTINEZ LOPEZ ,M MARAVILLAS 3.
(73)	1. 2.
(30)	1. (EP) 10382338.1- 16-12-2010 2. (PCT/ES2011/070858) - 13-12-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) MOBILE DOSING, MIXING AND PACKAGING PLANT Patent Period Started From 13/12/2011 and Will end on 12/12/2031

(57) The main objective of this invention is a Mobile plant for dosing, mixing and packaging of powdery products, characterized because it is comprised of a carrying structure and several areas for: reception and weighing, loading, mixing, sack filling, sewing and labeling, metal detection, palletizing and cleaning. This invention is included within the industrial plants technical sector of manufacturing and mixing of powdery products.

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

Egyptian Patent Office



PCT

(22) 14/04/2013

(21) 0623/2013

(44) January 2015

(45) 16/06/2015

(11) 27106

(51)	Int. Cl. ⁸ G01N 23/04	
(71)	1. AMERICAN SCIENCE AND ENGINEERING, INC. (UNITED STATES OF AMERICA) 2. 3.	
(72)	 MASTRONARDI, Richard DENKER, Jeffrey, M ROTHSCHILD, Peter PAILES, Aaron, D 	5. MASTRONARDI, Richard6. DINCA, Dan-cristian7. BLAKE, David, R
(73)	1. 2.	
(30)	1. (US) 61/393,481 - 15-10-2010 2. (US) 61/414,482 - 17-11-2010 3. (PCT/US2011/052130) - 19-09-2011	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54)REMOTELY-ALIGNED ARCUATE DETECTOR ARRAY FOR HIGH ENERGY X-RAY IMAGING

Patent Period Started From 19/09/2011 and Will end on 18/09/2031

(57) Scanning system and methods for inspecting contents of a container. Highenergy penetrating radiation collimated into a fan beam illuminates an inspected container from one side, while a plurality of detector plates are disposed on the opposite side of the container. Each detector plate has a plurality of detector modules, each of which, in turn, is disposed on a remotely activated alignment and has multiple detector elements. A controller governs the orientation of each of the plurality of detector plates based at least on the detector signal generated by its detector elements such that each detector element of each detector module of each detector plate may be aligned to within a specified fraction of the transverse dimension of the fan beam as measured at the exit slot.

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

Egyptian Patent Office



PCT

(22) 23/04/2012

(21) |0756/2012

(44) December 2014

(45) 16/06/2015

(11) 27107

(51)	Int. Cl. 8 C01C 1/04
(71)	1. CASALE SA (SWITZERLAND) 2. 3.
(72)	1. IOB, Massimo 2. 3.
(73)	1. 2.
(30)	1. (EP) 09174211.4 - 27-10-2009 2. (PCT/EP2010/064608) - 30-09-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) AMMONIA PRODUCTION PROCESS Patent Period Started From 30/09/2010 and Will end on 29/09/2030

A process for the synthesis of ammonia, where: a front-end produces a make-up syngas having a substantial excess of nitrogen, the H2/N2 ratio being less than 3; hydrogen is separated from a purge stream taken in the high-pressure synthesis loop, with a molecular sieve or a cryogenic device, obtaining a hydrogen-rich gaseous stream; said hydrogen-rich gaseous stream is returned to the ammonia synthesis loop, thus obtaining that the H2/N2 ratio of the gas feed actually converted into ammonia is close to 3 and preferably in the range 2.9 - 3.1.

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

Egyptian Patent Office



PCT

(22) 29/05/2011

(21) 0853/2011

(44) January 2015

(45) 16/06/2015

(11) | **27108**

(51)	Int. Cl. 8 B66D 3/00 & B63B 35/03 & F16L 1/12, 1/19, 3/10
(71)	1. SAIPEM S.P.A. (ITALY) 2. 3.
(72)	 BAYLOT, Michel BOUTIN, Nicolas 3.
(73)	1. 2.
(30)	1. (IT) MI2008A002120 - 28-11-2008 2. (PCT/IB2009/007572) - 27-11-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CLAMP ASSEMBLY FOR A LAYING TOWER AND A METHOD THEREOF

Patent Period Started From 27/11/2009 and Will end on 26/11/2029

(57) A clamp assembly , for a laying tower for laying continuous, elongated members _ in a body of water, has a supporting frame; and three clamping units arranged in series to simultaneously clamp and release a continuous, elongated member extending along a given axis, and each having at least two opposite jaws, and self-adjusting mechanisms , each of which is interposed between a respective jaw and the supporting frame, has a spring, and allows an adjustment movement of the respective jaw with respect to the supporting frame in a direction parallel to the axis, under the weight of the continuous, elongated member, and in opposition to the spring, when the continuous, elongated member is gripped simultaneously by the clamping units.

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





PCT

(22) 18/10/2007

(21) 1062/2007

(44) January 2015

(45) 16/06/2015

(11) 27109

(51)	Int. Cl. ⁸ B42D 15/00, 17/00, 19/00
(71)	1. FABRICA NACIONAL DE MONEDA Y TIMBREREAL CASA DE LA MONEDA (SPAIN) 2. 3.
(72)	 OLMOS RUIZ, Antonio RUBIO SANZ, Juan, Antonio BARAJA CARRACEDO, Javier
(73)	1. 2.
(30)	1. (PCT/ES2005/000180) - 06-04-2005 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)SPECIAL OR SECURITY PAPER COMPRISING INTERNAL TOUCH RECOGNITION ELEMENTS

Patent Period Started From 06/04/2005 and Will end on 05/04/2025

(57) The invention relates to special or security paper comprising internal touch recognition elements, which is suitable for use as legal tender or for any other type of document requiring means for facilitating touch recognition or preventing counterfeiting. The invention comprises a sheet of paper (1) containing inserted expanding agents (2) which may be centered in relation to the thickness of the sheet of paper or positioned close to the upper face and/or lower face of the sheet (1), such as to form a figure or legend. According to the invention, pressure and heat are applied to the aforementioned expanding agents, either as the paper is being produced or during subsequent processes, thereby causing the sheet (1) to expand and forming a curved, continuous relief (3) on the surface of the document.

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

Egyptian Patent Office



PCT

(22) 16/06/2011

(21) 1009/2011

(44) December 2014

(45) 16/06/2015

(11) 27110

(51)	Int. Cl. ⁸ B01J 23/62, 35/00 & C07C 5/333	3, 11/06
(71)	1. THYSSNKRUPP UHDE GMBH (GERMANY) 2. 3.	
(72)	 MIAN, Muhammad HEINRITZ-ADRIAN, Max WENZEL, Sascha 	4. NOLL, Oliver 5. SCHWEFER, Meinhard 6. GEHRKE, Helmut
(73)	1. 2.	
(30)	1. (DE) 10 2008 062 782.8 - 18-12-2008 2. (DE) 102009056539.6 - 03-12-2009 3. (PCT/EP2009/008976) - 15-12-2009	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) A CATALYST FOR THE DEHYDROGENATION OF ALKANES Patent Period Started From 15/12/2009 and Will end on 14/12/2029

(57) The invention relates to a catalyst for the dehydrogenation of alkanes or alkyl substituents of hydrocarbons, comprising a shaped body having at least one or more oxides from the elements of the main or secondary group II to IV of the periodic table or of an oxidic mixed compound based thereon, wherein the constituents serve as base material of the shape body. The catalyst further comprises an additional constituent having an oxide of an element of the main group IV of the periodic table that is added during the shaping process. A platinum compound and a compound made of an element of the main group IV of the periodic table is chosen as a surface constituent of the catalyst. The invention further relates to the production of the catalyst from the claimed materials by means of different process steps and to a method for the dehydrogenation of alkanes using the catalyst according to the invention.

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

Egyptian Patent Office



PCT

(22) 31/07/2012

(21) 1338/2012

(44) December 2014

(45) 21/06/2015

(11) 27111

(51)	Int. Cl. ⁸ A63H 1/00	
(71)	1. JAKKS PACIFIC, INC (UNITED STATES OF AMERICA) 2. 3.	
(72)	 LAURIENZO, Dominic HUDSON, Jon LEE CHI WAI, Dennis TSUI, Timmy McCAFFERTY, Jim 	6. WOLFSON, Jared7. PADAWER, Jeremy8. LEONG, Greg9. DELACY, Steven Douglas
(73)	1. 2.	·
(30)	1. (US) 61/363,069 - 09-07-2010 2. (US) 61/421,173 - 08-12-2010 3. (PCT/US2011/001202) - 08-07-2011	
(74)	SONIA F. FARAG	
(12)	Patent	

(54) CORE WITH FINGER INDENTATION AND FORMED TO EXPEL AN OBJECT CONCEALED THEREIN

Patent Period Started From 08/07/2011 and Will end on 07/07/2031

(57) A rotatable core is described. The core includes a cylindrically-shaped housing having an indentation area. The indentation area is formed to guide a user where to place their finger for launching, such that by pressing down on the indentation area; the core is forced against a ground surface, which causes it to spin away from the user. Additionally, the core includes a housing with a cavity therein for receiving the object. A release mechanism is attached with the housing. The release mechanism includes a connector for connecting with a corresponding connector on the object and an expelling mechanism for expelling the object. Upon activation of the release mechanism, the connector releases the object and the expelling mechanism forces the object from the housing.

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





PCT

- (22) 08/04/2010
- (21) 0564/2010
- (44) January 2015
- (45) 22/06/2015
- (11) 27112

(51)	Int. Cl. 8 B 29C 73/16 & C09K 3/10, 3/12
(71)	1. TRYDEL RESEARCH PTY LTD (AUSTRALIA) 2. 3.
(72)	1. DOWEL, Terence 2. 3.
(73)	1. 2.
(30)	1. (AU) 2007905526 - 09-10-2007 2. (AU) 2007905745 - 19-10-2007 3. (AU) 2007906682 - 07-12-2007 4. (PCT/AU2008/001499) - 09-10-2008
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) IMPROVED SEALING COMPOSITION Patent Period Started From 09/10/2008 and Will end on 09/10/2028

(57) A sealant composition for the sealing of a punctured tyre including a liquid carrier, one or more viscosity and suspending agents, one or more fillers and sealants, and one or more polyacrylates.

Arab Republic of Egypt Ministry of State for Scientific Research

Academy of Scientific Research & Technology

Egyptian Patent Office



PCT

(22) 08/09/2010

- (21) 1513/2010
- (44) December 2014
- (45) 23/06/2015
- (11) |27113

(51)	Int. Cl. ⁸ G02B 5/08, 1/10
(71)	 PPG INDUSTRIES OHIO, INC. (UNITED STATES OF AMERICA) 3.
(72)	 MEDWICK, Paul, A. WAGNER, Andrew, V. MARIETTE, Gary, J.
(73)	1. 2.
(30)	1. (US) 61/035,587 - 11-03-2008 2. (PCT/US2009/036596) - 10-03-2009 3.
(74)	ABDEL HADY FOR IP OFFICE
(12)	Patent

(54) REFLECTIVE ARTICLE Patent Period Started From 10/03/2009 and Will end on 09/03/2029

(57) A reflective article, such as a solar mirror, includes a highly transparent substrate having a first major surface and a second major surface. At least one reflective coating is formed over at least a portion of one of the surfaces, e.g., the second major surface (or, alternatively, the first major surface). The reflective coating includes at least one metallic layer. An encapsulation structure can be formed over at least a portion of the second reflective coating.

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



PCT

(22) 12/05/2010

(21) 0787/2010

(44) December 2014

(45) 23/06/2015

(11) 27114

(51)	Int. Cl. ⁸ E21B 7/06	
(71)	1. PRAD RESEARCH AND DEVELOPMENT LIMITED (NETHERLANDS, ANTILLES) 2. 3.	
(72)	 JORDAN, Anthony, L. KAMATH, Raghuram NIXON, Vance, E. 	4. MARYA, Manuel, P.
(73)	1. 2.	
(30)	1. (US) 11/941,790 - 16-11-2007 2. (PCT /US2008/082713) - 07-11-2008 3.	
(74)	ABDEL HADY FOR IP OFFICE	
(12)	Patent	

(54) DEGRADABLE WHIPSTOCK APPARATUS AND METHODS OF USE

Patent Period Started From 07/11/2008 and Will end on 06/11/2028

(57) Whipstocks and deflectors comprising a degradable composition, and methods of using same are described. In one embodiment the degradable composition consists essentially of one or more reactive metals in major proportion, and one or more alloying elements in minor proportion, with the provisos that the composition is high- strength, controllably reactive, and degradable under defined conditions. Methods of using degradable whipstocks in oilfield operations are also described.

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

Egyptian Patent Office



PCT

(22) 23/11/2009

(21) 1716/2009

(44) December 2014

(45) 23/06/2015

(11) 27115

(51)	Int. Cl. ⁸ E21B 43/00	
(71)	1. PRAD RESEARCH AND DEVELOPMENT LIMITED (BRITISH VIRGIN ISLANDS) 2. 3.	
(72)	 THOMEER, Hubertus V. BURGOS, Rex WENG, Xiaowei 	4. KANE, Moussa
(73)	1. 2.	
(30)	1. (US) 60/934,258 - 12-06-2007 2. (US) 12/135,453 - 09-06-2008 3. (PCT/IB2008/052318) - 11-06-2008	
(74)	AHMEDABDEL HADY FOR I.P. OFFICE	
(12)	Patent	

(54) REAL TIME CLOSED LOOP INTERPRETATION OF TUBING TREATMENT SYSTEMS AND METHODS

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

(57) A technique facilitates the treatment of a subterranean formation. The technique involves the use of a fluid delivery system that comprises a continuous feedback system. The continuous feedback system utilizes a real time closed loop interpretation technique to instantaneously synchronize and adjust actions at a well site surface relative to measured downhole events. Sensors are used to monitor at least one downhole property in real time. Based on the real time data, the continuous feedback system enables adjustments to be made with respect to the at least one property in a manner designed to influence a downhole event.

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

Egyptian Patent Office

Patent

(12)



PCT

- (22) 06/06/2010
- (21) | 0942/2010
- (44) December 2014
- (45) 23/06/2015
- (11) 27116

(51)	Int. Cl. 8 C03C 25/26 & C08G 63/20, 63/668 & C09J 101/00,103/02 & E04B 1/74
(71)	1. SAINT- GOBAIN ISOVER (FRANCE) 2. 3.
(72)	 JAFFRENNOU, Boris SERUGHETTI, Dominique DOUCE, Jerome
(73)	1. 2.
(30)	1. (NO) 0759580 - 05-12-2007 2. (PCT/FR2008/052203) - 04-12-2008 3.
(74)	ABD ELHADI FOR I.P. OFFICE OFFICE

SIZING COMPOSITION FOR INSULATING PRODUCTS BASED ON MINERAL WOOL

Patent Period Started From 04/12/2008 and Will end on 03/12/2028

(57) The present invention relates to a sizing composition for insulating products based on mineral wool, especially glass wool or rock wool, which comprises at least one monosaccharide and/or at least one polysaccharide, and at least one organic polycarboxylic acid having a molecular mass equal to or less than 1000. The invention is relates to insulating products based on mineral wool that has been processed with the sizing composition.

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

Egyptian Patent Office



(22) |17/08/2006

- (21) 0448/2006
- (44) December 2014
- (45) 23/06/2015
- (11) 27117

(51)	Int. Cl. ⁸ E04B 1/04
(71)	1. MOHAMMED OMAR ABDELATIF EL- JAZZAR (SAUDI ARABIA) 2.
(72)	1. MOHAMMED OMAR ABDELATIF EL-JAZZAR 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	ABD ELHADI FOR I.P. OFFICE
(12)	Patent

(54) PRE-CAST CAST IN-SITU SUSPENDED CONCRETE BUILDING SYSTEM

Patent Period Started From 17/08/2006 and Will end on 16/08/2026

This invention is an enhancement. Improvement, upgrading and addition of features and capabilities to a previous invention in the same field -that of pre-cast components forming a building. Whereby small homes/villas as well as high-raise apartments, office buildings and larger span structures such as schoolrooms and shopping structures with more distance between columns can be equally accommodated. The new invention consists of a vertical wall with protruding slabs extending horizontally from its top and bottom ends for a distance of about one meter (a ratio that is a function of the slab span, weights on it, the adjacent elements and degree rigidity in the adjacent joints. About 20 em. Before the edge, each slab is reduced in thickness to half its previous size. Steel reinforcing bars run vertically continuously through the cross section and protrude a distance of about 30 bar diameters of the reinforcing steel used from both the top and bottom slabs. (This is in addition to horizontal steel and or wire mesh as needed). At the top and bottom of said wall panel rectangular cavities that penetrate either aU the way through (in high rises), or about 40 em. (In shorter low column stress buildings), at equally spaced intervals to connect the panel to the adjacent floors above and below. There are equally spaced holes in the thicker part of the slab used to fasten a steel plate - form flush to the bottom side of the slab linking it to a similar panel opposite and facing it. Concrete is poured on the protruding steel from each side after steel reinforcing bars or wire mesh is added as needed to counter shear and moments stresses

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



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENT ISSUED JULY IN 2015"

Egyptian Patent Office

Issue No 230 AUGUST 2015

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(PATENT No. 27136)	(20)
(PATENT No. 27137)	(21)

Preface

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

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

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

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

Bibliographic data

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

List of Codes of Countries and Regional Organisations Administered by the World Intellectual Property Organisation

<u> </u>	
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AO	Angola
AR	Argentina
AT	Austria
AU	Australia
AZ	Azerbaijan
ВА	Bosin and Herzegovina
BB	Barbados
BD	Bangladesh
BE	Belgium
BF	Burkina Faso
BG	Bulgaria
ВН	Bahrain
ВΙ	Burundi
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DO	Dominician Republic
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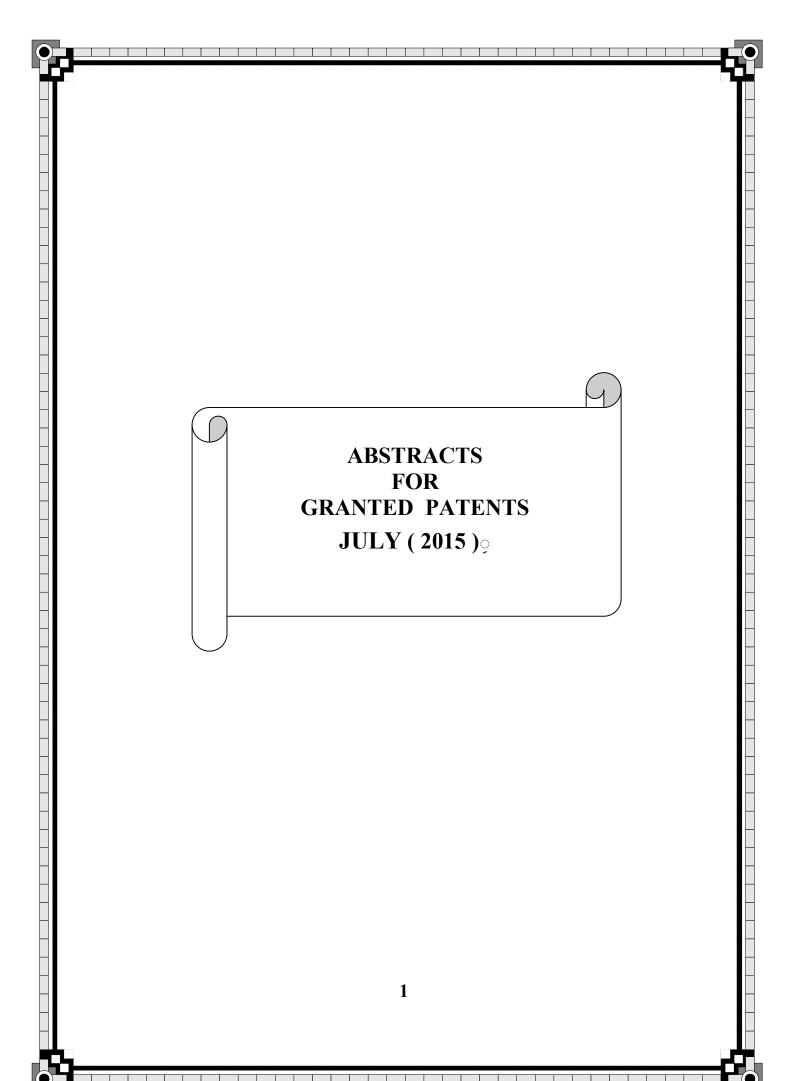
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KE	Kenya
KG	Kyrgyzstan
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KR	Republic of Korea
KW	Kuwait
KZ	Kozakhstan
LA	LAO PEOPLE'S DEMOCRATIC REPUBLIC
LB	Lebanon
LC	Sant Lucia
LI	Liechtenstein
LK	Sirlanka
LR	Liberia
LS	Lesotho
LT	Lithuania
LU	Luxembourg
LV	Latvia
LY	Libyan Arab Jamahirya
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MK The Former Yugoslav ML Mali MN Mongolia MR Mauritania MT Malta MV Maldives MW Malawi MX Mexico MY Malaysia MZ Mozambique NA Namibia NE Niger NG Nigeria NI Nicaragua NL Netherlands NO Norway NZ New Zealand OM Oman PA Panama PE Peru PG Papua New Guinea PH Philippines PK Pakistan PL Poland PT Portugal PY Paraguay QA Qatar RO Romania RS Serbia RU Russian Federation RW Rwanda	Code	Country
MN Mongolia MR Mauritania MT Malta MV Maldives MW Malawi MX Mexico MY Malaysia MZ Mozambique NA Namibia NE Niger NG Nigeria NI Nicaragua NL Netherlands NO Norway NZ New Zealand OM Oman PA Panama PE Peru PG Papua New Guinea PH Philippines PK Pakistan PL Poland PT Portugal PY Paraguay QA Qatar RO Romania RS Serbia RU Russian Federation RW Rwanda	MK	The Former Yugoslav
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NO Norway NZ New Zealand OM Oman PA Panama PE Peru PG Papua New Guinea PH Philippines PK Pakistan PL Poland PT Portugal PY Paraguay QA Qatar RO Romania RS Serbia RU Russian Federation RW Rwanda	NI	Nicaragua
NZ New Zealand OM Oman PA Panama PE Peru PG Papua New Guinea PH Philippines PK Pakistan PL Poland PT Portugal PY Paraguay QA Qatar RO Romania RS Serbia RU Russian Federation RW Rwanda	NL	Netherlands
OM Oman PA Panama PE Peru PG Papua New Guinea PH Philippines PK Pakistan PL Poland PT Portugal PY Paraguay QA Qatar RO Romania RS Serbia RU Russian Federation RW Rwanda	NO	Norway
PA Panama PE Peru PG Papua New Guinea PH Philippines PK Pakistan PL Poland PT Portugal PY Paraguay QA Qatar RO Romania RS Serbia RU Russian Federation RW Rwanda	NZ	New Zealand
PE Peru PG Papua New Guinea PH Philippines PK Pakistan PL Poland PT Portugal PY Paraguay QA Qatar RO Romania RS Serbia RU Russian Federation RW Rwanda	ОМ	Oman
PG Papua New Guinea PH Philippines PK Pakistan PL Poland PT Portugal PY Paraguay QA Qatar RO Romania RS Serbia RU Russian Federation RW Rwanda	PA	Panama
PH Philippines PK Pakistan PL Poland PT Portugal PY Paraguay QA Qatar RO Romania RS Serbia RU Russian Federation RW Rwanda	PE	Peru
PK Pakistan PL Poland PT Portugal PY Paraguay QA Qatar RO Romania RS Serbia RU Russian Federation RW Rwanda	PG	Papua New Guinea
PL Poland PT Portugal PY Paraguay QA Qatar RO Romania RS Serbia RU Russian Federation RW Rwanda	PH	Philippines
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	RW	Rwanda
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so	Somalia
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TN	Tunisia
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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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VE	Venezuela
VN	Viet Nam
YD	Yemen
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe



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



- (22) 27/02/2011
- (21) 0322/2011
- (44) February 2015
- (45) 01/07/2015
- (11) | 27118

(51)	Int. Cl. ⁸ E06B 3/70
(71)	1. HEBAA ELRAHMAN AHMED HAFEEZ (EGYPT) 2. 3.
(72)	1. HEBAA ELRAHMAN AHMED HAFEEZ 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) METHOD FOR CREATING SPHERICAL BUILDING WITH CONICAL SUMMIT AND MULTICS-LAYERED MOVABLE WALLS

Patent Period Started From 27/02/2011 and Will end on 26/02/2031

(57) The invention is a design for building element in the form of incomplete sphere, The design is consuming of energy. It consists of multiple layers on moving streams and equipped with sensors, The movement of the working layers were controlled automatically or manually according to climate changes in the surrounding atmosphere. The top and bottom of the layers are installed on several axes centered together. The movement of insulated layers are done by sliding on the certain channels.

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



PCT

(22) 10/10/2011

- (21) 1704/2011
- (44) January 2015
- (45) 01/07/2015
- (11) 27119

(51)	Int. Cl. ⁸ F16K 17/14, 17/16, 17/40	
(71)	1. FIKE CORPORATION (UNITED STATES O 2. 3.	F AMERICA)
(72)	 WALKER, Joseph, A STILWELL, Bradford, T SHAW, Bon, F 	4. MILLER, E., Dean
(73)	1. 2.	
(30)	1. (US) 12/422.851 - 13-04-2009 2. (PCT/US2010/030681) - 12-04-2010 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) PRESSURE RELIEF DEVICE HAVING SUPPORT MEMBER WITH RECESSED AREAS

Patent Period Started From 12/04/2010 and Will end on 11/04/2030

(57) An apertured rupture disc support member is provided for use in a rupture disc assembly. A rupture disc comprising one or more embossed segments that are complementary with the support member apertures is also disclosed. The pressure relief assembly is particularly suited for use in sanitary pressure relief applications.

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

Egyptian Patent Office



- (22) 11/04/2012
- (21) 0678/2012
- (44) December 2015
- (45) 02/07/2015
- **(11)** | **27120**

(51)	Int. Cl. 8 B60R 19/18
(71)	 ASHRAF MAHMOUD ABDEL MOATY ABDELAZIZ EZZO (EGYPT) YASSER SABER MOHAMED ESMAEEL ALMALEEH 3.
(72)	 ASHRAF MAHMOUD ABDEL MOATY ABDELAZIZ EZZO YASSER SABER MOHAMED ESMAEEL ALMALEEH JOMANA ASHRAF MAHMOUD ABDELMOATY ABDELAZIZ EZZO LOGIN ASHRAF MAHMOUD ABDELMOATY ABDELAZIZ EZZO JANA ASHRAF ABD EL-AZIZ EZZO
(73)	1. 2.
(30)	1. 2. 3.
(74)	ASHRAF MAHMOUD ABDEL MOATY ABDELAZIZ EZZO
(12)	Patent

(54) BUMPER FOR ANTI-CRASHING USING THE REPULSION OF SIMILAR POLES OF THE ELECTRO MAGNET

Patent Period Started From 11/04/2012 and Will end on 10/04/2032

(57) When two cars approach each other at a distance from a specific distance A sensor explores the other car and identify it as a vehicle and not any other moving object By a "RFID STICKER" attached at the end of the car Through RFID SENCOR the Micro Control sends a signal to the electric magnets to activate it And the vice versa for the other car When the magnets work a repulsion happen to prevents or reduces the collision process.

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





PCT

- (22) 01/04/2010
- (21) 0526/2010
- (44) January 2015
- (45) 02/07/2014
- (11) |27121

(51)	Int. Cl. 8 G07F 11/00 & G05B 19/418 & G06Q 10/00 & G07D 7/00
(71)	1. KBA-GIORI S.A (SWITZERLAND)
	2. 3.
(72)	1. CAREY, Martin
	2. 3.
(73)	1.
(30)	1. (EP) 07117734.9 - 02-10-2007 2. (PCT/IB2008/05996) - 01-10-2008
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) METHOD AND SYSTEM FOR CONTROLLED PRODUCTION OF SECURITY DOCUMENTS, ESPECIALLY BANKNOTES

Patent Period Started From 01/10/2008 and Will end on 30/09/2028

There is described a method for controlled production of security documents, especially banknotes, wherein said security documents are subjected to a plurality of successive printing and processing operations (20.1, 20.2,) on a plurality of processing stations. The method comprises the steps 5 of: (i)providing a computer network comprising a central server station (10) coupled via a data network (15) to a plurality of local computer stations (25.1, 25.2, 26.1, 26.2,), one local computer station (25.1, 25.2,) being operatively coupled to each processing station (20.1, 20.2,);10 (ii)defining at least one production order, which production order involves the production of a desired volume of security documents according to a defined production workflow, this production order being subdivided into a plurality of production loads (30, 30*, 30**,) each being assigned a machine- readable load identifier (35);15 (iii)assigning selected processing stations among available processing stations (20.1, 20.2,) to carry out processing of the production order according to the production workflow; and (iv)selectively processing each production load (30, 30*. 30**,) through the processing stations (20.1, 20.2,) depending on the determined production 20 workflow of the corresponding production order defined for each production load, whereby each production load (30, 30*, 30**,) is first subjected to a load acceptance procedure based on its machine-readable load identifier (35) before being authorized to be processed on a selected processing station among said available processing stations (20.1, 20.2,).25 Also described is a system for carrying out said method.

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





PCT

(22) 23/05/2013

(21) 0882/2013

(44) January 2015

(45) 05/07/2014

(11) 27122

(51)	Int. Cl. 8 B29C 65/18 & B42C 15/00 & B65B 51/14
(71)	1. COLIBRI' SYSTEM S.P.A (ITALY) 2. 3.
(72)	1. FARNETI, Aldo 2. 3.
(73)	1. 2.
(30)	1. (IT) MI 2010 A 002175 - 24-11-2010 2. (PCT/EP2011/070678) - 22-11-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) ELECTRICALLY OPERATED MACHINE FOR COVERING BOOK COVERS AND SEALING ENVELOPES AND ARTICLES OF VARIOUS KIND

Patent Period Started From 22/11/2011 and Will end on 21/11/2031

(57) A machine is described for covering book covers and sealing envelopes or articles of various kind. The machine comprises a fixed lower base suitable for resting a sheet of flexible plastic material, single or unwindable from a roll, for an article to be covered, an upper part movable towards said base and a heat-able blade accommodated in said upper part to execute the soldering of the overlapped ends of the plastic material sheet along the edges of said article when said upper part is approached to said lower base. To approach the upper part to the lower base, the machine comprises an electric motor, a control member accessible from the outside of the machine for operating said electric motor and movement transmission means acting on the sides of said upper part to induce, at every activation of said electric motor determined by said control member, an approaching movement of said upper part towards said lower base for executing the soldering of the ends of the plastic material sheet.

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

Egyptian Patent Office



PCT

(22) 11/08/2011

(21) 1348/2011

(44) January 2015

(45) 13/07/2015

(11) 27123

(51)	Int. Cl. 8 A23L 2/70, 2/78, 2/80, 2/82, 2/38
(71)	1. HARBOES BRYGGERI A/S (DENMARK) 2.
	3.
(72)	1. GRIESE, Bernhard
	2.
	3.
(73)	1.
. ,	2.
(30)	1. (DK) (PA200900212) – 13-02/2009
	2. (PCT/EP2010/051790) – 12-02-2010
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

METHOD FOR PRODUCING CLEAR AND SOLUBLE CEREAL-BASED EXTRACT

Patent Period Started From 12/02/2010 and Will end on 11/02/2030

(57) A method for producing a concentrated cereal-based extract for the production of food products, in particular clear and haze-free cereal-based beverages. The method comprises the steps of subjecting a wort to heat treatment with a stabilization agent subjecting the heat treated wort to a cold stabilization step step wherein the wort is chilled and the solids from said chilled wort are separated to obtain a clarified wort; subjecting the clarified wort to a concentration step wherein the dry matter content of the wort is increased to obtain a concentrate; and subjecting the concentrate to a hot filtration step to obtain the concentrated cereal based extract. .

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





PCT

- (22) 18/11/2007
- (21) 0592/2007
- (44) March 2015
- (45) 14/07/2015
- (11) 27124

(51)	Int. Cl. 8 C05F 11/00
(71)	1. AHMED ABOU EL YAZIED AHMED ABDEL HAFEZ (FGYPT) 2. 3.
(72)	1. AHMED ABOU EL YAZIED AHMED ABDEL HAFEZ 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	AYMAN AHMED MAHER NASSIF OTHMAN ABAZA
(12)	Patent

(54) MINIMIZING CONSUMPTION OF MINERAL NITROGEN AND PHOSPHATE FERTILIZERS THROUGH APPLYING BORON, NON-SYMIOTIC NITROGEN AND PHOSPHATE SOLUBLIZING BIOFERTILIZERS TO ORGANIC SUBSTANCE AND ROCK PHOSPHATE

Patent Period Started From 18/11/2007 and Will end on 17/11/2027

This process will be implemented by preparing a mixture of: Milled Rock Phosphatic loaded with Calcium and Magnesium Silicate(0.01%) + 25% Organic Substance + 0.03% Boron (in the form of Boric Acid)+ specialized biological solvents to facilitate the Phosphor -phosphate Microorganisms (Bacillus megaterium Paenibacillus polymyxa) + Air Azotic Stabilizers Azospirillum + Azotobacter. On fertilizing the above compound, the biological phosphorous solvents excrete biological organic acids, which facilitate the process of phosphor solution and transform it to easier form for plant without using the chemical acids (like sulphuric acid) used in manufacturing mineral phosohatic fertilizers, that leads to pollution. Adding biological Azotic Stabilizers to the compound will fix the air azotes (Nitrogen) in soil and provide Nitrogen to plants, which help in reducing the amount of chemical fertilizers whether nitrogen or phosphatic and hence reducing the amount of environmental pollution.

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



PCT

(22) 27/07/2011

(21) 1262/2011

(44) January 2015

(45) 14/07/2015

(11) 27125

(51)	Int. Cl. 8 B31F 1/07, 1/12, 1/16, 1/18 & D21F 1/00, 11/14, 2/00, 3/00	
(71)	1. GEORGIA-PACIFIC CONSUMER PRODUCTS LP (UNITED STATES OF AMERICA) 2. 3.	
(72)	 SUPER, Guy H. RUTHVEN, Paul J. MCCULLOUGH, Stephen J. 	 SZE, Daniel H. WENDT, Greg A. MILLER, Joseph H.
(73)	1. 2.	
(30)	1. (US) 61/206,146 – 28/01/2009 2. (US) 12/694,650 – 27/01/2010 3. (PCT/US2010/022369) – 28/01/2010	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) BELT-CREPED, VARIABLE LOCAL BASIS WEIGHT ABSORBENT SHEET PREPARED WITH PERFORATED POLYMERIC BELT

Patent Period Started From 28/01/2010 and Will end on 27/01/2030

(57) An absorbent cellulosic sheet is formed by belt creping a nascent web at a consistency of 30% to 60% utilizing a generally planar perforated polymeric creping belt to form a sheet with fiber enriched higher basis weight hollow domed regions on one side of the sheet joined by a network of lower local basis weight connecting regions forming a network where upwardly and inwardly inflected consolidated fibrous regions exhibiting CD fiber orientation bias form transition areas between the connecting regions and the domed regions. When formed into roll products, the cellulosic sheets exhibit a surprising combination of bulk, roll firmness, absorbency and softness. The consolidated fibrous regions are preferably saddle shaped and exhibit a matted structure on both their outer and inner surfaces.

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- (22) 30/05/2012
- (21) 0975/2012
- (44) January 2015
- (45) 21/07/2015
- (11) 27126

(51)	Int. Cl. ⁸ C02F 3/30
(71)	 AMERICAN WATER WORKS COMPANY, INC. (UNITED STATES OF AMERICA) 3.
(72)	 GIRALDO, Eugenio LIU, Yanjin MUTHUKRISHNAN, Swarna
(73)	1. 2.
(30)	1. (US) 12/886,321 – 20-09-2010 2. (US) 12/982,060 – 30/12/2010 3. (PCT/US2011/043163) – 07/07/2011
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) OPTIMIZED NUTRIENT REMOVAL FROM WASTEWATER Patent Period Started From 07/07/2011 and Will end on 06/07/2031

(57) Methods and systems are provided for reducing ammonia partially by a denitrification process. A stream containing ammonia is contacted with oxygen to form a first product stream in low dissolved oxygen conditions. The ratio of oxygen to nitrogen is about 2.28 g O₂/g N-NH₃ (2.28 grams of oxygen per gram of nitrogen in ammonia) or less. The first product stream is then exposed to organic matter in an amount of 0.57 g COD/g N- NH₃ (0.57 grams of chemical oxygen demand per gram of nitrogen in ammonia). This microbial reaction ultimately produces nitrogen gas, water, and carbon dioxide.

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PCT

(22) 03/01/2013

(21) 0002/2013

(44) January 2015

(45) 22/07/2015

(11) 27127

(51)	Int. Cl. 8 C01B 3/02, 3/38, 3/48, 3/50, 3/56	
(71)	1. CASALE SA. (SWITZERLAND) 2. 3.	
(72)	 FILIPPI, Ermanno BARATTO, Francesco PANZA, Sergio 	4. OSTUNI, Raffaele
(73)	1. 2.	·
(30)	1. (EP) 10168495,9 - 06-07/2010 2. (PCT/EP/2011/057729) - 12-05-2011 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) PROCESS FOR PRODUCING AMMONIA SYNTHESIS GAS Patent Period Started From 12/05/2011 and Will end on 11/05/2031

(57) A process for producing ammonia synthesis gas from a hydrocarbon-containing feedstock, with steps of primary reforming, secondary reforming with an oxidant stream, and further treatment of the synthesis gas including shift, removal of carbon dioxide and methanation, wherein the synthesis gas delivered by secondary reforming is subject to a medium-temperature shift (MTS) at a temperature between 200 and 350 ?C, and primary reforming is operated with a steam-to-carbon ratio lower than 2. A corresponding method for revamping an ammonia plant is disclosed, where an existing HTS reactor is modified to operate at medium temperature, or replaced with a new MTS reactor, and the steam-to-carbon ratio in the primary reformer is lowered to a value in the range 1-5 -2, thus reducing inert steam in the flow rate trough the equipments of the front-end.

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Egyptian Patent Office



PCT

(22) 06/11/2012

(21) 1867/2012

(44) January 2015

(45) 22/07/2015

(11) 27128

(51)	Int. Cl. 8 C07C 1/04, 11/04, 11/06, 11/08
(71)	1. CASALE CHEMICALS SA (SWITZERLAND) 2. 3.
(72)	1. FERRINI, Cristina 2. 3.
(73)	1. 2.
(30)	1. (EP) 10162438,5 - 10/05/2010 2. (PCT/EP2011/057307) - 06/05/2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS FOR THE PRODUCTION OF LIGHT OLEFINS FROM SYNTHESIS GAS

Patent Period Started From 06/05/2011 and Will end on 05/05/2031

(57) A new process for light-olefins production is disclosed. The process comprises the step of contacting syngas with a iron-based catalyst at a temperature in the range from 250° C to 350° C and at a pressure in the range from 10 bar to 40 bar. By so doing a production of light olefins with a selectivity of at least 80% is obtained.

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



(22)	28/04/2010	J
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(21) 0691/2010

(44) January 2015

(45) 28/07/2015

(11) 27129

(51)	Int. Cl. ⁸ B29B 7/44
(71)	1. PUSS AG (SWITZERLAND) 2. 3.
(72)	 PETER, Franz JOEL, Stampfli HANS, Ulrich Siegenthaler
(73)	1. 2.
(30)	1. (CH) 09/00730 – 11/05/2009 2. 3.
(74) (12)	MOSTAFA HUSAIN KHALIL EL-SHAFEE Patent

(54) MIXING AND KNEADING MACHINE FOR CONTINUAL COMPOUNDING AND METHOD OF IMPLEMENTING CONTINUAL COMPOUNDING BY MEANS OF MIXING AND KNEADING MACHINE

Patent Period Started From 28/04/2009 and Will end on 27/04/2030

(57) A mixing and kneading machine for continual compounding comprises a screw shaft rotating in a casing and simultaneously moving axially translationally. To sustainably enhance the efficiency of the machine as regards its material thruput per unit of time the screw shaft comprises at four groups of radial screw vanes evenly distributed least circumferentially, each group consisting of a plurality of screw vanes in axial sequence. The outer diameter of the screw shaft ranges from 400 to 800 millimeters. The rotary speed of the screw shaft ranges from 30 to 80 rpm. A mixing and kneading machine engineered as such is particularly suitable for compounding an anodic mass in the production of electrodes anodes - for the aluminum industry.

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PCT

(22) 15/01/2012

(21) 0086/2013

(44) March 2015

(45) 29/07/2015

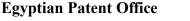
(11) 27130

(51)	Int. Cl. ⁸ B65D 51/16, 47/18, 49/04
(71)	1. LABORATOIRES THEA (FRANCE) 2.
	3.
(72)	 DEFEMME, Alain MERCIER, Fabrice .
(73)	1. 2.
(30)	1. (FR) 10 03233 - 30-07-2010 2. (PCT/IB2011/001741) - 28-07-2011 3.
(74)	MAGDA HAROUN
(12)	Patent

(54) HEAD FOR DISPENSING A LIQUID AS A DRIP Patent Period Started From 28/07/2011 and Will end on 27/07/2031

(57) The invention relates to a head for dispensing liquid as a drip, comprising a nozzle onto which a channel for ejecting the liquid leads, wherein air sucked in from the outside is returned through said channel in the opposite direction. In the nozzle, on the ejection channel, the drip dispensing head of the invention comprises a valve functioning as a non-return valve for the circulation of the liquid being ejected. The mobile disc of said valve is produced so as to selectively enable air to pass through the valve when the disc is bearing against the seat thereof in a position for closing the liquid ejection channel. The disc is returned to said position by negative pressure applied upstream, which tends to suck in outside air. The disc is advantageously made of a microporous material, which provides antibacterial filtering of the return air.

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PCT

(22) |14/11/2011

(21) 1928/2011

(44) January 2015

(45) 30/07/2015

(11) 27131

(51)	Int. Cl. 8 C08F 255/00, 255/02, 8/00, 8/12& C08L 51/06
(71)	1. BOREALIS AG (AUSTRIA) 2. 3.
(72)	1. CARLSSON, Roger 2. DAHLEN, Kristian 3.
(73)	1. 2.
(30)	1. (EP) 09006546.7 - 14-05-2009 2. (EP) 10002178.1 - 03-03-2010 3. (PCT /EP2010/002972) - 14/05/2010
(74)	ABD ELHADI OFFICE FOR I.P.
(12)	Patent

(54) CROSSLINKABLE POLYOLEFIN COMPOSITION COMPRISING SILANE GROUPS FORMING AN ACID OR A BASE UPON HYDROLYSATION

Patent Period Started From 14/05/2010 and Will end on 13/05/2030

(57) The present invention relates to a polyolefin composition comprising (A) a crosslinkable polyolefin with hydrolysable silane groups which upon hydrolysation form an acid or a base, characterised in that the acid or base generates a gel content of at least 40% after 40 hours in the 90?C crosslinking test, wherein the acid or base is added in an amount of 4.5 mmol/kg to an ethylene/vinyltrimethoxysilane copolymer with a MFR2 = 2 g/10min, a density of 923 g/cm³, and 2 wt.% of vinyltrimethoxysilane and then is cross-linked in a waterbath at 90?C, and to a polyolefin composition comprising (i) a crosslinkable polyolefin with hydrolysable silane groups, and (ii) a non-polymeric compound with hydrolysable silane groups which upon hydrolysation form an acid or a base, characterised in that the acid or base generates a gel content of at least 40% after 40 hours in the 90?C cross-linking test, wherein the acid or base is added in an amount of 4.5 mmol/kg to an ethylene/vinyltrimethoxysilane copolymer with a MFR2 = 2 g/10min, a density of 923 g/cm3, and 2 wt.% of vinyltrimethoxysilane and then is cross-linked in a waterbath at 90?C.

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

Egyptian Patent Office



PCT

(22) 23/09/2012

(21) 1617/2012

(44) January 2015

(45) 30/07/2015

(11) 27132

(51)	Int. Cl. 8 A01G 7/06
(71)	1. FERTINYECT, S.L. (SPAIN) 2. 3.
(72)	 BARBADO MONTERO, Juan Jesús 3.
(73)	1. 2.
(30)	1. (ES) P201030458 - 26-03-2010 2. (PCT/ES2010/070530) - 30-07-2010 3.
(74)	ABD ELHADI OFFICE FOR I.P.
(12)	Patent

(54) DEVICE FOR INJECTING AT LEAST ONE SUBSTANCE AND/OR CHEMICAL PREPARATION INTO TREES AND/OR PALM TREES, AND AN APPLICATION METHOD

Patent Period Started From 30/07/2010 and Will end on 29/07/2030

- (57) The invention relates to a device for injecting at least one substance and/or chemical preparation into trees and/or palm trees, characterized in that it includes:
 - a) a receptacle, the inside of which includes a flexible container suitable for holding the substance and/or chemical preparation;
 - b) a connection element suitable for inserting at least one of the ends thereof into the trunk of the tree or palm tree;
 - c) an adapter system located at the receptacle outlet, which, in turn, includes a membrane holder, a non-return valve or membrane and a closure element for the adapter system. The invention likewise relates to a process for applying at least one substance and/or chemical preparation to at least one tree and/or palm tree.

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PCT

- (22) 27/02/2011
- (21) 0319/2011
- (44) January 2015
- (45) 30/07/2015
- (11) 27133

(51)	Int. Cl. ⁸ H02B 1/21
(71)	1. SCHNEIDER ELECTRIC USA, INC. (UNITED STATES OF AMERICA) 2. 3.
(72)	 DIAZ, Mauricio 3.
(73)	1. 2.
(30)	1. (US) 12/201,138 -29-08-2008 2. (PCT/US2009/055048) - 26-08-2009 3.
(74)	ABDEL HADY FOR I.P.
(12)	Patent

(54) EFFICIENT HIGH-AMPACITY BOWL-SHAPED TUBULAR CONDUCTORS

Patent Period Started From 26/08/2009 and Will end on 25/08/2029

(57) A high ampacity busbar includes a pair of oppositely facing bowl-shaped conductors, each of whose cross sections resembles half of a hexagon or an open isosceles trapezoid, separated by an air gap in both horizontal and vertical configurations. The air gap increases cooling efficiency by natural convection by exposing more surface area of the conductors directly to the air flow within the electrical distribution equipment cabinet. As a result, the overall temperature of the bus system is reduced. The shaped conductors have smoother transitions presented to the electrical current between the bends of the conductors. These smooth transitions improve current distribution throughout the conductor, reducing skin effects. As a result of improved thermal dissipation and reduced skin effects, the amount of copper needed to maintain the same ampacity is significantly reduced. Magnetic shields can be placed between adjacent busbars, reducing proximity effects.

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PCT

- (22) 09/03/2011
- (21) 0380/2011
- (44) January 2015
- (45) 30/07/2015
- (11) 27134

(51)	Int. Cl. ⁸ B01J 35/02	
(71)	1. JOHNSON MATTHEY PLC (UNITED KINGDOM) 2. 3.	
(72)	 BIRDSALL, David, James BABOVIC, Mileta CARLSSON, Mikael Per Uno FRENCH, Samuel, Arthur 	5. NIJEMEISLAND, Michiel6. SENGELOW, William, Maurice7. STITT, Edmund, Hugh
(73)	1. 2.	
(30)	1. (GB) 0816703,3 – 12-09-2008 2. (PCT/GB2009/051051) - 24-08-2009 3.	
(74)	ABD ELHADI OFFICE FOR I.P.	
(12)	Patent	

(54) SHAPED HETEROGENEOUS CATALYSTS Patent Period Started From 24/08/2009 and Will end on 23/08/2029

(57) A catalyst unit is described in the form of a cylinder having a length C and diameter D, which has one or more holes extending therethrough, wherein said cylinder has domed ends of lengths A and B, such that (A+B+C)/D is in the range 0.50 to 2.00, and (A+B)/C is in the range 0.40 to 5.00. The catalyst or catalyst unit preferably has one or more flutes running along its length. The catalyst may be used particularly in steam reforming reactors.

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



PCT

(22) 19/09/2012

(21) 1526/2012

(44) January 2015

(45) 30/07/2015

(11) 27135

(51)	Int. Cl. ⁸ G01V 1/28
(71)	1. GECO TECHNOLOGY B.V. (NETHERLANDS) 2. 3.
(72)	 LIU, Qinglin RONNOW, Daniel IRANPOUR, Kambiz
(73)	1. 2.
(30)	1. (US) 12/720,144 - 09-03-2010 2. (PCT/US2011/025352) - 18-02-2011 3.
(74)	ABD ELHADI OFFICE FOR I.P.
(12)	Patent

(54) USING SEISMIC SENSOR TRANSFER FUNCTIONS FOR HIGH FIDELITY SEISMIC IMAGING

Patent Period Started From 18/02/2011 and Will end on 17/02/2031

(57) A technique includes deploying seismic sensors to perform a seismic survey and during the deployment of the seismic sensors, testing each of the seismic sensors to determine an associated sensor transfer function. The technique includes determining an associated operator to apply to seismic data acquired by each of the seismic sensors in the seismic survey based at least in part on a frequency dependent variation between the associated sensor transfer function and a nominal response for the seismic sensor. The technique includes processing the seismic data, including applying the associated operators to the seismic data.

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PCT

- (22) 03/07/2013
- (21) 1137/2013
- (44) January 2015
- (45) 30/07/2015
- (11) 27136

(51)	Int. Cl. ⁸ G01V 1/00
(71)	1. BP CORPORATION NORTH AMERICA INC. (UNITED STATES OF AMERICA) 2. 3.
(72)	 ABMA, Raymond BEAUDOIN, Gerard, J. JIANG, Zhiyong
(73)	1. 2.
(30)	1. (US) 61/431,943 – 12-01-2011 2. (PCT/US2012/021031) – 12-01-2012 3.
(74)	ABD ELHADI OFFICE FOR I.P.
(12)	Patent

(54) SHOT SCHEDULING LIMITS FOR SEISMIC ACQUISITION WITH SIMULTANEOUS SOURCE SHOOTING

Patent Period Started From 12/01/2012 and Will end on 11/01/2032

(57) According to an embodiment of the instant invention there is provided a method for collecting a blended source seismic survey that utilizes new approach to determining; a random time separation between successive shots. The random time separation may be drawn in some embodiments from a distribution of uniformly distributed numbers, with? > 1/ (2 f), where? is the half-width of the uniform distribution and f is the lowest frequency of interest in the survey.

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PCT

(22) |17/09/2012

(21) 1585/2012

(44) March 2015

(45) 30/07/2015

(11) 27137

(51)	Int. Cl. ⁸ C10G 45/00
(71)	1. CULLN, MARK (UNITED STATES OF AMERICA) 2. 3.
(72)	1. CULLN, Mark 2. 3.
(73)	1. 2.
(30)	1. (US) 61/315,737 - 19-03-2010 2. (US) 13/050,698 - 17-03-2011 3. (PCT/US 2011/028988) - 18-03-2011
(74)	NAZEH AKHNOKH SADEK ELYAS
(12)	Patent

(54) PROCESS FOR REMOVING SULFUR FROM HYDROCARBON STREAMS USING HYDROTREATMENT, FRACTIONATION AND OXIDATION

Patent Period Started From 18/03/2011 and Will end on 17/03/2030

(57) Methods for removing sulfur from hydrocarbon streams using the sequential application of hydrodesulfurization, fractionation and oxidation. The hydrodesulfurization step is operative to remove easily-hydrogenated sulfur species, such as sulfides, disulfides and mercaptans. The resultant stream is then fractionated at a select temperature range to generate a substream that is sulfur-rich with the sulfur species resistant to removal by hydrodesulfurization. The sub-stream is then isolated and subjected to an oxidative process operative to oxidize the sulfur species to sulfones or sulfoxides, which may then be removed by a variety of conventional methods, such as absorption. Alternatively, the methods may comprise using the sequential application of fractionation to generate a sulfur-rich sub-stream followed by oxidation and subsequent removal of the sulfur species present in the sub-fraction. The latter methods are ideally suited for transmix applications.

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GRANTED PATENTS' ABSTRACTS GAZETTE "PATENT ISSUED AUGUST IN 2015"

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Preface

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

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

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

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

Bibliographic data

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Priority Date	30
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Inventor Name	72
Patentee Name	73
Patent Attorney Name	74

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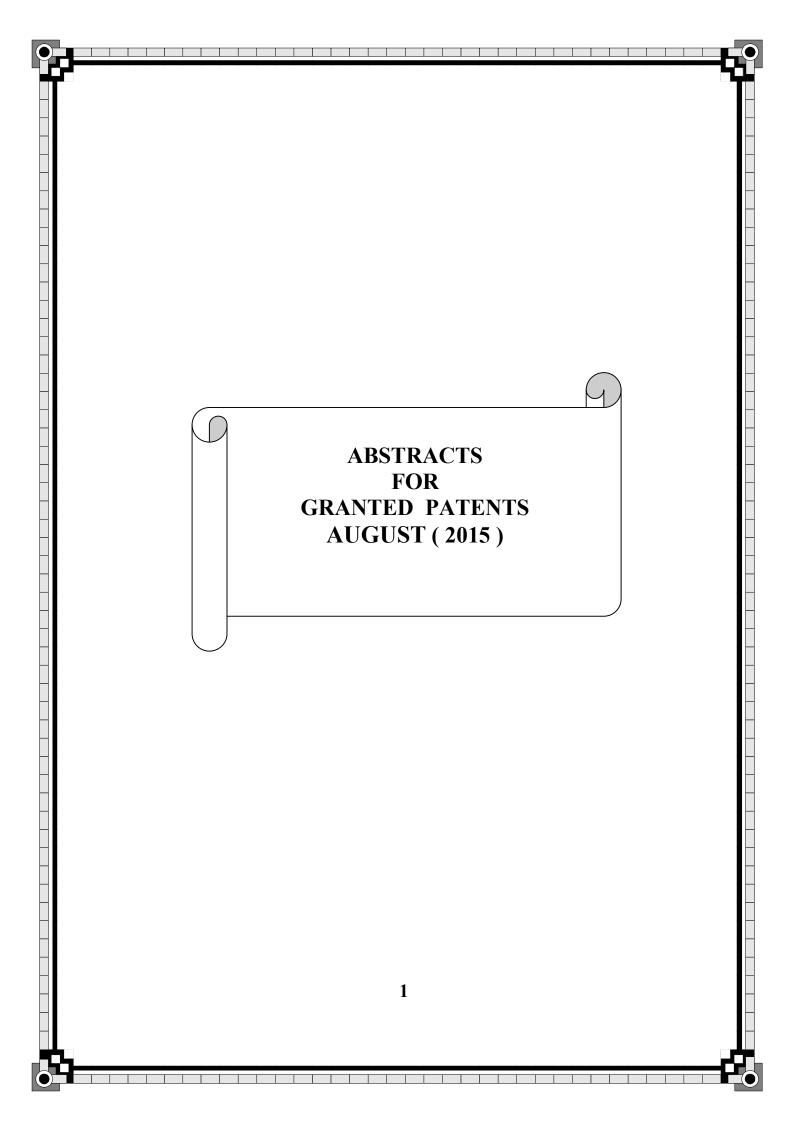
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ZM	Zambia
ZR	Zaire
ZW	Zimbabwe



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

Egyptian Patent Office



PCT

(22) 03/01/2007

(21) PCT/NA0001/2007

(44) February 2015

(45) 09/08/2015

(11) 27138

(51)	Int. Cl. ⁸ A61K 31/40, 31/4015, 31/4164, 31/4166 C07D 207/04, 207/26, 233/02, 233/22, 401/04, 413/04, 413/06 1. Merck Sharp & DOHM CORP. (UNITED ST 2. 3.	233/24, 263/04, 263/20, 263/22, 275/02, 285/04,
(72)	1. ALI, Amjad 2. NAPOLITANO, JOANN. M 3 DENG,QIAOLIN 4. LU,ZHIJIAN 5. SMITH,CAMERON.J	6. TAYLOR,GAYLE,E 7. THOMPSON,CHRISTOPHE,F 8. QURAISHI,NAZIA 9. SMITH,CAMERON.J 10. HUNT,JULIANNE.A
(73)	1. 2.	
(30)	1. (US) 60/585. 274 - 02-07-2004 2. (US) 60/646.103 - 21-01-2005 3. (PCT/US2005/023546) - 01-07-2005	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) DERIVATIVES OF 5 -MEMBERED NITROGEN - CONTAINING HETERO CYCLE AS CHOLESTERYL ESTER TRANSFER PROTEIN INHIBITORS

Patent Period Started From 01/07/2005 and Will end on 30/06/2035

(57) Compounds having the structures of Formula I, including pharmaceutically acceptable salts of the compounds, are CETP inhibitors, and are useful for raising HDL-cholesterol, reducing LDL-cholesterol, and for treating or preventing atherosclerosis: In the compounds of Formula I, B or R² is a phenyl group which has an ortho aryl, heterocyclic, benzoheterocyclic or benzocycloalky substituent, and one other position on the 5-membered ring has an aromatic, heterocyclic, cycloalkyl, benzoheterocyclic or benzocycloalky substituent connected directly to the ring or attached to the ring through a -CH₂-.

$$\begin{array}{c}
B \\
(R)_{2}C \\
N \\
Z \\
X \\
-C \\
R^{2}
\end{array}$$

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



PCT

(22) 03/05/2011

(21) 0684/2011

(44) February 2015

(45) 09/08/2015

(11) 27139

(51)	Int. Cl. 8 C01B 31/02, 31/08, 31/12	
(71)	 NATIONAL RESEARCH CENTER (EGYPT) 3. 	
(72)	1. Houssni El-Saied	4. Vanessa Fierro
,	2. Altaf Halim Basta	5. Alain Celzard
	3. Amr Mohamed Helal	6. Weigang Zhao
(73)	1.	
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(30)	1.	
	2.	
	3.	
(74)		
(12)	Patent	

(54) INNOVATIVE, ENVIRONMENTAL AND ECONOMIC RICE WASTE MANAGEMENT FOR PRODUCTION OF ACTIVATED CARBON

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

(57) Egypt is producing about 8 million tones rice annually, about 1.2 million tones rice hulls are produced. Most of this amount is still unused, and regards as undesirable substrate for lignocellulosic products. This invention deals on returning rice hulls to high performance active carbon (AC), using economic chemical activation approach (phosphoric acid in absence of inert gas). The success of this approach was evaluated from measuring BET surface area (nitrogen adsorption? desorption isotherms obtained at 77 K) and the adsorption capacities of methylene blue (using langmuire adsorption model), of active carbons produced, and compared these values with those obtained with using conventional chemical activation approaches, using acid activating agents in present of nitrogen atmosphere, and imported AC. The invented approach leads to produce active carbon with surface area 1094 m2/g AC, yield 36.2% and adsorption capacity of methylene blue 160 mg/g AC. These values were higher than references samples; especially for methylene adsorption capacity (SBET and Qo for commercial AC and that prepared under nitrogen are 1039 & 510 m2/g and \sim 38.7 & 81.3 mg/g, respectively.

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





PCT

(22) 28/07/2010

(21) 1268/2010 (44) February 2015

(45) | 09/08/2015

(11) 27140

(51)	Int. Cl. 8 C07C 11/10, 209/60, 211/01, 211/22
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2.
(72)	3. 1. Khairy A.M. El-Bayouki
(12)	 Wahid Mohamed Mahmoud Basyouni Samir Youssef Abbas Mohammed
(73)	1. 2.
(30)	1. 2. 3.
(74)	NATIONAL RESEARCH CENTER – FOCAD POINT WITH EGYPTIAN PATENT OFFICE. REPRSENTED BY MAGDA MEHASSEB EL-SAYED & OTHERS
(12)	Patent

(54)PREPARATION AND CHARACTERIZATION OF METFORMIN AS INSULIN RESISTANT REDUCING AGENTS FOR TYPE II **DIABETES**

Patent Period Started From 28/07/2010 and Will end on 27/07/2030

The present invention relates to the preparation and chemical characterization of Metformin. It used in the treatment of diabetics. Metformin is the first line of real estate used in the treatment of Diabetes type II. Metformin of the most medically prescribed real estate in general where there are more than 40 million prescriptions in this drug. Search for a way to prepare Metformin has been shown to there s no way available for the preparation of this drug and it is imported from abroad and given the suffering incurred by Diabetic patients of this disease in general, and particularly patients traders who are classified medically the second type (Type II) and those with hyper-sensitivity to insulin use. So we have focused on the preparation of Metformin by local raw materials in the hope of curbing the importation of this drug. We have been reached to prepare the drug by number of routes. We selected the best ways in which gave satisfactory returns. Metformin was prepared in a simple economic and at high yield and purity through one pot synthesis.

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

Egyptian Patent Office



PCT

(22) 21/10/2012

(21) 1787/2012

(44) March 2015

(45) 09/08/2015

(11) 27141

(51)	Int. Cl. ⁸ C11D 3/02, 3/39, 17/00
(71)	 EVONIK DEGUSSA GMBH (GERMANY) 3.
(72)	 LEININGER, Stefan JAKOB, Harald OVERDICK, Ralph
(73)	1. EVONIK TREIBACHER GMBH (AUSTRIA) 2.
(30)	1. (DE) 102010028236.7 - 27-04-2011 2. (PCT/EP2011/056607) - 27-04-2011 3.
(74)	SOHAIR, MIKHAEEL & OTHERS
(12)	Patent

(54) BLEACHING AGENT PARTICLES COMPRISING SODIUM PERCARBONATE AND A BLEACH ACTIVATOR

Patent Period Started From 27/04/2011 and Will end on 26/04/2031

of sodium percarbonate, an inner enveloping layer containing at least 50 wt % of sodium sulfate in the form of thenardite or burkeite and an outer enveloping layer, containing a water-soluble binder and a perhydrolyzable N-acyl compound or O-acyl compound as the bleach activator, wherein said particles are storage-stable, suitable for silo storage and can be safely transported and handled even in a hot and humid climate.

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





PCT

- (22) 16/08/2010
- (21) | 1377/2010
- (44) March 2015
- (45) | 09/08/2015
- (11) 27142

(51)	Int. Cl. ⁸ G08G 1/0967
(71)	1. AHMAD MUSTAFA ALLAM HASAN MAHGOB (EGYPT)
	2.
	3.
(72)	1. AHMAD MUSTAFA ALLAM HASAN MAHGOB
	2.
	3.
(73)	1.
,	2.
(30)	1.
	2.
	3.
(74)	RASHWAN ABD EL-RAHEEM
(12)	Patent

(54)WARNING OF THE DANGERS OF ROAD Patent Period Started From 16/08/2010 and Will end on 15/08/2030

Is a device that is divided into two namely to extend the power necessary to run the first device a fixed land and installs street light pole is located near the source of danger on the road a distance of half a kilometer away or any other appropriate sensors give signals to the second device for mobile drive which receives these signals and alert the driver through audio signals and optical the second device mobile car and placed in the car and draws power to run it on by the car battery to run the device continuously in order to receive signals from the first device the hard ground next to a source of danger to work on the road to alert the driver signals of light and sound.

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

Egyptian Patent Office



PCT

(22) 30/07/2007

(21) 0789/2007

(44) February 2015

(45) 10/08/2015

(11) 27143

(51)	Int. Cl. 8 C09D 129/04&C08K 5/19& A01N 25/10& 25/34& 33/12
(71)	1. NOVAPHARM RESEARCH PTY LTD (AUSTRALIA) 2. 3.
(72)	1. KRTTZLER, STEVEN 2. 3.
(73)	1. 2.
(30)	1. (AU) 2005900444 - 02-02-2005 2. (PCT/AU2006/000130) - 02-02-2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) BIOSTATIC POLYMER Patent Period Started From 02/02/2006 and Will end on 01/02/2036

(57) Methods and compositions effective for at least a week for prevention of microbial colony growth on a surface, for example an inanimate surface, where the surface is covered with a dry or substantially dry film formed from a composition comprising a polyvinyl alcohol and a quaternary ammonium compound. The film may be formed in situ by coating the surface with a solution or emulsion comprising a polyvinyl alcohol and a quaternary ammonium compound and then causing or allowing it to dry or substantially dry.

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

Egyptian Patent Office



PCT

(22) 19/07/2012

(21) | 1289/2012

(44) February 2015

(45) 10/08/2015

(11) 27144

(51)	Int. Cl. ⁸ C09C 1/00 & C09D 7/12
(71)	1. OMYA INTERNATIONAL AG (SWITZERLAND) 2. 3.
(72)	 GYSAU, Detlef GANE, Patrick, A. C. SAUNDERS, George MCJUNKINS, Joseph
(73)	1. 2.
(30)	1. (EP) 10151721.7 – 26-01-2010 2. (US) 61/400,648 - 30-07-2010 3. (PCT/EP2011/050953) – 25/-01-2011
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) COATING COMPOSITION COMPRISING SUBMICRON **CALCIUM CARBONATE** Patent Period Started From 25/01/2011 and Will end on 24/01/2031

(57) Coating composition providing gloss and opacity on application, having a pigment volume concentration of from 5 % up to the critical pigment volume concentration and characterised in that comprises at least one ground natural calcium carbonate having a volume median diameter of between 0.05 and 0.3 um, and at least one pigment having a refractive index of greater than or equal to 2.5.

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

Egyptian Patent Office



PCT

(22) 18/05/2010

(21) 0817/2010

(44) February 2015

/08/2015 (45)

(11) 27145

(51)	Int. Cl. 8 C23C 28/00 & F24J 2/07, 2/48 & H01L 31/0216
(71)	1. SCHOTT SOLAR AG (GERMANY) 2. 3.
(72)	1. DR.THOMAS KUCKELKORN 2. DR.KAMEL SILMY 3. DR.SEBASTIAN DREYER
(73)	1. 2.
(30)	1. (DE) 10 2009 022 059.3 - 20-05-2009 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)RADIATION-SELECTIVE ABSORBER COATING CHARACTERIZED BY ABSORPTION LAYER

Patent Period Started From 18/05/2010 and Will end on 17/05/2030

The invention relates to a radiation-selective absorber coating, in particular for absorber tubes of parabolic trough collectors, comprising a layer which is reflective in the infrared range, at least one barrier layer arranged below the reflective layer, at least one absorption layer arranged above the reflective layer, and comprising an antireflection layer arranged above the absorption layer, at least one adhesionenhancing layer being arranged between the barrier layer and the reflective layer.

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PCT

- (22) 25/12/2012
- (21) 2131/2012
- (44) March 2015
- (45) 10/08/2015
- (11) 27146

(51)	Int. Cl. 8 H01R 13/95 & F23N 5/10
(71)	1. SABAF S.P.A. (ITALY) 2. 3.
(72)	1. BETTINZOLI, Angelo 2. 3.
(73)	1. 2.
(30)	1. (PCT/IT 2010/000292) -30-06-2010 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) ELECTRICAL CONNECTION FOR CONNECTING A THERMOCOUPLE TO THE MAGNET ASSEMBLY OF A SAFETY COCK FOR GAS SUPPLY

Patent Period Started From 30/06/2010 and Will end on 29/06/2030

(57) Electrical connection for connecting the phase conductor and the ground cable of a thermocouple to the magnet assembly of a gas supply safety cock, of the type comprising a thermocouple connection head that can be coupled to a complementary contact portion of the magnet assembly, in which the connection head of the thermocouple comprises a first terminal for the phase conductor, or for the ground cable, and a second terminal for the ground cable, or for the phase conductor, and in which the aforesaid contact portion of the magnet assembly comprises a complementary jack for the first terminal and a coupling collar for the second terminal. The second terminal advantageously comprises at least one thin elastic plate internally insert able in the collar, and the thermocouples connection head and the contact portion of the magnet assembly are shaped to deform the thin elastic plate when inserted inside the same collar in contact with the latter.

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PCT

- (22) 02/05/2012
- (21) 0909/2012
- (44) March 2015
- (45) 10/08/2015
- (11) 27147

(51)	Int. Cl. 8 B65D 88/02& B65G 5/00& F17C 1/00
(71)	1. RED LEAF RESOURCES, INC (UNITED STATES OF AMERICA) 2. 3.
(72)	1. PATTEN, James, W 2. 3.
(73)	1. 2.
(30)	1. (US) 61/263.261 - 20-11-2009 2. (PCT/US2010/057162) - 18-11-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SUBSIDENCE CONTROL SYSTEM Patent Period Started From 18/11/2010 and Will end on 17/11/2030

(57) A method of maintaining structural integrity of a subsiding earthen fluid containment structure id disclosed and comprises forming a lined containment infrastructure including a convex bulged crown portion, floor portion and sidewall portions which enclose a comminuted earthen material within an enclosed volume such that fluid flow from the lined containment compound is restricted. The bulged crown flattens, thickens and diminishes in surface area during subsidence of the comminuted earthen material as fluid is removed. The bulged crown is shaped to avoid tensile stresses which may otherwise result in breach or failure of lined containment during subsidence. Further, the lined containment structure can include an inner insulative layer and an outer impermeable seal layer having unique contributions as described in more detail herein.

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



PCT

(22) 18/01/2012

(21) 0102/2012

(44) March 2015

(45) 10/08/2015

(11) 27148

(51)	Int. Cl. 8 C07C 5/333, 11/06, 11/08, 11/0	9, 11/167	
(71)	1. THYSSENKRUPP UHDE GMBH (GERMANY) 2. 3.		
(72)	 GEHRKE, Helmut SCHWASS, Rolf HEINRITZ-ADRIAN, Max 	4. NOLL, Oliver 5. WENZEL, Sascha	
(73)	1. 2.	·	
(30)	1. (DE) 10 2009 034 464.0 - 22-07-2009 2. (PCT/EP2010/004348) - 16-07-2010 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

(54) PROCESS AND APPARATUS FOR DEHYDRATING ALKANES WITH EQUALIZATION OF THE PRODUCT COMPOSITION Patent Period Started From 16/07/2010 and Will end on 15/07/2030

(57) The invention relates to processes for dehydrating alkanes. In a plurality of reactors of the adiabatic, allothermic or isothermic type or combinations thereof, a gaseous alkane-containing stream of material is led through a bed of catalyst in a continuous operation, which produces a gas stream which contains an alkane, hydrogen and an unconverted alkane. In order to achieve equalization of the product composition, at least one of the process parameters comprising temperature, pressure or vapor-hydrocarbon ratio is registered at one or more points on at least one of the reactors in the form of measured values, at least one of the process parameters being monitored and influenced in a specific manner, so that the composition of the product gas at the outlet from the reactor remains constant over the operating period.

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

Egyptian Patent Office



PCT

(22) 30/12/2003

(21) 1117/2003

(44) January 2015

(45) 10/08/2015

(11) 27149

(51)	Int. Cl. 8 C07D 231/00, 333/28
(71)	1. ADNAN AHMED BEKHIT EL-SAYED (EGYPT)
(/1)	2.
	3.
(72)	1. ADNAN AHMED BEKHIT EL-SAYED
	2.
	3.
(73)	1.
, ,	2.
(30)	1.
(00)	2.
	3.
(74)	ABD EL-NASSER ABDULLAH GOBRAN EGYPTIAN PATENT OFFICE, REPRESENTED BY
(, ,	ALEXANDRIA UNIVERSITY – FOCD POINTWITH
(12)	Patent

(54) PYRAZOLE DERIVATIVES AS ANTI- INFLAMMATORY-ANTIMICROBIAL AGENT

Patent Period Started From 30/12/2003 and Will end on 29/12/2023

(57) Two pyrazole derivatives were designed and synthesized as anti-inflammatrory-antimicrobial agents, namely; 3-(5-bromo-2-thienyl)-4-[1-acetyl-3-(4-methylphenyl)-2-pyrazolin-5-yl]-1-phenyl-1H-pyrazole 3 and 3-(5-bromo-2-thienyl)-4-[1-phenyl-methylphenyl)-1H-pyrazol-5-yl]-1-phenyl-1H-pyrazole 4. The newly synthesized compounds were tested for their in vivo anti-inflammatory activity by two different bioassays namely; cotton pellet- induced granuloma and sponge implantation model of inflammation in rats. In addition, COX-1 and COX-2 inhibitory activities, ulcerogenic effects and acute toxicity were determined. The same compounds were evaluated for their in vitro antimicrobial activity against Escherichia coli, as an example of Gram negative bacteria, Staphylococcus aureus as an example of Gram positive bacteria, and Candida albicans as a representative of fungi.

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

Egyptian Patent Office



PCT

(22) 21/04/2013

(21) 0671/2013

(44) February 2015

(45) 12/08/2015

(11) 27150

(51)	Int. Cl. ⁸ B01D 53/48, 53/68 & C10J 3/84, 3/02, 3/20 & C10K 1/12, 1/20 & F27B 7/36 & F23G 5/027
(71)	1. VICAT (FRANCE) 2. 3.
(72)	 HUE, Francois PASQUIER, Michel LAC, Philippe
(73)	1. 2.
(30)	1. (FR) 10/58829 - 27-10-2010 2. (PCT/FR2011/052512) - 27-10-2011 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) CEMENT CLINKER MANUFACTURING PLANT Patent Period Started From 27/10/2011 and Will end on 26/10/2031

(57) The invention relates to a cement clinker manufacturing plant characterized in that it comprises: a plant for producing purified syngas, obtained from solid waste, and means for transferring ash recovered from the ash pan of the gasifier to at least one inlet of the feedstock conversion device, which the plant includes, and/or of the furnace for the purpose of incorporating said ash into the feedstock; and means for conveying the purified syngas to the main tuyere of the furnace and/or to at least one inlet of the feedstock conversion device.

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EGYPT

PCT

(22) 19/09/2011

(21) 1555/2011

(44) March 2015

(45) 12/08/2015

(11) |27151

(51)	Int. Cl. ⁸ B26B 21/44	
(71)	1. THE GILLETTE COMPANY (UNITED STATES OF AMERICA) 2. 3.	
(72)	 CLARKE, Sean, Peter SZCZEPANOWSKI, Andrew, Anthony SALEMME, James, Leo 	4. SIMMS, Graham, John 5. WATTAM, Christopher, James
(73)	1. 2.	
(30)	1. (US) 12/409.081 - 23-03-2009 2. (PCT/US2010/028091) - 22-03-2010 3.	
(74)	UTILITY MODEL	
(12)	Patent	

(54) MANUALLY ACTUABLE LIQUID DISPENSING RAZOR Patent Period Started From 22/03/2010 and Will end on 21/03/2017

(57) The invention features a razor for dispensing a fluid during shaving. The razor includes a handle, a razor cartridge, and a fluid dispensing member joined to the cartridge. The handle includes a cavity for housing a fluid and a manually-actuated pump to displace the fluid from the cavity through a supply channel to an opening at the proximal end of the handle. The razor cartridge includes a cartridge connecting structure attached to the housing, at least one blade positioned in the housing, and an aperture that extends from the rear surface to the front surface of the housing. The fluid dispensing member has a dispensing channel with an opening at a supply end and an opening at a dispensing end. The supply end is configured to engage the opening in the supply channel. The dispensing end projects outwardly and extends to or adjacent to the aperture in the housing.

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

Egyptian Patent Office



PCT

- (22) 22/01/2012
- (21) 0126/2012
- (44) February 2015
- (45) 12/08/2015
- (11) 27152

(51)	Int. Cl. 8 C07C 407/00, 409/00 & C08F 4/34	
(71)	1. AKZO NOBEL CHEMICALS INTERNATIONAL B.V. (NETHERLANDS) 2. 3.	
(72)	 DE JONG, Johannes Jacobus Theodorus NUYSINK, Johan VANDUFFEL, Koen Antoon Kornelis 	4. WAANDERS, Petrus Paulus
(73)	1. 2.	
(30)	1. (EP) 09167351.7 - 06-08-2009 2. (EP) 61/244,571 - 22-09-2009 3. (PCT/EP2010/061251)03-08-2010	
(74)	NAHID WADI RIZK TARAZI	
(12)	Patent	

(54) STORAGE STABLE AND SAFE PEROXIDE EMULSIONS WITH A HIGH ACTIVE OXYGEN CONTENT

Patent Period Started From 03/08/2010 and Will end on 02/08/2030

(57) Emulsion comprising an oil phase dispersed in an aqueous phase, wherein said oil phase comprises at least 53 wt% of one or more organic peroxides, more than 50 wt% of which have a molecular active oxygen content of at least 7.00 5 wt%, said emulsion satisfying the classification tests for organic peroxide type F. This emulsion allows the safe transport and storage of organic peroxide emulsions with high active oxygen content without the need for larger vent openings or higher design pressure of transport tanks and storage tanks.

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PCT

- (22) 18/11/2012
- (21) 1911/2012
- (44) February 2015
- (45) 12/08/2015
- (11) 27153

(51)	Int. Cl. ⁸ B65B 37/00
(71)	 SIG TECHNOLOGY AG (SWITZERLAND) 3.
(72)	 HEEP, Frank STEINFELDT, Ralf HORTMANNS, Johannes
(73)	1. 2.
(30)	1. (DE) 10 2010 023 831.7 - 10-06-2010 2. (PCT/DE2011/001055) - 05-05-2011 3.
(74)	NAZEH AKHNOKH SADK ELIAS
(12)	Patent

(54) DEVICE AND METHOD FOR FILLING PRODUCTS Patent Period Started From 05/05/2011 and Will end on 04/05/2031

(57) The invention relates to a method and device used to fill a container with a product. The product consists of a first liquid component and at least one second component. The product is supplied to the container to be filled via at least one filling line and at least one filling valve. The filling line is subdivided into line sections between the receiving container and the filling valve by at least one throttle valve. The line section between the filling valve and a throttle valve arranged adjacent to the filling valve is dimensioned such that the interior volume of said part of the filling line substantially corresponds to a filling volume of a container to be filled.

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

Egyptian Patent Office



PCT

- (22) 03/03/2010
- (21) 2010/0349D1
- (44) February 2015
- (45) 16/08/2015
- (11) 27154

(51)	Int. Cl. 8 A61F 13/15, 13/49, 13/496
(71)	1. UNI - CHARM CORPORATION (JAPAN) 2.
	3.
(72)	1. TAKINO, Shunsuke
(, -)	2. MAEDA, Yuki
	3. TANJI, Hiroyuki
(73)	1,
(,0)	2.
(30)	1. (JP) 2007-230639 - 05-09-2007
(0 0)	2. (JP) 2007-230640 - 05-09-2007
	3. (JP) 2007-230709 - 05-09-2007
	4. (JP) 2007-230710 - 05-09-2007
	5. (JP) 2007-232015 - 06-09-2007
	6. (PCT/JP2008-065904) - 03-09-2008
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DISPOSABLE DIAPER

Patent Period Started From 03/09/2008 and Will end on 02/09/2015

The present invention aims to provide a disposable diaper improved to ensure a desired fitness of the diaper to the wearer's body particularly in the region defined between the buttocks to the legs. A disposable diaper comprising a ventral sheet member 2 and a dorsal sheet member 3 extending in parallel to each other in a transverse direction X and a crotch sheet member extending in the longitudinal direction Y and joined to the ventral sheet member and the dorsal sheet member wherein the crotch sheet member 4 has a transverse dimension smaller than those of the ventral and dorsal sheet members, characterized in that the ventral sheet member and the dorsal sheet member are provided with waist-surrounding elastic members 6 bonded thereto under tension in the transverse direction, opposite side edges extending in the longitudinal direction on both sides of the crotch sheet member become parallel to each other when the disposable diaper is flatly developed, and an width of the crotch sheet member as measured in the transverse direction is larger on a border line with the dorsal sheet member than on a border line with the ventral sheet member when the waist-surrounding elastic members, the crotch sheet member, the ventral sheet member, and the dorsal sheet member are shrunk. [REFERRING TO] Fig. 3

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Egyptian Patent Office



PCT

- (22) 03/03/2010
- (21) 0349D2/2010
- (44) February 2015
- (45) 16/08/2015
- (11) 27155

(51)	Int. Cl. 8 A61F 13/15, 13/49, 13/496
(71)	1. UNI - CHARM CORPORATION (JAPAN) 2. 3.
(72)	 TAKINO, Shunsuke MAEDA, Yuki TANJI, Hiroyuki
(73)	1. 2.
(30)	1. (JP) 2007-230639 - 05-09-2007 2. (JP) 2007-230640 - 05-09-2007 3. (JP) 2007-230709 - 05-09-2007 4. (JP) 2007-230710 - 05-09-2007 5. (JP) 2007-232015 - 06-09-2007 6. (PCT/JP2008-065904) - 03-09-2008
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) AN ABSORBENT PRODUCT WITH IMPROVED FEATURES OF LIGHT TRANSMISSION AND TEAR RESISTANCE

Patent Period Started From 03/09/2008 and Will end on 02/09/2015

the present invention aims to provide a wearing article improved so that the article has a well tear resistance and allows the wearer's skin to be seen through the wearing article. The article comprises a belt member 4 defining front and rear waist regions and a liquid-absorbent structure 5 defining a crotch region wherein the belt member 4 includes a peripheral edge 19 of a waist-opening and this peripheral edge 19 comprises two segments associated with the front and rear waist regions spaced from and opposed to each other in an anteroposterior direction Y. Front and rear belt sections 6, 7 of the belt member 4 include, in the front and rear waist regions 1, 2, see-through regions for the article wearer's skin presenting a total light transmittance of 55% or higher and occupying 40% or more of the front and rear waist regions 1, 2. The front and rear belt sections 6, 7 are provided along the peripheral edge 19 of the waist-opening with a reinforcing elastic member 35 extending in a transverse direction X.

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





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(22) 14/05/2013

(21) |0825/2013

(44) March 2015

(45) 17/08/2015

(11) 27156

(51)	Int. Cl. 8 G01V 8/10
(71)	 BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 3.
(72)	 CHEN JIANFENG YANG XUDONG
(73)	1. 2.
(30)	1. (US) 12/959.764 - 03-12-2010 2. (PCT/US2011/059119) - 03-11-2011 3.
(74)	NAHID WADI RIZK
(12)	Patent

(54)MODELING AN INTERPRETATION OF REAL TIME COMPACTION MODELING DATA FROM MULTI-SECTION **MONITORING SYSTEM**

Patent Period Started From 03/11/2011 and Will end on 02/11/2031

(57) A method, apparatus and computer-readable medium for determining deformation of a plurality of coupled members. A distributed strain sensor string on a first member is coupled to a distributed strain sensor string on a second member. Signals are obtained from the sensor strings. A subset of strain data relating to sensor strain on the first member and the second member is created. A virtual sensor string is created having a plurality of virtual sensors placed on the first and second members including a joint there between. Strain data of sensors in the distributed stain sensor strings is mapped to sensors in the virtual sensor string. The deformation of the plurality of coupled members is determined using the strain data of the virtual sensors.

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





PCT

(22) 14/05/2013

(21) | 0826/2013

(44) February 2015

(45) 17/08/2015

(11) 27157

(51)	Int. Cl. ⁸ G01V 8/10
(71)	 BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 3.
(72)	 CHEN JIANFENG YANG XUDONG THIGPEN, Brian l; CHILDERS, Brooks A;
(73)	1. 2.
(30)	1. (US) 12/960.119 - 03-12-2010 2. (PCT/US2011/059116) - 30-11-2011 3.
(74)	HODA SERAG ELDIN
(12)	Patent

(54) DETERMINATION OF STRAIN COMPONENTS FOR DIFFERENT DEFORMATION MODES USING A FILTER Patent Period Started From 03/11/2011 and Will end on 02/11/2031

(57) A method, apparatus and computer-readable medium for determining a strain component for a deformation mode of a member is disclosed. A plurality of measurements is obtained, wherein each of the plurality of measurements relates to a strain at a location of the member. A deformation mode is selected and an adjustable filter is applied to the plurality of strain measurements to determine the strain component for the selected deformation mode.

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

Egyptian Patent Office



PCT

- (22) 18/05/2012
- (21) 0828/2012
- (44) March 2015
- (45) 17/08/2015
- (11) |27158

	7 . CT 8 . TO 17 . ALICO AND AD 100
(51)	Int. Cl. ⁸ E21B 34/12, 34/10, 43/12, 23/00
,	
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA)
(11)	2.
	3.
(72)	1. HAYTER, Steven, R
	2. TRIPLETT, William, N
	3.
(73)	1,
(10)	2.
(30)	1. (US) 12/618.123 – 13-11-2009
(00)	2. (PCT/US2010/054986) – 01-11-2010
	3.
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

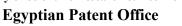
(54) MODULAR HYDRAULIC OPERATOR FOR A SUBTERRANEAN TOOL

Patent Period Started From 01/11/2010 and Will end on 31/10/2030

(57) A modular pressure operated actuator can be coupled with a downhole tool to selectively operate it at least once. In the preferred embodiment the module can be mounted adjacent an isolation valve and after a fixed number of on and off pressure cycles allow a spring to push an actuator to operate the valve to an open position. The actuator, in another embodiment, can be reset with a tool run into the module to move the actuator back against a power spring and hold that spring force until the pressure cycling begins again. The preferred application is for a formation isolation ball valve but other valves, such as sliding sleeves, or other types of downhole tools can be actuated with the module that permits a retrofit of a hydraulic operation to a heretofore purely mechanically actuated tool.

Arab Republic of Egypt Ministry of State for Scientific Research

Academy of Scientific Research & Technology





PCT

(22) |14/05/2013

(21) 0824/2013

(44) March 2015

(45) 17/08/2015

(11) 27159

(51)	Int. Cl. 8 C01C 1/28 & C23F 11/14
(71)	 BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 3.
(72)	 CHEN JIANFENG YANG XUDONG
(73)	1. 2.
(30)	1. (US) 12/959.781 - 03-12-2010 2. (PCT/US2011/059122) - 03-11-2011 3.
(74)	NAHID WADI RIZK TARAZI
(12)	Patent

(54) SOLUTION INTEGRATED FOR INTERPRETATION AND VISUALIZATION OF RTCM AND DTS FIBER SENSING DATA

Patent Period Started From 03/11/2011 and Will end on 02/11/2031

(57) A method, apparatus and computer-readable medium for determining an effect of an event on a parameter of a member is disclosed. A plurality of strain measurements are obtained at a plurality of times, wherein each strain measurement corresponding to a sensor located at the member. A temperature correction is applied to the plurality of strain measurements obtained at each of the plurality of times. The parameter is obtained from the plurality of times, and the effect of the event on the parameter is determined from the time-correlated parameters.

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





PCT

(22) 03/04/2012

(21) 0620/2012

(44) February 2015

(45) 18/08/2015

(11) 27160

(51)	Int. Cl. 8 C02F 1/04, 9/00, 101/32, 103/36
(71)	1. ENI S.P.A (ITALY) 2.
	3.
(72)	1. LOCATELLI, lino 2. CARNELLI, Lino 3.
(73)	1. 2.
(30)	1. (IT) MI2009A001718 – 08-10-2009 2. (PCT/IB2010/002563) – 06/10/2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS FOR THE PURIFICATION OF AN AQUEOUS STREAM COMING FROM THE FISCHER TROPSCH REACTION

Patent Period Started From 06/10/2010 and Will end on 05/10/2030

(57) Process for the purification of an aqueous stream coming from the Fischer-Tropsch reaction, which comprises feeding a part of said aqueous stream to a saturator, feeding a part of said aqueous stream to a distillation and/or stripping column, feeding the aqueous stream leaving the head of said distillation and/ or stripping column to said saturator. Said process allows at least a part of the aqueous stream coming from the Fischer-Tropsch reaction to be used as process water in the synthesis gas production plant, subsequently sent to the Fischer Tropsch plant for the production of hydrocarbons.

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

Egyptian Patent Office



PCT

(22) 16/10/2012

(21) 1773/2012

(44) February 2015

(45) 19/08/2015

(11) 27161

(51)	Int. Cl. 8 A23L 2/00, 2/52
(71)	1. OTSUKA PHARMACEUTICAL CO., LTD. (JAPAN) 2.
(72)	1. KITSUTAKA, Hiroshi 2. ODAGIRI, Hisa 3. AKAISHI, MORIAS
(73)	1. 2.
(30)	1. (JP) 2010-096368 – 19-04-2010 2. (PCT/JP2011/059531) – 18-04-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) BOTTLED CARBONATED BEVERAGE CONTAINING SOYBEAN POWDER OR SOY MILK

Patent Period Started From 18/04/2011 and Will end on 17/04/2031

(57) Disclosed is a technique for bottling and commercializing-in a state provided with long-term storage stability-a carbonated beverage containing soybean powder and/or soy milk. By means of filling a bottle, of which the transmittance of light rays having a wavelength of 250-650 nm is no greater than 10%, with the carbonated beverage containing soybean powder and/or soy milk, it is possible to suppress a decrease in flavor and secure the long-term storage stability of the carbonated beverage containing soybean powder and/or soy milk.

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



PCT

(22) 20/06/2012

(21) 1145/2012

(44) April 2015

(45) 20/08/2015

(11) 27162

(51)	Int. Cl. ⁸ E03D 9/16
(71)	1. GAMAL MOSTAFA DARWIYH ALSAYED (EGYPT) 2.
	3.
(72)	1. GAMAL MOSTAFA DARWIYH ALSAYED
, ,	2.
	3.
(73)	1.
. ,	2.
(30)	1.
	2.
	3.
(74)	
(12)	UTILITY MODEL

(54) REPLACEMENT DEVICE FOR BALLOON AUTOMATIC TO START AND STOP WATER MOTOR

Patent Period Started From 20/06/2012 and Will end on 19/06/2019

(57) Is a device that works as a liaison between the reservoir, which is the highest property and the water motor where the device running the motor until it is full, the tank and when the vacuum tank of water as a result of the consumption of the population of the property to the water, the device running the motor note that the device consists of two devices next to each other as the primary organ works and other reserves works immediately when conducting a voltage that is disrupted when the underlying device that works, and the advantage of this device is that it stops the motor so as not to drown the surface of the property as holidays. As well as it works on the final emptying the tank until the motor works, making the tank clean water does not rot and the shelf life for decades, and these features are no similar devices operating in the markets.

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

Egyptian Patent Office



PCT

(22) |02/09/2006

(21) PCT/NA2006/000900

(44) February 2015

(45) 24/08/2015

(11) 27163

(51)	Int. Cl. 8 A61K 31/353, 31/436 & A61	P 9/06 & C07D 491/04, 498/04, 513/04, 515/04
(71)	1. NISSAN CHEMICAL INDUSTRI 2. 3.	ES, LTD (JAPAN)
(72)	1. OHRAI KAZUHIKO 2. SHIGETA Yukihiko 3. UESUGI Osamu	4. OKADA, Takumi 5. MATSUDa, Tomoyuki
(73)	1. 2.	·
(30)	1. (JP) 2004/084605 - 23-03-2004 2. (PCT/JP2005/006004) - 23-03-2005 3.	
(74)	SOHAIR, MIKHAEL RIZK	
$\overline{(12)}$	Patent	

(54) TRICYCLIC BENZOPYRAN COMPOUND AS ANTI-ARRHYTHMIC AGENTS

Patent Period Started From 23/03/2005 and Will end on 22/03/2025

(57)invention relates to benzopyran derivatives of formula (I) or(II), or pharmaceutically acceptable salts thereof wherein R1 and R2 are independently of each other hydrogen atom, C1-6 alkyl group or C6-14 aryl group, R3 is hydrogen atom or C1-6 alkylcarbonyloxy group, or together with R4 is hydrogen atom, or together with R3 forms a bond, m is an integer of 0 to 4, n is an integer of 0 to 4, V is a single bond, CR7R8, NR9, O, S, SO or SO2, R5 is hydrogen atom or C1-6 alkyl group, R6 is hydrogen atom, C1-6 alkyl group, C3-8 cycloakyl group, C3-8 cycloakenyl group, amino group, C1-6 alkylamino group, di-C1-6alkyamino group, C6-14 arylamino group, C2-9 heterorylamino group, C6-14 aryl group, C2-9 heteroaryl group or C2-9 hetrocyclyl group, A is 5-, 6- or 7-member ring fused with benzene ring, as constituent atom of the ring, oxygen atom, nitrogen atom or sulfur atom may be contained in the number of 1 to 3 alone or in a combination thereof, the number of unsaturated bond in the ring is 1, 2 or 3 including an unsaturated bond of the benzene ring to be fused, carbon atoms constituting the ring may be carbonyl or thiocarbonyl .this compounds are useful as an anti-arrhythmic agent.

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



PCT

(22) 11/04/2010

(21) 0586/2010

(44) April 2015

(45) |24/08/2015

(11) 27164

(51)	Int. Cl. ⁸ A63B 23/18
(71)	1. MOHAMMED IBRAHIM, SALAH HASSANEIN (EGYPT) 2. 3.
(72)	1. MOHAMMED IBRAHIM, SALAH HASSANEIN 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) MULTI-PURPOSE SPORTS INSTRUMENT FOR BODYBUILDING AND STRENGTHENING ALL MUSCLES Patent Period Started From 11/04/2010 and Will end on 10/04/2030

(57) This invention concerns a multi-purpose Sports instrument which is considered a complete gym unit on which various exercises are carried out to strengthen all basic muscles for sportsmen. It is for both of male and female. It serves athletics and sports. It is useful in bodybuilding, Cases of reducing weight, natural treatment and hands capped sport. The instrument has many designs with different forms, sizes and various ways of performances. These designs are supplied with parts which benefit muscles of chest, shoulders, back, arms, legs, calf and the rest of assistant muscles in various inventive styles. It can be used in all schools, institutes and faculties as well as in all clubs, youth centers, military units, police clubs, central security camps, tourist villages, hotels and houses too.

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





PCT

(22) 14/04/2009

(21) 0512/2009

(44) February 2015

(45) 25/08/2015

(11) 27165

(51)	Int. Cl. ⁸ B05D 3/14, 5/06 & B42D 15/00 & B41M	3/14
(71)	1. SICPA HOLDING S.A. (SWIZERLAND) 2. 3.	
(72)	 SCHMID, Mathieu DESPLAND, Claude-Alain DEGOTT, Pierre 	4. MULLER, Edgar
(73)	1. 2.	
(30)	1. (EP) 06122467.1 - 17-10-2006 2. (PCT/EP2007/059818) - 18-09-2007 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) METHOD AND MEANS FOR PRODUCING A MAGNETICALLY INDUCED INDICIA IN A COATING CONTAINING MAGNETIC PARTICLES

Patent Period Started From 18/09/2007 and Will end on 17/09/2027

- (57) The invention concerns a device for magnetically transferring indicia, such as a design or an image, to a wet coating layer applied on a substrate, such as a sheet or a web, wherein the said coating layer comprises at least one type of magnetic or magnetizable particles; said device comprising
 - a) at least one magnetized permanent-magnetic plate carrying relief, engravings or cut-outs, mounted such that its relief surface remains accessible,
 - b) at least one additional magnet, disposed below said at least one permanent-magnetic plate, facing the surface of the magnetic plate which is opposite to the relief, engraving or cut-out, and
 - c) a holder, which has the mechanical function to hold the pieces together in fixed positions. A method for producing the device, the use of the device, and magnetically induced designs obtained with the device, which are useful for protecting currency, value- and identity documents, are disclosed as well

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

Egyptian Patent Office



PCT

(22) 02/05/2012

(21) 0810/2012

(44) March 2015

(45) 25/08/2015

(11) 27166

(51)	Int. Cl. ⁸ C09C 1/02 & C01F 5/24
(71)	1. OMYA DEVELOPMENT AG (SWITZERLAND) 2. 3.
(72)	 POHL, Michael RAINER, Christian ESSER, Markus
(73)	1. OMYA INTERNATIONAL AG (SWITZERLAND) 2.
(30)	1. (EP) 09174954.9 - 03-11-2009 2. (US) 61/280,918 - 10-11-2009 3. (PCT/EP2010/066664) - 02-11-2010
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PRECIPITATED MAGNESIUM CARBONATE Patent Period Started From 02/11/2010 and Will end on 01/11/2030

(57) The present invention relates to a process for preparing hydromagnesite in an aqueous environment. The invention further relates to such hydromagnesite having a specific platy-like morphology in combination with a specific average particle size and to their use as minerals, fillers and pigments in the paper, paint, rubber and plastics industries and to the use as flame-retardant.

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





PCT

- (22) 27/03/2011
- (21) 0468/2011
- (44) February 2015
- (45) 26/08/2015
- (11) 27167

(51)	Int. Cl. ⁸ C09K8/32, 8/36, 8/34, 4/524
(71)	 HALLIBURTON ENERGY SERVICES, INC (UNITED STATES OF AMERICA) 3.
(72)	 HARRISON, Douglas, J ZANTEN, Ryan, Van 3.
(73)	1. 2.
(30)	1. (US) 12/239.442 - 26-09-2008 2. (PCT/GB2009/002156) - 08-09-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) MICROEMULSIFIERS AND METHODS OF MAKING AND USING SAME

Patent Period Started From 08/09/2009 and Will end on 07/09/2029

(57) A method comprising contacting a zwitterionic surfactant, co-surfactant, and water to form a microemulsifier, and contacting the microemulsif?er with an oleaginous fluid under low shear conditions to form a microemulsion. A method comprising introducing a first wellbore servicing fluid comprising at least one oleaginous fluid into a wellbore, wherein the first wellbore servicing fluid forms oil-wet solids and/or oil-wet surfaces in the wellbore, and contacting the oil-wet solids and/or oil-wet surfaces in the wellbore with a second wellbore servicing fluid comprising a zwitterionic surfactant, a co-surfactant, and a brine to form a microemulsion.

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



PCT

(22) |24/05/2011

(21) 0828/2011

(44) February 2015

(45) 27/08/2015

(11) |27168

(51)	Int. Cl. 8 A01H 1/06,C12N 5/04
(71)	 MANAL HANAFY MAHMOUD (EGYPT) AHMED MAHMOUD ABD EL DAYEM MAHMOUD EL SAID HASHEM
(72)	 MANAL HANAFY MAHMOUD AHMED MAHMOUD ABD EL DAYEM MAHMOUD EL SAID HASHEM
(73)	1. 2.
(30)	1. 2. 3.
(74)	MANAL HANAFY MAHMOUD
(12)	Patent

(54) THE TECHNIQUE OF PRODUCING SEEDLINGS FOR BLACK SAPOTE

Patent Period Started From 24/05/2011 and Will end on 23/05/2031

This invention included the production method of black sapote seedlings (which did not produce by any special laboratory in the world) through using tissue culture technique by following many next steps: In the first stage (establishment) from developing tissue culture technique we could overcome phenols, contamination and hormones problems, which prevent developing explant was attained by using a suitable agent for sterilizing explants that giving the highest survival percentage and the least injuries on sprouting percentage by using mercuric chloride (classifying heavy metallic salts) at 0.1% for 3:5 minutes. For phenols, soaking explants after cutting in knob medium or salt solution (sodium chloride 0.09%) both used in cold or freezing way improved survival percentage and viability. Besides, it was improved sterilizing performance by reducing sterilization time through decreasing explants microbial loading by washing it with 3:5 times alternate with water rinsing after every time of sulfur soap washing. Also, Using gradient concentrations of alcohol increased survival percentage as this decreased the deleterious effect of using alcohol at 70%. Finally, cultured explants in establishment medium improved survival percentage and viability. Moreover, it was achieved a best date to collect explant around the year, as winter and autumn, which producing the highest survival percentage with the lowest mortality percentage. In addition, it was obtained that the suitable incubation degree at 4mg/L at 31 ºc?4, which break apical dominance, gave best growth and sprouting percentage for explants and the highest performance in medium additions. Also, it was achieved the best medium and the best medium concentration for vegetative growth. Besides, it was achieved the suitable explant to cultivate, which is both shoot tip and stem node explants giving best result.

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



PCT

(22) 15/09/2012

(21) 0696/2012

(44) March 2015

(45) 30/08/2015

(11) 27169

(51)	Int. Cl. 8 H02J 3/38
(71)	1. ACCIONA ENERGÍA, S. A. (SPAIN) 2. 3.
(72)	 GIRAUT RUSO, Elizabeth ITOIZ BEUNZA, Carlos PADROS RAZQUIN, Maria Asuncion
(73)	1. 2.
(30)	1. (PCT/ES2009/070438) - 14-10-2009 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SOLAR GENERATION METHOD AND SYSTEM Patent Period Started From 14/10/2009 and Will end on 13/10/2029

(57) The invention describes a solar generation method involving a system that comprises a set of solar cells connected to an inverter, which transmits the energy generated to an electrical grid, which comprises controlling the active and reactive power that the system transmits to the electrical grid by controlling the voltage (Vcel) of the cells and the output current (Iinv) of the inverter, such that: in a first operating mode, the voltage (Vcel) of the cells provides the maximum active power in accordance with the operating conditions; and, in a second operating mode, the voltage (Vcel) in the cells is different from the voltage that provides the maximum active power, an active power lower than the maximum being generated in order to optimize integration of the solar generation system with the electrical grid.

Arab Republic of Egypt Ministry of State for Scientific Research

Academy of Scientific Research & Technology Egyptian Patent Office



PCT

(22) 28/06/2010

(21) 1113/2010

(44) February 2015

(45) 30/08/2015

(11) 27170

(51)	Int. Cl. ⁸ A24D 1/18, A24F 47/00
(71)	1. STAGEMODE OY (FINLAND) 2. 3.
(72)	 KUNNARI, Vesa KUISTILA, Kaj HURME, Eero
(73)	1. 2.
(30)	1. (FI) 20085052 - 22-01-2008 2. (PCT/FI2009/050056) - 21-01-2009 3.
(74)	MOHAMMED TAREK ABO RAGAB
(12)	Patent

(54)	SMOKING ARTICLE
	Patent Period Started From 21/01/2009 and Will end on 20/01/2029

(57) The invention relates to a smoking article comprising tobacco, suction resistance and a chemical heat source in conjunction with the tobacco. According to the invention, the heat source comprises a heat chamber and is activated by external excitation. The invention relates further to a method for producing the smoking article.

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

Egyptian Patent Office



PCT

- (22) 17/05/2012
- (21) 0896/2012
- (44) February 2015
- (45) 30/08/2015
- (11) 27171

(51)	Int. Cl. ⁸ B65D 5/66, 85/10	
(71)	1. IMPERIAL TOBACCO LIMITED (UNITED 2. 3.	KINGDOM)
(72)	 HOLLOWAY, Steve COLLINS, Tim KNORR, Solvey SOUTHEY, Neil JENKINS, Paul 	6. BUCKINGHAM, Alistair7. WOLFGRAMM, Regine8. GURKE, Inga9. NOVAK, Slavomir10. DEVIVIER, Guillaume
(73)	1. 2.	
(30)	1. (EP) 0901450.2 - 20-11-2009 2. (PCT/EP2010/007007) - 18-11-2010 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) PACKAGE FOR TOBACCO-RELATED ARTICLES Patent Period Started From 18/11/2010 and Will end on 17/11/2030

(57) A package for tobacco-related articles comprises an outer shell, a lid which is adapted to close the top side of the outer shell and can be swiveled about a hinge line, and an inner shell. The inner shell accommodates a plurality of tobacco-related articles and can be shifted in the outer shell from a retracted position to an advanced position, which enables access to the tobacco-related articles. A cutout in the outer shell exposes part of the inner shell and enables transmitting a force onto the inner shell for moving the inner shell. A connector pushes the lid into its opened state when the inner shell is moved into its advanced position and pulls the lid into its closed state when the inner shell is moved into its retracted position.

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





PCT

(22) 17/02/2013

(21) 0249/2013

(44) April 2015

(45) 31/08/2015

(11) | 27172

(51)	Int. Cl. ⁸ C01B 3/34, 3/38, 3/48 & F22B 1/18
(71)	1. THYSSENKRUPP UHDE GMBH (GERMANY) 2. 3.
(72)	1. VON TROTHA, Thilo 2. HEINRICH, Jan 3.
(73)	1. 2.
(30)	1. (DE) 10 2010 044 939.3 - 10-09-2010 2. (PCT/EP2011/004205) - 20-08-2011 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) METHOD AND DEVICE FOR PRODUCING PROCESS VAPOR AND BOILER FEED STEAM IN A HEATABLE REFORMING REACTOR FOR PRODUCING SYNTHESIS GAS

Patent Period Started From 20/08/2011 and Will end on 19/08/2031

(57) The invention relates to a method for producing process vapor and boiler feed steam in a heatable reforming reactor for producing synthesis gas. By means of the method according to the invention, the sensible heat of a synthesis gas produced from hydrocarbons and steam can be used so that two types of vapor are obtained, which are producing during the heating and evaporation of boiler feed water and process condensate, and wherein the method also comprises a conversion of the carbon monoxide contained in the synthesis gas, and wherein the method comprises an optional heating of the boiler feed water using the flue gas from the heating of the reforming reactor. By means of the method, the sensible heat of the synthesis gas and of the flue gas originating from the heating can be used more efficiently, wherein the disadvantages from the flue gas heating, which are caused by the fluctuating heat supply in the flue gas duct, are avoided. The invention further relates to a system by means of which said method can be carried out.

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





PCT

- (22) 22/11/2011
- (21) 1979/2011
- (44) April 2015
- (45) 31/08/2015
- (11) |27173

(51)	Int. Cl. ⁸ C03C 17/23
(71)	 SAINT-GOBAIN GLASS FRANCE (FRANCE) 3.
(72)	 PETER, Emmanuelle KHARCHENKO, Andriy NADAUD, Nicolas
(73)	1. 2.
(30)	1. (FR) 0953742 - 05-06-2009 2. (PCT/FR2010/051097) - 03-06-2010 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) METHOD FOR DEPOSITING A THIN FILM, AND RESULTING MATERIAL

Patent Period Started From 03/06/2010 and Will end on 02/06/2030

(57) The invention relates to a method for producing a substrate coated on a first surface with at least one transparent and electrically conductive thin film containing at least one oxide, including the following steps: depositing said at least one thin film on said substrate; subjecting said at least one thin film to a heat treatment step in which said at least one film is irradiated with a radiation having a wavelength of between 500 and 2000 nm and focused on an area of said at least one film, at least one dimension of which does not exceed 10 cm, said radiation being emitted by at least one radiation device located opposite said at least one film, and a relative movement being generated between said radiation device and said substrate so as to treat the desired surface, said heat treatment being such that the resistivity of said at least one film is reduced during the treatment.

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

Egyptian Patent Office



PCT

- (22) 07/05/2012
- (21) 0825/2012
- (44) April 2015
- (45) 31/08/2015
- (11) 27174

(51)	Int. Cl. 8 C081L 23/06 & H01B 3/18
(71)	1. BOREALIS AG (AUSTRIA) 2. 3.
(72)	 NILSSON, Ulf SMEDBERG, Annika CAMPUS, Alfred
(73)	1. 2.
(30)	1. (EP) 09175692.4 - 11-11-2009 2. (PCT/EP2010/066709) 03-11-2010 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) A CABLE AND PRODUCTION PROCESS THEREOF Patent Period Started From 03/11/2010 and Will end on 02/11/2030

(57) The invention relates to a cable comprising a semiconductive layer and an insulation layer with improved DC electrical properties.

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



PCT

- (22) 23/01/2011
- (21) 0134/2011
- (44) April 2015
- (45) 31/08/2015
- (11) |27175

(51)	Int. Cl. ⁸ F23D 11/24, 11/38 & B05B 1/34	
(71)	1. ALSTOM TECHNOLOGY LTD (SWITZERL 2. 3.	AND)
(72)	 Fulvio MAGNI Dariusz NOWAK Tomasz DOBSKI 	4. Rafal SLEFARSKI
(73)	1. 2.	
(30)	1. (SA) 10/00105 - 29-01-2010 2. 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) INJECTION NOZZLE AND ALSO METHOD FOR OPERATING SUCH AN INJECTION NOZZLE

Patent Period Started From 23/01/2011 and Will end on 22/01/2031

(57) The invention refers to an injection nozzle especially for injecting liquid fuel, preferably crude oil into the combustion chamber of a gas turbine, which injection nozzle comprises an inner chamber which extends along a nozzle axis conically tapers to a concentric nozzle orifice and to which the medium which is to be injected is fed from outside through a plurality of inlet ports which are arranged in a distributed manner around the nozzle axis wherein the inlet ports are oriented perpendicularly to the nozzle axis and lead tangentially in each case into the inner chamber. With such an injection nozzle an improved spray cone is achieved by the fact that a pin which extends in the axial direction is concentrically and immovably arranged in the inner chamber and passes through the region of the mouths of the inlet ports and extends right into the nozzle orifice.

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

Egyptian Patent Office



PCT

- (22) 27/06/2012
- (21) 1185/2012
- (44) March 2015
- (45) 31/08/2015
- (11) 27176

(51)	Int. Cl. ⁸ B65H 51/30, 59/38
(71)	1. UNICHARM CORPORATION (JAPAN) 2.
	3.
(72)	1. YAMAMOTO, Hiroki 2.
	3.
(73)	1. 2.
(30)	1. (JP) 2009-298639 - 28-12-2009 2. (PCT/JP2010/073582) - 27-12-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) ELASTIC YARN SUPPLY APPARATUS Patent Period Started From 27/12/2010 and Will end on 26/12/2030

(57) An elastic yarn supply apparatus comprises: a tension controller for controlling stress acting on an elastic yarn drawn out from an elastic yarn package; and a driving roll for supplying the elastic yarn drawn out from the tension controller to a processing line. The driving roll operates at a supply speed that is less than a conveyance speed of a web, and the supply speed is varied in accordance with variation in the conveyance speed.

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





PCT

- (22) 25/03/2012
- (21) 0537/2012
- (44) February 2015
- (45) 31/08/2015
- (11) 27177

(51)	Int. Cl. 8 A01G 25/02, 25/06 & B05B 1/20
(71)	1. ZHU, JUN (CHINA)
	2. 3.
(72)	1. ZHU, JUN 2.
	3.
(73)	1. 2.
(30)	1. (PCT/CN2009/074304) – 29-09-2009
	2.3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FILTRATION IRRIGATION METHOD, FILTRATION IRRIGATION DEVICE AND THE MANUFACTURING METHOD **THEREOF**

Patent Period Started From 29/09/2009 and Will end on 28/09/2029

(57) A filtration irrigation method, filtration irrigation device and the manufacturing method thereof, said filtration irrigation device comprises a water carrying chamber, in which one or more porous filter membranes are arranged. One or more flow restrictors corresponding to each membrane are set on the wall of the water carrying chamber. The total permeation capacity of the flow restrictors is less than that of said filter membranes. The present invention can avoid the blockage of the device effectively.

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



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENT ISSUED SEPTEMBER IN 2015"

Egyptian Patent Office

Issue No 232

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(PATENT No. 27212)	(36)

(PATENT No. 27213)	(37)
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(PATENT No. 27218)	(42)
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(PATENT No. 27224)	(48)
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(PATENT No. 27226)	(50)
(PATENT No. 27227)	(51)
(PATENT No. 27228)	(52)
(PATENT No. 27229)	(53)
(PATENT No. 27230)	(54)
(PATENT No. 27231)	(55)
(PATENT No. 27232)	(56)

Preface

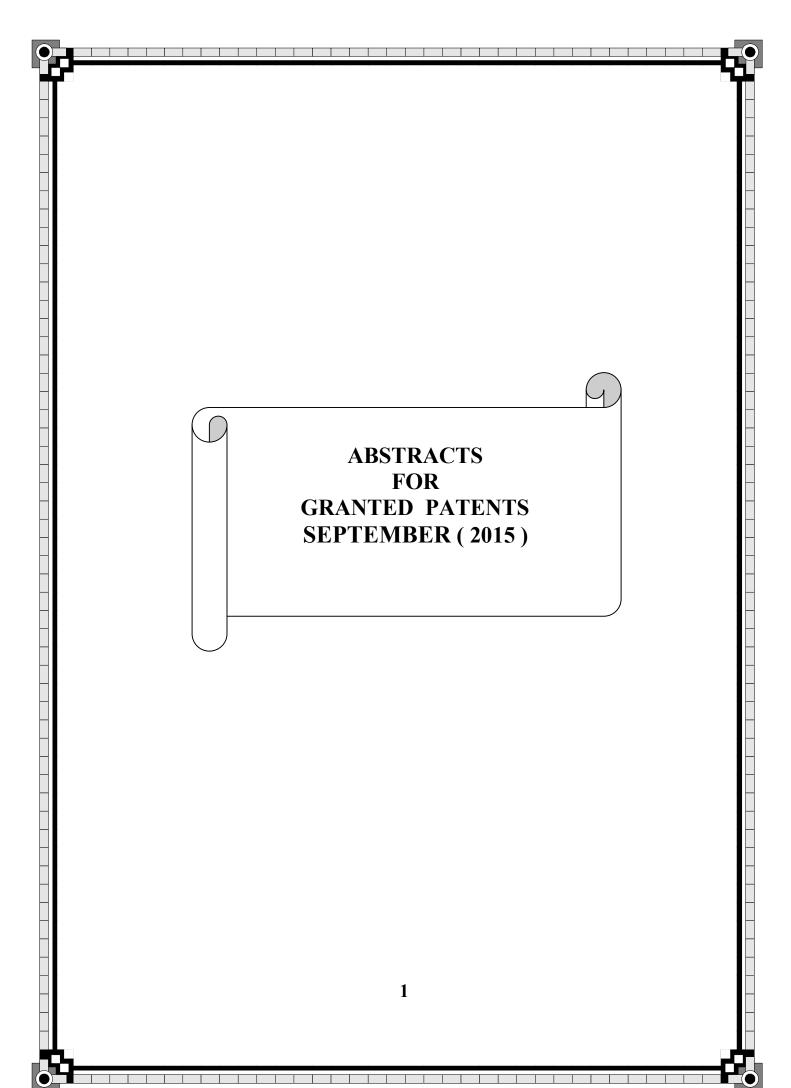
We are on the verge of a new era which is founded on the basis of technological development and hence, we have to follow it in all fields of national development. Technology has become the basis for the increase in national income and production and hence, scientific research has become our real hope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

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

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

Acting President of Patent Office

Mr. Adel El-Saeid Oweide



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



PCT

(22) 15/05/2007

(21) 0246/2007

(44) April 2015

(45) 02/09/2015

(11) 27178

(51)	Int. Cl. 8 A62C 3/07, 31/02, 35/64
(71)	1. SHALABY EL SAID AHMED SHALABY (EGYPT) 2.
	3.
(72)	1. SHALABY EL SAID AHMED SHALABY
,	2.
	3.
(73)	1.
(10)	2.
(30)	1.
()	2.
	3.
(74)	
(12)	Patent

(54) A SYSTEM FOR IMMEDIATE SELF-EXTINGUISHING FIRE Patent Period Started From 15/05/2007 and Will end on 14/05/2027

(57) This invention related to a system For Immediate Self-Extinguishing Fire and control it. The system consists of: - Store body for suitable materials could be extinguish Fire. - Programming for appearance light or sound or numeric or suitable method to identify the place of the fire. - Pump. - Switches for self operating to extinguish Fire and for protection of the place.

Arab Republic of Egypt

Ministry of State for Scientific Research Academy of Scientific Research & Technology **Egyptian Patent Office**

NAHED WADIH RIZK TARZE

(74)

(12)

Patent





PCT

(22) 03/07/2013

(21) 1141/2013

(44) February 2015

(45) 06/09/2015

(11) 27179

(51)	Int. Cl. ⁸ E21B 19/24, 17/20, 17/00
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	 ALLEN, Jason, A HAYTER, Steven, Rowell
(73)	1. 2.
(30)	1. (US) 13/012,552 - 24-01-2011 2. (PCT/US2011/065831) - 19-12-52011 3.

(54)SELECTIVE SLEEVE SYSTEM AND METHOD OF MOVING A **SLEEVE**

Patent Period Started From 19/12/2011 and Will end on 18/12/2031

(57) A selective sleeve system includes, a tubular, a sleeve movably disposed at the tubular, and a movable member having at least one dog radially biased and configured to be radially displaceable into a recess. The at least one dog is positionable perimetrically adjacent to at least one tab, subsequent displacement into the recess to radially overlap with the sleeve sufficiently to move the sleeve relative to the tubular upon movement of the movable member relative to the tubular.

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



PCT

(22) 13/02/2012

(21) 0237/2012

(44) April 2015

(45) 06/09/2015

(11) 27180

(51)	Int. Cl. ⁸ E21B 33/12
(71)	 BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 3.
(72)	 MARTIN, Carl, S. STOESZ, Carl, W. W.
(73)	1. 2.
(30)	1. (US) 12/545,968 - 24-08-2009 2. (PCT/US2010/045149) - 11-08-2010 3.
(74)	NAHED WADIH RIZK TARZE
(12)	Patent

(54) FIBER OPTIC INNER STRING POSITION SENSOR SYSTEM Patent Period Started From 11/08/2010 and Will end on 10/08/2030

(57) The well condition during gravel packing is monitored and the gravel distribution condition is sent to the surface in real time through the preferred technique of a fiber optic line that wraps around the screens directly or indirectly on a surrounding tube around the screens. The fiber optic line has a breakaway connection that severs when the completion inner string is removed. A production string can then be run in to tag the fiber optic line through a wet connect to continue monitoring well conditions in the production phase. The fiber optic line can also be coiled above the packer so that relative movement of the inner string to the set packer can be detected and communicated to the surface in real time so as to know that the crossover has been moved the proper distance to, for example, get it from the gravel packing position to the reverse out position.

Arab Republic of Egypt

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





PCT

(22) 16/09/2013

(21) 1438/2013

(44) April 2015

(45) 07/09/2015

(11) 27181

(51)	Int. Cl. 8 A01N 37/42, 43/54
(71)	1. SYNGENTA PARTICIPATIONS AG (SWITZERLAND) 2.
(72)	3. 1. RUEEGG, Willy T
	2. 3.
(73)	1. 2.
(30)	1. (EP) 11159309.1 -23-03-2011 2. (PCT/EP 2012/055093) - 22-03-2012 3.
(74)	SOHAIR MICHEAL REZK
(12)	Patent

(54) METHODS AND COMPOSITIONS FOR INCREASED PLANT YIELD

Patent Period Started From 22/03/2012 and Will end on 21/03/2032

(57) A method of growing plants can comprise providing plants at a density at least 10% greater than generally recommended plant density, contacting the plants with a plant growth regulator when they have at least two true leaves, and contacting the plants with a crop-enhancing fungicide on the same day or up to 60 days later.

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



PCT

(22) 21/09/2010

(21) 1581/2010

(44) April 2015

(45) 07/09/2015

(11) 27182

(51)	Int. Cl. 8 A01N 43/56, 25/08 & A01P 7/04	
(71)	1. ISHIHARA SANGYO KAISHA, LTD. (JAPAN) 2. 3.	
(72)	 MORITA, Masayuki AWAZU, Takao NAKAGAWA, Akira 	4. HAMAMOTO, Taku
(73)	1. 2.	
(30)	1. (JP) 2008-075284 - 24-03-2008 2. (PCT/JP 2009/055348) - 18-03-2009 3.	
(74)	SOHAIR MIKHAEEL REZK	
(12)	Patent	

(54) SOLID COMPOSITION FOR PEST CONTROL Patent Period Started From 18/03/2009 and Will end on 17/03/2029

(57) Disclosed is a preparation composition for enhancing the pest control effect of an anthranilamide compound. Specifically disclosed is a solid composition for pest control, which is characterized by containing an amorphous anthranilamide compound or a salt thereof serving as an active ingredient of a pesticide, a nonionic surfactant and/or an anionic surfactant, and a mineral-based carrier.

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

Egyptian Patent Office

Patent



PCT

- (22) 07/09/2010
- (21) 1505/2010
- (44) April 2015
- (45) 07/09/2015
- (11) 27183

(51)	Int. Cl. 8 A01N 43/56, 25/02, 25/30 & A01P 5/00, 7/02, 7/04, 9/00	
(71)	1. ISHIHARA SANGYO KAISHA, LTD. (JAPAN) 2. 3.	
(72)	 MORITA, Masayuki AWAZU, Takao NAKAGAWA, Akira 	4. HAMAMOTO, Taku
(73)	1. 2.	
(30)	1. (JP) 2008-063782 - 13-03-2008 2. (JP) 2008-305084 - 28-11-2008 3. (PCT/JP 2009/055214) - 11-03-2009	
(74)	SOHAIR MIKHAEEL REZK	

(54) PESTICIDAL COMPOSITIONS-COMPOSITIONS PESTICIDES Patent Period Started From 11/03/2009 and Will end on 10/03/2029

(57) To provide a formulation composition which improves the controlling effect of an anthranilamide compound against pests. A pesticide composition which is a concentrated composition containing an anthranilamide compound as a pesticidal active ingredient, a dispersant and a hydrophilic organic solvent, characterized in that when the composition is diluted with water, the anthranilamide compound precipitates as solid particles in water.

$$(\mathbb{R}^1)_{m}$$
 $(\mathbb{R}^1)_{N}$ $(\mathbb{R}^1)_{N}$ $(\mathbb{R}^1)_{N}$ $(\mathbb{R}^1)_{N}$ $(\mathbb{R}^1)_{N}$

Arab Republic of Egypt

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



PCT

(22) 10/08/2009

(21) D31213/2009

(44) May 2015

(45) 07/09/2015

(11) 27184

(51)	Int. Cl. ⁸ B67D 3/04 & E03D 1/08
(31)	
(71)	1. NABIL HANA MEKHAEIL AWAD (EGYPT)
(-)	2.
	3.
(72)	1. NABIL HANA MEKHAEIL AWAD
	2.
	3.
(73)	1.
	2.
(30)	1.
	2.
	3.
(74)	
(12)	Patent

(54) A FAUCET FIXED ON A WALL PROVIDED WITH EXTERNAL VALVE

Patent Period Started From 10/08/2009 and Will end on 09/08/2029

- (57) The present invention relates to relates to a faucet on a wall provided with external valve. The valve is opened and closed by a side arm fixed on an horizontal axis. The valve is provided with a collar that has two functions: It operates with the axis as a valve to open and close the faucet, and a gasket between the pipe and the end of the faucet. The said collar could be replaced easily without need to neither a plumber or to tools. The closure is done with three powers; I- the power of inserting the axis on the collar hole section.
 - (w), ii-the power of water pressure on the axis head on the outer surface (E), iii-the power of contact to the axis power (E) from inside to the collar surface.

Arab Republic of Egypt

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



PCT

(22) 21/06/2012

(21) 1163/2012

(44) April 2015

(45) 07/09/2015

(51)	Int. Cl. ⁸ C09C 1/02, 1/36, 1/40
(71)	 COATEX SAS (FRANCE) OMYA INTERNATIONAL AG (SWITZERLAND) 3.
(72)	 GUILLOT, Murielle RUHLMANN, Denis BURI, Matthias
(73)	1. 2.
(30)	1. (FR) 09/06350 - 24-12-2009 2. (US) 61/335.683 - 11-01-2010 3. (PCT/IB 2010/003327) - 22-12-2010
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	ADDING GLYCEROL AS AN AGENT TO IMPROVE THE SELF- DISPERSING PROPERTIES OF A MINERAL MATERIAL TO BE
	DISPERSING PROPERTIES OF A MINERAL MATERIAL TO BE
	ADDED TO AN AQUEOUS COMPOSITION
	Patent Period Started From 22/12/2010 and Will end on 21/12/2030

The invention relates to the use, during a step of dry grinding a mineral material, of formulations containing glycerol and/or polyglycerols, as an agent to improve the self-dispersing properties of said mineral material in an aqueous composition. The immediate viscosity of the final composition is thus reduced and kept stable over time. Furthermore, the amount of foam formed during the step of dispersal in the water is reduced.

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



(44) April 2015

(22) 18/10/2011

(21) 1744/2011

(45) 07/09/2015

PCT

(11) 27186

(51)	Int. Cl. ° C10L 3/00
(71)	1. MIDREX TECHNOLOGIES, INC (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. METIUS, Gary, Edward
	2. McClelland, James, M., Jr
	3.
(73)	1.
	2.
(30)	1. (US) 61/170.999 - 20-04-2009
	2. (PCT/US 2010/031556) – 19-04-2010
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

METHOD AND APPARATUS FOR SEQUESTERING CARBON **(54) DIOXIDE FROM A SPENT GAS** Patent Period Started From 19/04/2010 and Will end on 18/04/2030 (57) A method and apparatus for sequestering carbon dioxide from a waste gas and reusing the waste gas as a recycled gas without emissions concerns. Gas source is divided into a process gas and a waste gas. Process gas is mixed with a hydrocarbon and fed into a reformer for forming a reducing gas. At least a portion of the waste gas is fed into a carbon dioxide scrubber, forming a carbon dioxide lean gas that is mixed with the reducing gas. Optionally, the gas source and the reducing gas are associated with a direct reduction process for converting iron oxide to metallic iron.

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



- (22) 21/06/2012
- (21) 1161/2012
- (44) February 2015
- (45) 08/09/2015
- (11) 27187

(51)	Int. Cl. 8 D06P 1/16, 3/54 & C09B 29/01, 29/08, 29/039, 29/045	
(71)	1. COLOURTEX INDUSTRIES LIMITED (INDIA) 2. 3.	
(72)	 DESAI, Pankaj HIMENO, Kiyoshi DESAI, Nikhil 	4. PATEL, Jay
(73)	1. 2.	
(30)	1. (IN) 2980/MUM/2009 - 23-12-2009 2. (PCT/IN2010/000851) - 23-12-2010 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54)	DISPERSE DYES	
	Patent Period Started From 23/12/2010 and Will end on 22/12/2030	

(57) The present invention is directed to a disperse dye of formula (1) Wherein, X, Y and Z are, independently, hydrogen, halogen, cyano, nitro or SO2F; Wherein at least one of X, Y and Z is SO₂ F. R¹ is hydrogen, methyl, hydroxyl or NHR⁴; R² is hydrogen, chloro or methoxy; R³ is hydrogen, (C₁-C₄)-alkyl or -CH₂ (CH₂) n COOCH₂ CN; R⁵ is hydrogen, (C₁-C₄)-alkyl or -CH₂ (CH2) m COOCH₂CN; R⁴ is -COCH₃,-CO C₂H₅, -SO₂CH₃ or SO₂C₂ H₅; n and m are independently 0,1 or 2. With the proviso: - When, Y and Z both are Cl, R1 is other than methyl. - When, R2 is Hydrogen and R3, R4 both are alkyl, R1 is selected from NHSO₂CH₃ or NHSO₂C₂H₅. Disperse dyes of Formula (I) have excellent washing fastness and light fastness on polyester fiber and polyester blends.

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



PCT

(22) 29/08/2012

(21) | 1466/2012

(44) | February 2015

(45) 08/09/2015

(51)	Int. Cl. ⁸ F24J 2/12, 2/14, 2/52
(71)	1. HELIOVIS AG (AUSTRIA) 2. 3.
(72)	 TIEFENBACHER, Felix HOFLER, Johannes 3.
(73)	1. 2.
(30)	1. (AT) A 355/2010 - 05-03-2010 2. (PCT/AT2011/000101) - 02-03-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	CUSHION-SHAPED CONCENTRATOR	
	Patent Period Started From 02/03/2011 and Will end on 01/03/2031	

The invention relates to a cushion-shaped concentric for concentrating electromagnetic radiation, in particular solar radiation, in an absorb er, comprising a transparent membrane that faces the incoming radiation during operation and a reflector membrane, which reflects the incident radiation in the direction of the absorb er. In order to create a simply designed, low-cost cushion-shaped concentric, by means of which the electromagnetic radiation can be concentrated at high efficiency in an absorb er, the transparent membrane and the reflector membrane form an outer casing for a chamber filled with a gas at over pressure, wherein tension elements are arranged between the transparent membrane and the reflector membrane, said tension elements producing constrictions on the reflector membrane that separate concavely curved sections of the reflector membrane.

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



PCT

(22) 29/06/2009

(21) 1015/2009

(44) April 2015

(45) |09/09/2015

- (51) Int. Cl. 8 G01V 1/30 **(71)** PRAD RESEARCH AND DEVELOPMENT LIMITED (NETHERLANDS) **SUAREZ-RIVERA, Roberto** (72)2. HANDWERGER, David A. SODERGREN, Timothy L (73)(US) 11/617,993 - 29-12-2006 (30)(PCT/US2007/026210) - 21-12-2007 SAMAR AHMED EL LABBAD Patent (12)
 - METHOD AND APPARATUS FOR MULTI-DIMENSIONAL DATA ANALYSIS TO IDENTIFY ROCK HETEROGENEITY

Patent Period Started From 21/12/2007 and Will end on 20/12/2027

(57) A method, apparatus and computer usable program code for identifying regions in the ground at a well site. Continuous data is received from the well site; reducing redundancies in the continuous data received from the well site to form processed data. Cluster analysis is performed using the processed data to form a set of cluster units, wherein the set of cluster units include different types of cluster units that identify differences between regions in the ground at the well site. Properties are identified for each type of cluster unit in the set of cluster units to form a model for the well site.

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



PCT

(22) 26/05/2013

(21) 0893/2013

(44) February 2015

(45) 10/09/2015

(11) 27190

(51)	Int. Cl. 8 C22B 3/26, 3/20, 7/00, 34/22, 34/34 & C01G 39/00, 39/06
(71)	1. ENI S.P.A. (ITALY) 2.
	3.
(72)	1. BARTOLINI, Andrea
, ,	2. SENTIMENTI, Emilio
	3.
(73)	1.
` ′	2.
(30)	1. (IT) MI2010A002200 - 26-11-2010
, ,	2. (PCT/EP2011/071011) – 25-11-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS FOR THE SELECTIVE REMOVAL OF MOLYBDENUM FROM A SOLUTION CONTAINING IT

Patent Period Started From 25/11/2011 and Will end on 24/11/2031

The present invention relates to a process for selectively removing molybdenum from a solution which contains molybdenum, said process comprising the following steps: bringing the solution to an acid pH lower than or equal to 3, preferably lower than or equal to 2, even more preferably lower than or equal to 0.5, by the addition of an inorganic acid; adding at least one organic solvent, preferably toluene or xylene, to the solution and stirring continuously so as to create a water-organic emulsion; adding to the water-organic emulsion at least one alkaline metal xanthate having the general formula MeRX, wherein R is a linear or branched alkyl group having a number of carbon atoms higher than or equal to 2, Me is an alkaline metal selected from Li, Na, K, Rb, Cs and Fr, and X is the xanthate group, so as to form a complex with molybdenum wherein the molar ratio molybdenum/alkaline metal xanthate ranges from 1/6 to 1/2, keeping the emulsion at an acid pH by the addition of an inorganic acid, and interrupting the stirring so as to allow the separation of the aqueous phase from the organic phase. The linear or branched alkyl group R preferably has a number of carbon atoms higher than or equal to 2 and lower than or equal to 12. A reductant is optionally added to the starting solution which comprises Mo and V.

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



- (22) 13/02/2005
- (21) 0065/2005
- (44) March 2015
- (45) 10/09/2015
- (11) 27191

(51)	Int. Cl. 8 C07C 253/30
(71)	1. LES LABORATOIRES SERVIER (FRANCE) 2. 3.
(72)	 JEAN-Claude Souvie, ISAAC Gonzalez, Blanco .
(73)	1. 2.
(30)	1. (FR) 0501438 - 13-02-2004 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) NEW PROCESS FOR THE SYNTHESIS OF (7-METHOXY-I-NAPHTHYL ACETONITRILE AND APPLICATION IN THE SYNTHESIS OF AGOMELATINE

Patent Period Started From 13/02/2004 and Will end on 12/02/2024

(57) Process for the industrial synthesis of the compound of formula

(I) Application in the synthesis of agomelatine.

Arab Republic of Egypt

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

Egyptian Patent Office



- (22) 30/05/2012
- (21) 974/2012
- (44) **February 2015**
- (45) 10/09/2015
- (11) 27192

(51)	Int. Cl. ⁸ C02F 3/30
(71)	1. AMERICAN WATER WORKS COMPANY, INC (UNITED STATES OF AMERICA) 2. 3.
(72)	 GIRALDO, Eugenio LIU, Yanjin MUTHUKRISHNAN, Swarna
(73)	1. 2.
(30)	1. (US) 12/886,321 - 20-09-2010 2. (PCT/US2011/050655) - 07-09-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SIMULTANEOUS ANOXIC BIOLOGICAL PHOSPHORUS AND NITROGEN REMOVAL

Patent Period Started From 07/09/2011 and Will end on 06/09/2031

(57) Methods and systems are provided for treating wastewater to simultaneously remove nitrogen, carbon, and phosphorus. The process includes an anoxic tank that receives at least two streams, including plant influent wastewater and return activated sludge. These streams are mixed in the anoxic tank to promote phosphorus release and fermentation of particulate and dissolved organic matter. The mixed liquor is transferred to an aerated tank having low dissolved oxygen concentrations to promote development of phosphorus-release bacteria that is eventually recycled to the anoxic tank by way of the return activated sludge. Simultaneous nitrification, denitrification, and phosphorus release occur in the aerated tank. A membrane tank separates treated effluent from activated sludge in a membrane tank.

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



- (22) 07/03/2013
- (21) 0389/2013
- (44) February 2015
- (45) 10/09/2015
- (11) 27193

(51)	Int. Cl. 8 F28C 3/08
(71)	1. FF SEELEY NOMINEES PTY LTD (AUSTRALIA) 2. 3.
(72)	1. ROB Gilbert 2. 3.
(73)	1. 2.
(30)	1. (AU) 2012900922 - 08-03-2012 2. (AU) 2013201234 - 08-03-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) WETTING OF EVAPORATIVE COOLER PADS

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

(57) A method of controlling the operation of an evaporative air cooler where the pads of the cooler are intermittently wetted with an amount of water in excess of the capacity of the pads to absorb and retain during each wetting operation of the pad. The airflow through the pads during intermittent wetting being limited to a velocity so as to not entrain water in the airflow during the wetting operation and the velocity of the airflow through the pads is increased after each intermittent wetting so as to raise the level of cooling output of the cooler between each intermittent wetting operation.

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



- (22) 06/03/2013
- (21) 0337/2013
- (44) April 2015
- (45) 10/09/2015
- (11) 27194

(51)	Int. Cl. ⁸ F16B 7/04
(71)	1. SYMA INTERCONTINENTAL AG (SWITZERLAND)
	2.
	3.
(72)	1. ZULLIG, Kurt
()	2. STRASSLE, Marcel
	3.
(73)	1.
	2.
(30)	1. (EP) 10178912.1 - 23-09-2010
	2. (PCT/EP2011/066222) - 19-09-2011
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) SLIDE PLATE FOR A CAM-TYPE CLOSURE

Patent Period Started From 19/09/2011 and Will end on 18/09/2031

The invention relates to a slide plate for a cam-type closure of a clamping device for releasable connecting two profiled pieces, comprising a coupling region for coupling to locking elements of the clamping device. The slide plate comprises an inner opening for receiving an eccentric roll of the clamping device by which the axial displacement of the slide plate can be carried out. To this end, a spring region is provided between the inner opening for receiving an eccentric roll and the coupling region. As a result of the resilient actuation of the eccentric roll, the user feels rising resistance, whereby hap tic feedback is also provided. A closure element provided with such a slide plate additionally has a greater tolerance for profiled sections to be attached to each other.

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



PCT

(22) 19/12/2011

(21) 2118/2011

(44) April 2015

10/09/2015 (45)

(51)	Int. Cl. ⁸ E21B 43/00
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	 RICHARD, Bennett, M MCELFRESH, Paul, M WILLIAMS, Chad, F
(73)	1. 2.
(30)	1. (US) 12/490,148 - 23-06-2009 2. (PCT/US2010/039201) - 18-06-2010 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) METHOD FOR PROVIDING A TEMPORARY BARRIER IN A FLOW PATHWAY

Patent Period Started From 18/06/2010 and Will end on 17/06/2030

(57) A flow conduit may have at least one orifice, which conduit is in the vicinity of a flow source. The source is at least partially covered (and flow blocked by) an optional temporary coating or barrier (e.g. filter cake). The flow pathway between the orifice and the source is temporarily blocked with a degradable material. A delayed degradation material layer is present over or covering the degradable material. The delayed degradation material layer degrades at a rate slower than the degradable barrier. The degradable material and delayed degradation material layer disintegrate (e.g. via time, temperature, a solvent). The degradable material optionally produces a product that removes the temporary coating. The method is useful in one context of recovering hydrocarbons where the flow conduit is the casing or liner of the well and the flow source is a subterranean reservoir where the coating is filter cake.

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



- (22) 19/05/2004
- (21) 0227/2004
- (44) May 2015
- (45) 10/09/2015
- (11) 27196

(51)	Int. Cl. ⁸ B23K 28/02
	1. HEBATALRAHMAN AHMED (EGYPT) 2. 3.
	1. HEBATALRAHMAN AHMED 2. 3.
(,0)	1. 2.
	1. 2. 3.
(74) (12)	Patent

(54) MICROSTRUCTURE CONTROL UNIT DURING LASER SURFACE IRRADIATION

Patent Period Started From 19/05/2004 and Will end on 18/05/2024

(57) The present invention relates to microstructure control unit during surface treatment by laser irradiation, characterized by multireflection system allows reuse of scattered and reflected rays by internal spherical crystal and bright inner surface. The laser beams entrances are distributed on the outer surface to allow using more than one type of laser with different wavelengths or, combination between lasers and radiations. The unit characterizes air suction system to prevent oxidation. Moreover, it has tubes to push the gases inside the unit to cool the internal atmosphere that has suitable pressure & temperature. Furthermore, the outer side of the of the unit is provided with insulated layers of irradiation, load current, concrete casing, heaters & cooler to control heating and cooling rates which in turn control microstructure of the treated material and its properties.

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

Egyptian Patent Office



- (22) 16/10/2012
- (21) 1765/2012
- (44) April 2015
- (45) | 13/09/2015
- (11) 27197
- (51) Int. Cl. 8 C07C 29/36, 201/10, 205/02, 31/24

 (71) 1. AEL MINING SERVICES LIMITED (SOUTH AFRICA)
 2. 3.

 (72) 1. PIENAAR, Andre
 2. WILSON, Laurence, Justin, Pienaar
 3. STOCKENHUBER, Michael

 (73) 1. 2.

 (30) 1. (ZA) 2010/04585 29-06-2010
 2. (PCT/ZA2011/000041) 21-06-2011
 3.

 (74) MOHAMED ABD ELAAL ABD EL ALEEM

 (12) Patent

(54)	EPOXIDATION OF GLYCEROL AND DERIVATIVES	
	THEREFROM	
	Patent Period Started From 21/06/2011 and Will end on 20/06/2031	

(57) A method producing a surfactant from glycerol by converting glycerol, in a first step, to glycidol, polymerizing glycidol to an aliphatic alcohol and finally substituting a hydroxyl group with a substitute anion.

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



- (22) 25/11/2009
- (21) 1736/2009
- (44) April 2015
- (45) 14/09/2015
- (11) 27198

(51)	Int. Cl. ⁸ F28D 7/16 & F28F 9/22, 9/26
(71)	1. SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B.V. (NETHERLANDS) 2. 3.
(72)	 MULDER, Dominic us Fredericus 3.
(73)	1. BREMBANA & ROLLE S.P.A 2.
(30)	1. (EP) 07109296.9 - 31-05-2007 2. (PCT/EP 2008/056487) - 27-05-2008 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) HEAT EXCHANGER SHELL ASSEMBLY AND METHOD OF ASSEMBLING

Patent Period Started From 27/05/2008 and Will end on 06/05/2028

(57) A heat exchanger shell assembly comprising an outer shell having a nozzle at its lower side; an inner shell member within the outer shell and forming an intermediate space with the outer shell, the inner shell member having an opening at its lower side; wherein the arrangement further comprises a seal member arranged to fit in the intermediate space, the seal member providing a sealed passageway for fluid between the opening and the nozzle, and a method of assembling a heat exchanger shell structure, and a method of assembling a heat exchanger shell structure, comprising sliding an inner shell member into an outer shell, to form an intermediate space, arranging the inner shell member in a lifted position in the outer shell; sliding a seal member into the intermediate space; and lowering the inner shell member so that the gravity force exerted on the seal member acts as sealing force.

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



PCT

(22) 03/01/2010

(21) 0006/2010

(44) March 2015

(45) 14/09/2015

(51)	Int. Cl. ⁸ B01J 29/85& C07C 1/20& C01B 39/54		
(71)	1. CASALE CHEMICALS S.A (SWITZERLAND) 2. 3.		
(72)	 FERRINI, Cristina HEREIN, Daniel LINKE, David 	4. RODEMERCK, Uwe 5. KONDRATENKO, Evgeny	
(73)	1. 2.		
(30)	1. (EP) 07013300.4 - 06-07-2007 2. (PCT/EP 2008/005311) - 30-06-2008 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

(54) PROCESS FOR PREPARING SILICOALUMINOPOSPHATE (SAPO) MOLECULAR SIEVES, CATALYSTS CONTAINING SAID SIEVES AND CATALYTIC DEHYDRATION PROCESSES USING SAID CATALYSTS

Patent Period Started From 30/06/2008 and Will end on 02/06/2028

(57) A new process for producing a SAPO molecular sieve is disclosed wherein a mixture of a P source with an Al source is subjected to a digestion step under stirring before adding a Si source and a template. The slurry resulting after addition of all chemicals is subjected to a pH adjustment followed by the usual hydrothermal treatment at higher temperature in an autoclave. In this way, very pure highly crystalline SAPO molecular sieves such as SAPO-34 are obtained with a very high yield. In addition, the SAPOs produced this way have an exceptional activity in the dehydration reactions and can be employed as a active component of catalysts for the production of valuable dehydration products from methanol such as, but not limited to, olefins and dimethylether (DME).

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



PCT

(22) 04/06/2012

(21) |1001/2012

(44) February 2015

(45) |15/09/2015

(51)	Int. Cl. 8 H05B 41/292
(71)	1. AZO DIGITAL SP.Z.O.O. (POLAND) 2. 3.
(72)	1. ADAMOWICZ, Piotr 2. 3.
(73)	1. 2.
(30)	1. (PL) P-389856 -10-12-2009 2. (PCT/PL2010/000121) - 06-12-2010 3.
(74)	SHADY FAROUK MOBARAK
(12)	Patent

(54) METHOD FOR CONTROLLING HIGH INTENSITY DISCHARGE LAMP AND SUPPLY SYSTEM FOR HIGH INTENSITY DISCHARGE LAMP

Patent Period Started From 06/12/2010 and Will end on 05/12/2030

The invention relates to the method for controlling high intensity discharge lamp comprising supplying a signal of variable frequency and constant filling factor from the switches cascade to the ballast circuit and the lamp, said ballast circuit having included at least one condenser and at least one inductance, hi the method it is used the signal of periodically fluctuating frequency and constant filling factor 50 to 50%, supplied from the electronic switches cascade of the half-bridge type, connected with the ballast circuit and the lamp 9, where the ballast circuit includes at least first condenser (C1), the lamp and includes first inductance (L1) and second condenser (C2) forming a resonant circuit. The invention also related to the supply system for high intensity discharge lamp comprising the stabilized voltage source, which supplies the electronic switches cascade, half or full bridge type, connected with the lamp and the ballast, which ballast includes at least one condenser and at least one inductance, and includes the generator of the signal of voltage or current regulated frequency and the generator control unit for generating modulated width impulses. The system is characterised in that it includes the signal generator (CONTROL1) of voltage or current regulated frequency and constant filling factor and the control unit (CONTROL2) comprising at least one signal generator of constant frequency and variable filling factor. The control unit (CONTROL2) output is connected with the control input of the signal generator (CONTROL1) in such way that the control system (CONTROL2) is adapted to deliver to the signal generator (CONTROL1) impulses of modulated width, which change the signal generator (CONTROL1) operating frequency, and where the signal generator (CONTROL1) is connected with the electronic switches (T1, T2) cascade of half- bridge type, and the ballast includes first condenser (C1), first inductance (L1), second condenser (C2), and it includes second inductance (12) separating the lamp (LAMP) from second condenser (C 2).

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



PCT

(22) 17/04/2013

(21) 0646/2013

(44) May 2015

(45) 15/09/2015

(51)	Int. Cl. 8 C23C 14/28
(71)	1. EGYPTIAN PETROLEUM RESEARCHER INSTITUTE (EGYPT) 2. 3.
(72)	1. HASSAN HEFNI HASSAN HEFNI 2. MOHAMED HASSAN MOHAMED HUSSEIN 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	TAMER HAMED ABD EL-SAMIA
(12)	Patent

(54)

Patent Period Started From 17/04/2013 and Will end on 16/04/2033

(57) Chitin production process accompanied by some of the byproducts, which considered as waste materials that, polluted the environment. These byproducts can be converted into valuable materials that could be used in agriculture fields. These materials help to the growth rapidly and increase the crops production.

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



PCT

(22) 17/05/2010

(21) 0809/2010

(44) April 2015

(45) 16/09/2015

(51)	Int. Cl. 8 B09C 1/00 & G02B 27/00
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	 EL-SAYED HUSSEIN EL SAYED ZIEDAN AHMED FARAHAT SAHAB .
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	NATIONAL RESEARCH CENTER MAGDA MAHSP Patent

(54) EASY SOIL SYSTEM FOR STUDY SOIL FLORA AND PLANT

Patent Period Started From 17/05/2010 and Will end on 16/05/2030

(57) Dynamic microbial in soil and plant rhizosphere and its relations between soil components its very difficult under field conditions. So, a simple apparatus under laboratory condition is the best for carried several investigations at a short time. Result obtained its very surly - Apparatus is very simple - Very sheap cost - Easy technique for study microbial activities in soil and plant rhizosphere under different deeps in soil media and other investigations in related research field.

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



PCT

(22) 22/12/2008

(21) |2066/2008

(44) April 2015

(45) 16/09/2015

(51)	Int. Cl. 8 G01N 11/00
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	1. HALA MOHAMED GAMAL EL DIN ABD EL HAFEZ ELKADY 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	NATIONAL RESEARCH CENTER –REPRESETED BY MAGDA MUHASSEB ELSAYED Patent

(54) SIMULATION SYSTEM FOR STRUCTURE SUBJECTED TO FIRE UNDER WORKING LOAD.

Patent Period Started From 22/12/2008 and Will end on 21/12/2028

(57) The system is invented to present the state of a loaded structural element (ex: reinforced concrete column) in a building under fire. The system is controlled by custom programming an electronic control unit. The whole setup was constructed and assembled in The Engineering department lab in The NRC. It consists of the following main elements: 1. Electric furnace, with a specially manufactured programmable control unit. 2. Hydraulic Piston. 3. Steel loading frame. This system allows testing structural elements with relatively large scale, thus reducing scale factor errors. Besides, loading the elements during fire gives closer results and simulation to actual stresses and deformations that results during fire. The elevated temperature due to fire is simulated by an electric furnace specially constructed with custom size (80*80*165 cm). The furnace reaches 1200o C following the temperature curve of the ASTM. This is performed by programming the control unit, which controls temperature with time inside the furnace, preset heat, and time at which the door should be closed or opened. The loads acting on the column are simulated by a 100 ton capacity hydraulic piston. A portal steel frame is designed to with hold the induced loads, with a clear height of 2 meter.

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



- (22) 24/08/2008
- (21) | 1425/2008
- (44) May 2015
- (45) 16/09/2015
- (11) 27204

(51)	Int. Cl. ⁸ G21F 9/04 & C02F 1/00
(71)	1. AHMAD MOHAMMAD EL BENDARY (EGYPT)
	2. 3.
(72)	1. AHMAD MOHAMMAD EL BENDARY
	2. 3.
(73)	1.
. ,	2.
(30)	1. 2.
	3.
(74)	
(12)	Patent

(54) ELECTROMAGNETICALLY TREATED WATER REPELLING THE HOUSE FLY

Patent Period Started From 24/08/2008 and Will end on 23/08/2028

(57) Tap water exposed to a succession of variable electromagnetic frequencies and intensities through its motion within a special device for definitive time with definitive frequencies and intensities. This exposure make the water repellant to the house fly.

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Egyptian Patent Office



PCT

(22) 17/05/2012

- (21) 0895/2012
- (44) March 2015
- (45) 20/09/2015
- (11) 27205

(51)	Int. Cl. ⁸ B65D 5/66, 85/10	
(71)	1. IMPERIAL TOBACCO LIMITED (UNITED KINGDOM) 2. 3.	
(72)	 HOLLOWAY. Steve COLLINS. Tim KNORR. Solvey SOUTHEY. Neil 	5. WOLFGRAMM. Regine6. GURKE. Inga7. DEVIVIER. Guillaume
(73)	1. 2.	
(30)	1. (EP) 09014501.2 - 20-11-2009 2. (PCT/EP2010/007008) - 18-11-2012 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) PACKAGE FOR TOBACCO-RELATED ARTICLES

Patent Period Started From 18/11/2012 and Will end on 17/11/2032

(57) A package for tobacco-related articles comprises a shell having a front wall, a rear wall, two lateral walls opposite to each other as well as a top side. A lid is adapted to close the top side of the shell when in a closed state. The lid is swivelably connected to the rear wall or one of the lateral walls of the shell at a hinge line and is swivelable about the hinge line for transfer from the closed state to an opened state. The lid comprises a top wall, which has a front edge, a rear edge, two lateral edges and a bottom side and is adapted to close the top side of the shell when the lid is in its closed state. A bevelled edge wall extends from at least the edge of the top wall of the lid opposite to the hinge line and fits into the shell when the lid is in its closed state.

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



- (22) 31/08/2009
- (21) | 1305/2009
- (44) May 2015
- (45) 20/09/2015
- (11) 27206

(51)	Int. Cl. ⁸ C13F 1/06	
(71)	1. EGYPTIAN SUGAR&INTEGRATED INDUSTRIES CO (EGPYT) 2. 3.	
(72)	1. HASSAN KAMEL HASAN NOMAAN 2. SALEM MOHAMAD ATEIA ABO EL NAGAA 3. ABD EL RAHMAN HEGAZEY AWAD	
(73)	1. 2.	
(30)	1. 2. 3.	
(74)	ABD EL RAHMAN HEGAZEY AWAD	
(12)	Patent	

(54) BATCH CENTRIFUGAL ESLLC-H2000

Patent Period Started From 31/08/2009 and Will end on 30/08/2029

The ESIIC H2000 centrifugal is a batch centrifugal where the cylindrical basket with internal diameter 1700 mm and internal height 1170mm carried on a vertical shaft which is driven from its upper end by a vertical electric motor (power 315 kw-speed 730 rpm) attatched with a speed converter. The basket is drilled with 912 holes diameter 6.5mm to allow the syrup to escape. The basket is open at the top to allow the massecuite to be fed into it, and a bottom opening allows the sugar to be discharged at low speed .The basket is lined with two layers of screens (backing screen &cover screen) to retain the sugar while allowing the syrup to pass through Operation of ESIIC H2000 centrifugal is full automatic characterized by a different basket Speeds at different stages of the process The centrifugal is charged with massecuite while running at speed 180 rpm during a period equal 10s with a max. Quantity equal 2000 kg .The centrifuging takes place at max speed 1000rpm water and steam are used for washing the sugar In the basket the syrub is separated from the massecuite under the action of centrifugal force.

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



- (22) 22/11/2011
- (21) | 1972/2011
- (44) May 2015
- (45) 20/09/2015
- (11) 27207

(51)	Int. Cl. 8 C01D 3/26 & C07C 51/367,51/487	
(71)	1. AKZO NOBEL CHEMICALS INTERNATIONAL B.V (NETHERLANDS) 2. 3.	
(72)	 BAKKENES, Hendrikus, Wilhelmus BERGEVOET, Roberto, Aloysius, Gerardus, Maria MEIJER, Johannes, Albertus, Maria 	4. STEENSMA, Maria
(73)	1. 2.	
(30)	1. (EP) 09161723.3 - 02-06-2009 2. (US) 61/183,269 - 02-06-2009 3. (PCT/EP2010/057287) - 27-05-2010	
(74)	NAHED WADE REZK	
(12)	Patent	

(54) PROCESS FOR THE PREPARATION OF A COMPOSITION COMPRISING MESO-TARTARIC ACID

Patent Period Started From 27/05/2010 and Will end on 26/05/2030

(57) The present invention relates to a process for the preparation of a composition comprising tartaric acid wherein between 55 and 90% by weight of the tartaric acid is meso-tartaric acid, comprising the steps of (i) preparing an aqueous mixture comprising between 35 and 65% by weight of a di-alkali metal salt of L-tartaric acid, a di-alkali metal salt of D-tartaric acid, a mixture of di-alkali metal salts of L-tartaric acid, D-tartaric acid, and optionally meso-tartaric acid, and between 2 and 15% by weight of an alkali metal or alkaline metal hydroxide, and (ii) stirring and heating the aqueous mixture to a temperature of between 100C and its boiling point until between 55 and 90% by weight of tartaric acid has been converted to meso-tartaric acid.

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



PCT

(22) 01/07/2013

(21) 1130/2013

(44) January 2015

(45) 20/09/2015

(51)	Int. Cl. ⁸ G06T 17/05
(71)	1. LANDMARK GRAPHICS CORPORATION (UNITED STATES OF AMERICA) 2. 3.
(72)	1. YARUS, Jeffrey M. 2. MAUCEC, Marko 3. CHAMBERS, Richard L.
(73)	1. 2.
(30)	1. (PCT/US2011/022659) – 27-01-2011 2. 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) METHODS AND SYSTEMS REGARDING MODELS OF UNDERGROUND FORMATIONS

Patent Period Started From 27/01/2011 and Will end on 26/01/2031

(57) Models of underground formations. At least some of the illustrative embodiments are methods including creating a model of an underground formation. The creating may include: calculating a set of probabilities associated with a first horizontal location, each probability indicative of a likelihood of finding abutting geological layers; estimating a plurality of successions of geological layers to create a plurality of estimated successions, and the estimating using the set of probabilities; determining, for each of the estimated succession, a value indicative of how closely each estimated succession matches a measured succession, the measured succession determined by a seismic survey; and selecting from the plurality of estimated successions based on the values, the selecting creates a selected succession of geological layers, and the plurality of modeled values associated with the first horizontal location determined based on the selected succession of geological layers.

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



PCT

(22) 14/11/2011

(21) | 1925/2011

(44) May 2015

(45) 20/09/2015

(51)	Int. Cl. ⁸ B32B 17/10
(71)	1. SAINT-GOBAIN GLASS FRANCE (FRANCE) 2. 3.
(72)	 REHFELD, Marc BOYADJIAN, Pierre .
(73)	1. 2.
(30)	1. (FR) 0953304 - 19-05-2009 2. (PCT/FR 2010/050944) - 17-05-2010 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) METHOD FOR SELECTING A SEPARATOR FOR VIBROACOUSTIC DAMPING, SEPARATOR FOR A VIBROACOUSTIC DAMPING, AND GLASS PANEL INCLUDING SUCH A SEPARATOR

Patent Period Started From 17/05/2010 and Will end on 16/05/2030

(57) The invention relates to a method for selecting a viscoelastic plastic separator, including two outer layers and a central layer, and which is adapted to be inserted between two glass sheets of a glass panel, wherein the method includes the following steps: providing first and second elements for respectively forming the central layer and the outer layers; measuring the shear modulus G' of the first and second elements; selecting the material of the second element only if G'? 3.107 Pa at 20? C and between 100 Hz and 240 Hz; setting the thickness h of the first element such that h? 0.3 mm and such that g=G'/h is between 8.108 Pa/m and 2.67.109 Pa/m at 20? C and between 100 Hz and 240 Hz. The invention can be used for optimizing the damping of the second and third frequencies particular to a vehicle windshield without making the windshield heavier.

Arab Republic of Egypt Ministry of State for Scientific Research

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

Egyptian Patent Office



- (22) 25/07/2011
- (21) | 1228/2011
- (44) May 2015
- (45) 20/09/2015
- (11) |27210
- (51) Int. Cl. 8 C04B 7/32, 7/345, 28/02, 28/06

 (71) 1. VICAT (FRANCE)
 2. 3.

 (72) 1. PASQUIER, Michel
 2. BARNES-DAVIN, Laury
 3. BEAUVENT, Guy

 (73) 1. 2.

 (30) 1. (FR) 09/50506 28-01-2009
 2. (FR) 09/57387 21-10-2009
 3. (PCT/FR 2010/050132) 28-01-2010

 (74) NAHED WADE REZK

(54)	SULFOALUMINOUS CLINKER AND METHOD FOR	
	PREPARING SAME	
	Patent Period Started From 28/01/2010 and Will end on 27/01/2030	

(57) The invention relates to a novel sulfoaluminous clinker, to a method for preparing said clinker, and to the use of said clinker for preparing a hydraulic binder and subsequently grout, concrete, or mortar.

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



PCT

(22) 04/11/2012

(21) | 1856/2012

(44) February 2015

(45) 21/09/2015

(51)	Int. Cl. ⁸ H02J 7/00
(71)	1. AANENSEN, OVE, T. (NORWAY) 2. VALAND, DAG, ARILD (NORWAY) 3.
(72)	 AANENSEN, Ove, T. VALAND, Dag, Arild 3.
(73)	1. 2.
(30)	1. (US) 12/774,190 - 05-05-2010 2. (PCT/EP2011/002250) - 05-05-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)BIPOLAR OVERVOLTAGE BATTERY PULSER AND METHOD

Patent Period Started From 05/05/2011 and Will end on 04/05/2031

(57) A bipolar overvoltage battery pulser and method are provided that apply a positive pulse voltage and a negative pulse voltage alternately across the terminals of a battery. The object of the bipolar overvoltage battery pulser and method is to increase the cycle lifetime and capacity of storage batteries, such as lead acid batteries. The rise times for the leading edges of the positive pulses and for the trailing edges of the negative pulses are short compared to the ionic relaxation time in the electrochemical solution. Alternating between the positive and negative pulses gives each new pulse an equal starting condition without realizing any memory effect that otherwise may result if the last applied pulse was of the same polarity, which reduces the extent of overvoltage that may be applied to the battery and decrease the highest useable pulse cycling frequencies that could be achieved without experiencing pulse overlapping. The shape, type and timing of the pulses may be adjusted to create overvoltage pulses having high duration and amplitude.

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



(22) 06/02/2011

(21) 0184/2011

(44) February 2015

(45) 21/09/2015

(51)	Int. Cl. 8 B01J 35/00, 37/03 & C04B 14/30, 40/00 & C01G 23/00, 23/047
(71)	1. ITALCEMENTI S.P.A (ITALY) 2.
	3.
(72)	 ANCORA, Renato BORSA, Massimo ILER MARCHI, Maurizio
(73)	1. 2.
(30)	1. (IT) MI2008A 001447 - 01-08-2008 2. (PCT/EP2009/005572) - 31-07-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PHOTOCATALYTIC COMPOSITES CONTAINING TITANIUM AND LIMESTONE FREE FROM TITANIUM DIOXIDE

Patent Period Started From 31/07/2009 and Will end on 31/07/2029

(57) New photo catalytic product comprising compounds of titanium integrated with limestone. The product is obtained by reacting limestone with a suitable precursor of titanium dioxide in a basic solution, recovering the product in particular conditions, drying it and calcining it. By operating in presence of sodium, a composite is obtained substantially free from titanium dioxide, containing limestone and calcium titanate. The composite thus obtained, used as such or in mixture with other components has shown an unexpectedly high photo catalytic activity.

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



PCT

(22) | 14/05/2013(21) | 0830/2013

(44) February 2015

(45) 21/09/2015

(51)	Int. Cl. 8 A21D 2/16, 2/18
(71)	1. MARS, INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	 CATTARUZZA, ANDREA RADFORD, Stewart MARANGONI, ALEJANDRO GREGORIO
(73)	1. 2.
(30)	1. (GB) 1019314.2 - 15-11-2010 2. (PCT/GB2011/001597) - 11-11-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DOUGH PRODUCTS COMPRISING ETHYLCELLULOSE AND EXHIBITING REDUCED OIL MIGRATION

Patent Period Started From 11/11/2011 and Will end on 10/11/2031

(57) A cooked dough product, such as a biscuit (cookie), comprising from about 10wt. % to about 45wt. % of an oil and/or fat component, and from about 0.25wt. % to about 20wt. % of ethylcellulose, based on the weight of said product. Also provided is a method of making a cooked dough product comprising the steps of: preparing a dough containing a flour, water, from about 10wt. % to about 45wt. % of an oil and/or fat component, and from about 0.25wt. % to about 20wt. % of ethylcellulose, based on the weight of the ingredients excluding added water; and cooking the dough at a temperature of at least about 140 C. The ethylcellulose is effective to reduce oil migration from the cooked dough products.

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



PCT

(22) 04/06/2008(21) 0929/2008

(44) February 2015

(45) 21/09/2015

(51)	Int. Cl. ⁸ A23L 1/20, 1/30 & A61K 35/74	
(71)	1. OTSUKA PHARMACEUTICAL CO., LTD (J 2. 3.	APAN)
(72)	 KIMURA, Hiroyuki YAMAUCHI, Takeshi UENO, Tomomi SUZUKI, Toshimi TADANO, Kentaro 	6. SATO, Ikutaro 7. UCHIYAMA, Shigeto 8. OONO, Masahiro 9. MIZUNO, Masatoshi
(73)	1. 2.	
(30)	1. (JP) 2005-352337 - 06-12-2005 2. (JP) 2006-277934 - 11-10-2006 3. (PCT/JP2006/324255) - 05-12-2006	
(74)	SAMAR AHMED EL LABBAD	

(54) EQUAL-CONTAINING FERMENTATION PRODUCT OF SOYBEAN EMBRYONIC AXIS, AND METHOD FOR

PRODUCTION THEREOF

Patent Period Started From 05/12/2006 and Will end on 04/12/2026

(57) Disclosed is a fermentation product of a soybean embryonic axis which contains equol and is useful as a material for a food, pharmaceutical, cosmetic or the like. The fermentation product can be produced by fermenting a soybean embryonic axis with a microorganism capable of assimilating at least one daidzein-type substance selected from the group consisting of a glycoside of daidzein, daidzein and dihydrodaidzein to produce equol.

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



PCT

(22) 19/09/2011

(21) 1564/2011

(44) May 2015

(45) 21/09/2015

(51)	Int. Cl. ⁸ B42D 15/00, 15/10
(71)	1. SECURITY PRINT SOLUTIONS LIMITED (UNITED KINGDOM) 2. 3.
(72)	 CROWTHER, James 3.
(73)	1. 2.
(30)	1. (GB) 0904766.3 - 20-03-2009 2. (PCT/GB2010/050475) - 22-03-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SECURITY HOLOGRAM AND SECURITY PRINTED MATERIAL

Patent Period Started From 22/03/2010 and Will end on 21/03/2030

(57) A security hologram is disclosed including holographic material with a holographic image formed thereon and a shape (letters, numismatics or a guilloche pattern) printed on the holographic material using at least one fluorescent ink. Also disclosed is a security printed material formed from a substrate (sheet material) with a security hologram of this type attached thereto.

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



PCT

(22) 13/12/2007

(21) PCT/NA2007/001410

(44) February 2015

(45) 21/09/2015

(51)	Int. Cl. 8 A61K 9/48, 8/11 & B01J 13/04 &	A23L 1/00	
(71)	1. V.MANE FILS (FRANCE) 2.		
	3.		
(72)	1. HARTMANN, Didier	4. MANE, Jean	
	2. HANNETEL, Jean-Michel		
	3. COURSIERES, Nathalie		
(73)	1.		
(-)	2.		
(30)	1. (PCT/EP05/008502) - 21-06-2005		
()	2. (PCT/EP05/009226) - 05-08-2005		
	3. (PCT/IB2006/002905) - 21-06-2006		
(74)	MOHAMED MOHAMED BAKIR		
(12)	Patent		

(54) GELLAN SEAMLESS BREAKABLE CAPSULE AND PROCESS FOR MANUFACTURING THEREOF

Patent Period Started From 21/06/2006 and Will end on 20/06/2026

(57) The invention relates to a process for manufacturing a seamless breakable capsule, comprising co-extruding an external and hydrophilic liquid phase, and an internal and lipophilic liquid phase, in order to form a capsule constitued of a core comprising the internal and lipophilic phase, and a shell comprising the external and hydrophilic phase, immersing into an aquoues solution containing a curing agent, wherein the external liquid phase includes a gelling agent comprising gellan gum alone or in combination with another gelling agent, a filler and a divalent metal sequestering agent, and to breakable capsules comprising gellan gum alone or in combination with another gelling agent comprising gellan gum alone or in combination with another gelling agent, a filler, and a divalent metal sequestering agent.

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



PCT

(22) | 12/12/2010 (21) | 2096/2010

(21) |2096/2010

(44) | March 2015

(45) 21/09/2015

(51)	Int. Cl. 8 C07C 1/20, 4/06 & B01J 37/28, 29/	40
(71)	1. TOTAL PETROCHEMICALS RESEAR 2. 3.	CH FELUY (BELGIUM)
(72)	1. NESTERENKO, NIKOLAI	4. VERMEIREN, WALTER
(-)	2. VAN DONK, SANDER	5. GARCIA, WOLFGANG
	3. GRASSO, GIACOMO	
(73)	1.	
	2.	
(30)	1. (EP) 08158924.4 - 25-06-2008	
(,	2. (EP) 09154232.4 - 03-03-2009	
	3. (EP) 09154236.5 - 03-03-2009	
	4. (PCT/EP2009/057890) - 24-06-2009	
(74)	(74) COMPANY SMAS INTELLECTUAL PROPERTY –REPRESENTED BY HALA WAF	
(, -)	AHMED	

(12) Patent

PROCESS TO MAKE OLEFINS FROM ORGANICS

Patent Period Started From 24/06/2009 and Will end on 23/06/2029

The present invention relates to a process to make light olefins, in a combined XTO-OC process, from an oxygen-containing, halogenide-containing or sulphur-containing organic feedstock comprising: a) providing a first portion and a second portion of said oxygen-containing, halogenide-containing or sulphur-containing organic feedstock, b) providing a catalyst comprising zeolitic molecular sieves containing at least 10 membered ring pore openings or larger in their microporous structure, c) providing an XTO reaction zone, an OC reaction zone and a catalyst regeneration zone, said catalyst circulating in the three zones, such that at least a portion of the regenerated catalyst is passed to the OC reaction zone, optionally at least a portion of the catalyst in the OC reaction zone is passed to the XTO reaction zone and at least a portion of the catalyst in the XTO reaction zone is passed to the regeneration zone; d) contacting the first portion of said oxygen-containing, halogenide- containing or sulphur-containing organic feedstock in the XTO reactor with the catalyst at conditions effective to convert at least a portion of the feedstock to form a XTO reactor effluent comprising light olefins and a heavy hydrocarbon fraction; e) separating said light olefins from said heavy hydrocarbon fraction; f) contacting said heavy hydrocarbon fraction and the second portion of said oxygen-containing, halogenide-containing or sulphur-containing organic feedstock in the OC reactor with the catalyst at conditions effective to convert at least a portion of said heavy hydrocarbon fraction and oxygen-containing, halogenide-containing or sulphur-containing organic feedstock to light olefins.

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



PCT

(22) 20/06/2010

(21) 1049/2010

(44) | February 2015

(45) 22/09/2015

(51)	Int. Cl. 8 B01J 8/26, 8/36	
(71)	1. CHEVRON PHILLIPS CHEMICAL C 2. 3.	COMPANY LP (UNITED STATES OF AMERICA)
(72)	 NEWSOME, Charles K. BENHAM, Elizabeth A. CYMBALUK, Ted H. MCDANIEL, Max P. 	5. NEASE, Charles, K6. STAFFIN, H. Kenneth7. PARR, Thomas, R.
(73)	1. 2.	
(30)	1. (US) 12/004,217 - 20-12-2007 2. (PCT/US20080/013529) - 09-12-2008 3.	
(74)	COMPANY SMAS INTELLECTUAL PRO AHMED	OPERTY -REPRESENTED BY HALA WAHED

(54) CONTINUOUS CATALYST ACTIVATOR

Patent Period Started From 09/12/2008 and Will end on 08/12/2028

(57) Methods and systems for preparing catalyst, such as chromium catalysts, are provided. The valence of at least a portion of the catalyst sent to an activator is changed from Cr (III) to Cr (VI). The catalyst is prepared or activated continuously using a fluidization bed catalyst activator.

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



PCT

- (22) 07/03/2010
- (21) |0360D1/2010
- (44) February 2015
- (45) 22/09/2015
- (11) 27219

(51)	Int. Cl. 8 B01J 21/06, 23/26, 37/02, 37/08, 35/10 & C08F 4/18, 4/24, 10/00
(71)	1. CHEVRON PHILLIPS CHEMICAL COMPANY LP (UNITED STATES OF AMERICA) 2. 3.
(72)	 COLLINS, Kathy S. MCDANIEL, Max P. 3.
(73)	1. 2.
(30)	1. (US) 862.014/11 - 26-09-2007 2. (PCT/US2008/011068) - 24-09-2008 3.
(74)	COMPANY SMAS INTELLECTUAL PROPERTY

(12)	Patent
(54)	AN OLEFIN POLYMERIZATION PROCESS WITH CATALYST COMPOSITIONS DERIVED FROM CHROMIUM AND TRIVALENT TITANIUM TREATED SUPPORTS
	Patent Period Started From 24/09/2008 and Will end on 23/09/2028
(57)	An olefin polymerization process with catalyst compositions Comprisin A support, chromium, AND titanium wherein the titanium is derived from Ti ₃ Cl ₃ , Ti ₂ (SO ₄) ₃ , Ti (OA _C) ₃ , Ti (+3) oxylate, Ti (NO ₃) ₃ , Ti (+3) lactat or combinations thereof.

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



PCT

(21) 1691/2011

(44) February 2015

(45) 28/09/2015

(51)	Int. Cl. 8 C22B3/04, 3/10, 11/06, 11/00, 43/00 & C07C211/00 & C07D213/16, 213/61 & C01G13/04
(71)	1. PETROLIAM NASIONAL BERHAD(PETRONAS)(MALAYSIA) 2. 3.
(72)	 ROGERS, Robin, Don HOLBREY, John
(73)	1. 2.
(30)	1. (GB) 0905894.2 - 06-04-2009 2. (PCT/GB2010/050551) - 30-03-2010 3.
(74)	SAMAR AHMED EL LABBAD

(54) IONIC LIQUID SOLVENTS OF PERHALIDE TYPE FOR METALS
AND METAL COMPOUNDS

Patent Period Started From 30/03/2010 and Will end on 29/03/2030

(57) The present invention relates to a process for dissolving metals in perhalide containing ionic liquids, and to the extraction of metals from mineral ores; the remediation of materials contaminated with heavy, toxic or radioactive metals; and to the removal of heavy and toxic metals from hydrocarbon streams.

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



PCT

(22) 28/10/2010

(21) | 1821/2010

(44) April 2015

(45) 28/09/2015

(51)	Int. Cl. ⁸ A01N 25/00
(71)	 VALENT U.S.A., CORPORATION (UNITED STATES OF AMERICA) 3.
(72)	 TAYLOR, Evelyn, Jean LOPEZ, Humberto, Benito 3.
(73)	1. SUMITOMA CHEMICAL COMPANY, LIMITED- JAPAN

(30)	1. (US) 61/048.974 - 30-04-2008 2. (PCT/US2009/002615) - 29-04-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PYRIPROXYFEN COMPOSITIONS PESTICIDAL Patent Period Started From 29/04/2009 and Will end on 28/04/2029

(57) New pesticidal compositions comprising pyriproxyfen and methyl esters of C₁₆ - Ci₁₈ fatty acids and having low volatile organic compound (VOC) content are provided. Methods of use and ready-to-use products are also provided.

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



PCT

(22) 02/12/2012

(21) 2035/2010

(44) April 2015

(45) 28/09/2015

(51)	Int. Cl. ⁸ B29D 23/00
(71)	1. CTL-TH PACKAGING, S.L. UNIPERSONAL (SPAIN) 2. 3.
(72)	1. FERNANDEZ DE MENDIOLA QUINTANA, Javier
()	2. VALPUESTA LANDA, Juan Ignacio
	3.
(73)	1.
(-)	2.

- (30) 1. (PCT/ES2008/000401) 04-06-2008 2. 3. (74) SAMAR AHMED EL LABBAD (12) Patent
 - (54) METHOD FOR MANUFACTURING A TUBE USING FLEXIBLE MATERIALS

Patent Period Started From 04/06/2008 and Will end on 03/06/2028

(57) Method for manufacturing a tube of flexible material comprising a skirt and a head-piece, which involves the steps of providing or manufacturing in an injection method an assembly consisting of skirt and attachment, where the attachment is arranged at one end of the skirt and closes totally or partly said end and where the injection point or points is/are situated in said attachment, cutting totally or partially the attachment and removing the cut part and overmoulding the head-piece onto any zone of the part of the assembly consisting of skirt and attachment which remains once the cut part has been removed. The attachment offers certain advantages, such as an improvement in the finish of the overmoulded head-piece or, when the assembly is manufactured, easier extraction of said assembly from the mould.

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

Egyptian Patent Office



PCT

(22) |19/07/2006

(21) **PCT/NA2006/000678**

(44) April 2015

(45) 28/09/2015

(11) 27223

(51) Int. Cl. ⁸ F04B 9/107, 47/08

(71) 1. SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. (NETHERLANDS)
2. ENI SPA (ITALY)
3.

(72) 1. BEST BRUNO
2. VAV RIST,EGBERT,JAN
3.

(73) 1.

- (30) 1. (EP) 04100240.3 23-01-2004 2. (PCT/EP2005/050266) - 21-01-2005 3. (74) SAMAR AHMED EL LABBAD (12) Patent
 - (54) HYDRAULIC MOTOR ARRANGEMENT AND METHOD OF OPERATING A HYDRAULIC MOTOR

Patent Period Started From 21/01/2005 and Will end on 20/01/2025

(57) Hydraulic motor arrangement comprising A hydraulic motor, and supply means for means for supplying a drive liquid to the hydraulic motor to drive the hydraulic motor. The supply means comprises a first and a second expel reservoir. The first expel reservoir holds the drive liquid in a second compartment. A first comprising is arranged in the expel reservoir to receive a pressurized working fluid different from the drive liquid from a high- pressure zone (HP), and upon receipt thereof to displace and expel the drive liquid from the first expel reservoir into an expel system which includes the hydraulic motor. The second expel reservoir is arranged downstream the hydraulic motor to receive the expeiled drive liquid and, upon receipt thereof, to displace and expel an exhaust fluid different from the drive liquid into a low-pressure zone

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



PCT

(22) 17/08/2012

(21) | 1382/2012

(44) March 2015

(45) 28/09/2015

(11) 27224

(51) Int. Cl. 8 C07C 273/04

(71) 1. STAMICARBON B.V. (NETHERLANDS)
2. 3.

(72) 1. ELIASSON, Johanna
2. ERIKSSON, Ylva
3. HOLMSTROM, David

4. HULTEBERG, P. Christian
5. KARLSSON, Hans, T.
6. NILSSON, Fillip

7. OJALA, Frida
8. VAN DEN TILLAART,
9. Johan, Albert, Arno

(73)	1. 2.
(30)	1. (PCT/NL2010/050069) – 12-02-2010
	2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) REMOVAL OF AMMONIA IN UREA FINISHING Patent Period Started From 12/02/2010 and Will end on 11/02/2030

(57) Disclosed is a method for the removal of ammonia from the off-gas of a finishing section of a urea production plant. The method comprises contacting the off-gas with a solid adsorbent capable of physically adsorbing ammonia, particularly activated carbon or zeolite. Thereupon the solid adsorbent having ammonia adsorbed thereon is separated from the gas and regenerated by dissolving ammonia in an extraction liquid, preferably water. After separating the water from the solid adsorbent, the latter is re-used in the process.

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



PCT

(22) 11/12/2011 (21) 2069/2011

(44) April 2015

(45) 29/09/2015

(11) 27225

(51) Int. Cl. 8 C08F10/14, C10M107/10, C10G50/02

(71) 1. CHEVRON PHILLIPS CHEMICAL COMPANY LP (UNITED STATES OF AMERICA)

3.

(72)	1. SMALL, Brooke, L 2. HOPE, Kenneth, D 3. MASINO, Albert, P 4. MCDANIEL, Max, P 5. BUCK, Richard, M 6. BEAULIEU, William, B 7. YANG, Qing 8. BARALT, Eduardo, J 9. NETEMEYER, Eric, J 10. KREISCHER, Bruce
(73)	1. 2.
(30)	1. (US) 61/187.334- 16-06-2009 2. (PCT/US2010/038681) – 15-06-2010 3.
(74)	SMAS
(12)	Patent

(54) OLIGOMERIZATION OF ALPHA OLEFINS USING
METALLOCENE-SSA CATALYST SYSTEMS AND USE OF THE
RESULTANT POLYALPHAOLEFINS TO PREPARE LUBRICANT
BLENDS

Patent Period Started From 15/06/2010 and Will end on 14/06/2030

(57) This disclosure provides for alpha olefin oligomers and polyalphaolefins (or PAOs) and methods of making the alpha olefin oligomers and PAOs. This disclosure encompasses metallocene - based alpha olefin oligomerization catalyst systems, including those that include at least one metallocene and an activator comprising a solid oxide chemically-treated with an electron withdrawing anion. The alpha olefin oligomers and PAOs prepared with these catalyst systems can have a high viscosity index combined with a low pour point, making them particularly useful in lubricant compositions and as viscosity modifiers.

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



PCT

(22) 25/01/2009

(21) 0114/2009

(44) May 2015

(45) 20/09/2015

(11) 27226

(51) Int. Cl. 8 F24F 11/00, 13/00, 3/00

(71)	 RESEARCH INSTITUTE OF ENVIRONMENTAL STUDIES (EGYPT) RESEARCH INSTITUTE OF ENVIRONMENTAL STUDIES (EGYPT) AGRICU LTURAL ENGINEERING RESEARCH INSTITULE (EGYPT)
(72)	 MAGDY MOHAMED ABD- EL HAMED ABD-EL GHANY MOHAMED EL-GANDY MAGDY AHMED BAIOMY WESAM SHAWKY ABD-EL MOHSEN
(73)	1. 2.
(30)	1. 2. 3.
(74)	MAGDY AHMED BAIOMY
(12)	Patent

(54) DESIGNE A SIMPLIFIED INSTRUMENTATION TO MEASURE AIR POLLUTION PRODUCED FROM FARM MACHINERY

Patent Period Started From 25/01/2009 and Will end on 24/01/2029

- (57) The instrument can measure air pollution due to farm machinery at different heights and different distance. It can get the value of air pollution as the weight by strain gage unite. The instrument consist of:
 - 1- The main frame (filter box- a telescoping stand- a base).
 - 2- Filtration unit (filter- suction fan)
 - 3- Strain gage unite. 5- Measurement unit.

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



PCT

(22) | 01/04/2012 (21) | 0594/2012

(44) February 2015

(45) 30/09/2015

(11) 27227

(51) Int. Cl. 8 G01V 1/28

(71)	1. BP CORPORATION NORTH AMERICA INC (UNITED STATES OF AMERICA)
, ,	2.
	3.
(72)	1. ALBERTIN, Uwe
	2. ASKIM, Ole, Joran
	3. GHERASIM, Mariana
(73)	1.
()	2.
(30)	1. (US) 61/248222 - 02-10-2009
(0,0)	2. (PCT/US2010/051321) – 04-10-2010
	3.
(74)	ABD EL HADY INTELLECTUAL PROPERTY OFFICE
(12)	Patent

MIGRATION-BASED ILLUMINATION DETERMINATION FOR **AVA RISK ASSESSMENT**

Patent Period Started From 04/10/2010 and Will end on 03/10/2030

According to a preferred aspect of the instant invention, there is provided herein a system and method for extending zero-offset or stacked waveequation illumination analysis into the angle-gather domain, where it becomes an appropriate tool for assessing the effects of complex overburden on AVA response. A preferred method for doing this involves first creating an angle gather that has a perfect AVA response (i.e. constant amplitude as a function of angle). This gather is then preferably used as a reflectivity map that is fed into a demigration process which creates modeled data that by construction carries with it a completely flat reflectivity signature. Remigration of such a data set then results in a gather on which any amplitude variation is more likely to be a measure of illumination effects alone. The resulting AVA signature on the gather can then be used to assess the validity of the AVA response on modeled or actual data, resulting in a useful AVA risk analysis.

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



PCT

(22) 29/01/2012

(21) 0157/2012

(44) | February 2015

(45) 30/09/2015

(11) 27228

Int. Cl. 8 C07C 315/06, 319/26, 317/04, 321/14

(71)	1. ARKEMA FRANCE (FRANCE)
	2. 3.
(72)	1. SCHMITT, Paul-Guillaume
(, =)	2.
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(73)	1.
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(30)	1. (FR) 0955398 - 31-07-2009
	2. (US) 61/234,680 - 18-08-2009
	3. (PCT/FR2010/051607) – 29-07-2010
(74)	ABD EL HADY INTELLECTUAL PROPERTY OFFICE
(12)	Patent

(54) ORGANIC-SULPHIDE COMPOSITION WITH MASKED ODOUR Patent Period Started From 29/07/2010 and Will end on 28/07/2030

(57) The present invention relates to the masking of the odour of organic sulphides and more particularly that of alkyl sulphides or of dialkyl sulphides, especially dimethyl sulphide, and also of oxides thereof, and especially of dimethyl sulphoxide, by addition to said organic sulphides of at least one odour-masking agent comprising at least one monoester, at least one diester or triester, at least one alcohol, at least one ketone and, optionally, at least one terpene.

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



PCT

(22) 04/02/2007

(21) PCT/NA2007/0114

(44) | February 2015

(45) 30/09/2015

(51)	Int. Cl. ⁸ F25J 1/02
(71)	1. BP CORPORATION NORTH AMERICA INC. (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. OWEN, Ryan
(-)	2. JONES, Richard, Jr.
	3. SAWCHUK, Jeffrey, H.
(73)	1.
(73)	2.
(30)	1. (US) 60/599,753 – 0808-2004
(50)	2. (PCT/US 2005/027982) – 04-08-2005
	3.
(74)	ABD ELHADY INTELLECTUAL PROPETTY OFFICE
(74)	ADD ELHADI ENTELLECTUAL I ROTETTI OFFICE
(12)	Patent

(54) A PROCESS FOR LIQUEFYING A PRESSURIZED NATURAL GAS STREAM

Patent Period Started From 04/08/2005 and Will end on 03/08/2025

(57) The present invention relates to process of liquefying a pressurized natural gas stream comprising providing pressurized natural gas stream at a first pressure and first temperature cooling the pressurized natural gas stream by indirect heat exchange with cooler stream to produce cooled pressurized natural gas stream of second temperature which is colder than the said temperature, expand the cooled pressurized natural gas stream within expansion device, where using the expansion work of the expansion device to produce a cooled pressurized natural gas stream for use. The output expansion in cooled feed stream directed to a liquefying natural gas region, the temperature of cooled feed not excess 60 F (10.15-₀C) Cooling the pre-cooled pressurized stream to produce a pressurized cooled condensate in part stream, expanding that at least pressurized cooled condensate in part stream to produce coolant cool and liquefying cooled feed stream in the natural gas liquefaction region.

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



PCT

(22) 20/06/2011

(21) 1030/2011

(44) February 2015

(45) 30/09/2015

(51)	Int. Cl. ⁸ B60C 11/04			
(71)	1. PIRELLI TYRE S.P.A (ITALY) 2. 3.			
(72)	 MINOLI, Claudio MONTANARO, Fabio MARTIN, Mario 	4. RESMINI, Emiliano		
(73)	1. 2.			
(30)	1. (PCT/EP2008/011060) – 23-12-2008 2. 3.			
(74)	ABD EL HADY INTELLECTUAL PROPERTY OFFICE			
(12)	Patent	Patent		

(54) TIRE FOR VEHICLE WHEELS PROVIDED WITH TREAD BAND PROTECTED AGAINST GROOVE ANOMALIES

Patent Period Started From 23/12/2008 and Will end on 22/12/2028

(57) A tire for vehicle wheels comprises a tread band including a first elastomeric material with a first tear strength and comprising a plurality of circumferential grooves formed in said tread, each of said circumferential grooves being defined by a couple of lateral walls separated by a bottom, at least one of said grooves including a protective layer of a second elastomeric material with a second tear strength superimposed on at least said groove bottom, wherein the ratio between the values of said second tear strength and said first tear strength is at least 1.5.

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



PCT

(22) 26/04/2012

(21) 0777/2012

(44) February 2015

(45) 30/09/2015

(51	1)	Int. Cl. ⁸ H01L 31/058				
(71	1)	1. GENERAL ELECTRIC COMPANY (UNITED STATES OF AMERICA) 2. 3.				
(72	2)	 CHATTERJEE, Aveek BHAKTA, Aditya GHOSH, Sampa GOVINDASAMY, Rakesh KRISHNAN, Devanathan 				
(73	3)	1. 2.				
(30	0)	1. (US) 13097714 - 29-04-2011 2. 3.				
(74	1)	ABD EL HADY INTELLECTUAL PROPERTY OFFICE				
(12	2)	Patent				

(54) HYBRID SOLAR CONCENTRATION DEVICE Patent Period Started From 26/04/2012 and Will end on 25/04/2032

- (57) In one embodiment, the present invention provides a hybrid solar concentration device comprising:
 - (a) a solar collector configured to direct solar radiation to a photovoltaic cell and a heat exchanger;
 - (b) a heat exchanger configured to heat a working fluid with a first energy component of the solar radiation; and
 - (c) a photovoltaic cell configured to generate electricity from a second energy component of the solar radiation. Also provided are systems for generating electric power comprising one or more of the novel hybrid solar concentration devices and methods for generating electric power using such systems.

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



PCT

(22) 31/01/2012

(21) 0178/2012

(44) February 2015

(45) 30/09/2015

(51)	Int. Cl. ⁸ E21B 17/00				
(71)	1. PRAD RESEARCH AND DEVELOPMENT LIMITED (BRITISH VIRGIN ISLANDS) 2. 3.				
(72)	(2) 1. STRUTHERS, John David 4. ELSAYED SR., Salem				
	2. MICHAUD, George James				
	3. CYR, Lawrence Gerald				
(73)	73) 1.				
	2.	2.			
(30)	30) 1. (US) 61/230,197 - 31-07-2009				
	2. (US) 12/842,095 - 23-07-2010				
	3. (PCT/US2010/043188) – 26-07-2010				
(74)	ABD EL HADY INTELLECTUAL PROPERTY OFFICE				
(12)	2) Patent	Patent			

(54) A CABLE BYPASS AND METHOD FOR CONTROLLED ENTRY OF A TUBING STRING AND A CABLE ADJACENT THERETO

Patent Period Started From 26/07/2010 and Will end on 25/07/2030

(57) A system and methodology for controlled entry of a tubing string, and cable adjacent thereto, into a wellbore. A stationary housing is fit to a wellhead and has a bore in communication with the wellbore. The cable can be laterally displaced from the bore into a cable access formed into the housing's side wall for fitting a sealing assembly to the bore and engages a sealing surface therein. The sealing assembly seals tubulars passing there through. The cable access interrupts the sealing surface. A cable bypass sub is fit to the cable access and permits the cable to extend sealingly from above the sealing surface to the wellbore wherein the cable bypasses the sealing assembly and sealing surface. A seal reconstitutes the interrupted portion of the sealing surface at the cable access.

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



GRANTED PATENTS' ABSTRACTS GAZETTE "PATENT ISSUED OCTOBER IN 2015"

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(PATENT No. 27282)	(51)
(PATENT No. 27283)	(52)
(PATENT No. 27284)	(53)

Preface

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

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

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

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

Bibliographic data

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Application Number	21
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Priority Number	
Priority Date	30
Priority Country	
Issuance Date	45
International Patent Classification	51
Title	54
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Inventor Name	72
Patentee Name	73
Patent Attorney Name	74

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KZ	Kozakhstan	
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NZ	New Zealand
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SO	Somalia
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SV	El Salvador
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TJ	Tajikistan
TH	Thailand
TM	Turkmenistan
TN	Tunisia
TR	Turkey
TT	Trindad and Topago
TW	Taiwan
TZ	United Republic of Tanzania
UA	Ukraine
UG	Uganda
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

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

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



- (22) | 07/04/2010
- (21) 0557/2010
- (44) May 2015
- (45) 04/10/2015
- (11) 27233

(51)	Int. Cl. 8 A61K 33/06, 33/42 & A61P 39/00
(71)	 EMAN ISMAIL ABDEL GAWAD (EGYPT) SAMEH ABDEL HAMID ISMAIL AWWAD 3.
(72)	 EMAN ISMAIL ABDEL GAWAD SAMEH ABDEL HAMID ISMAIL AWWAD .
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) REPAIR OF FRAGMENTED DNA WITHIN 48H INVIVO BY INTRAVENOUS INJECTION OF SINGLE DOSE ONLY OF NANO-HYDROXYAPATITE AFTER EXPOSURE TO TOXIC SUBSTANCE

Patent Period Started From 07/04/2010 and Will end on 06/04/2030

(57) Synthesis of nano-hydroxyapatite in fine spherical particle by an organic-inorganic complexion route. Such material was injected intravenously into rats after the exposure of these rats to LD50 of toxic heavy metal. The prepared nano-hydroxyapatite success in repair the fragmented DNA within 48 hours after injection with single dose only without any side effects. Also, heart, liver and thyroid function enzymes were evaluated and the results confirmed the bio-safe usage of this made material. Therefore, the prepared nano-hydroxyapatite can be use safely as a thereby by intravenous injection with suitable doses for different diseases such as cancer, poising and osteoporosis

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



PCT

(22) 21/06/2012

(21) 1164/2012

(44) April 2015

(45) 07/10/2015

(11) 27234

(51)	Int. Cl. ⁸ G01K 1/08, 1/14, 13/02
(71)	1. NUOVO PIGNONE S.P.A (ITALY) 2. 3.
(72)	 EGAN, William, C SCHULITZ, Robert
(73)	1. 2.
(30)	1. (US) 12/643,533 – 21/12/2009 2. (PCT/US2010/055060) – 01/11/2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) FATIGUE RESISTANT THERMOWELL AND METHODS Patent Period Started From 01/11/2010 and Will end on 31/10/2030

(57) Methods and thermowell systems that can be uses in high dynamic pressure environments. A thermocouple system includes a thermowell configured to enter a structure through which a medium flows; an elongated probe provided partially inside the thermowell and configured to measure a temperature; at least one o-ring disposed around the elongated probe at a first end, the o-ring being configured to dampen a vibration for the elongated probe by contacting the thermowell; and an elastomer disposed around the elongated probe section at a second end, the elastomer being configured to dampen the vibration for the elongated probe by contacting the thermowell.

Arab Republic of Egypt

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





PCT

(22) 17/04/2013

(21) 0653/2013

(44) May 2015

(45) 04/10/2015

(11) 27235

(51)	Int. Cl. ⁸ B62J 9/00
(71)	1. GIVI S.R.L. UNIPERSONALE (ITALY)
, ,	2.
	3.
(72)	1. VISENZI, Giuseppe
	2.
	3.
(73)	1.
(-)	2.
(30)	1. (IT) (MI2010A 001913) – 19-10-2010
()	2. (PCT/IB2011/054629) – 18-10-2011
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

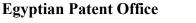
(54) INTEGRATED SYSTEM FOR THE OPENING AND CLOSING OF A SUITCASE FOR MOTORCYCLES AND FOR HOOKING AND RELEASING SUCH A SUITCASE WITH RESPECT TO THE MOTORCYCLE

Patent Period Started From 18/10/2011 and Will end on 17/10/2031

An opening/closing and hooking/releasing system of a suitcase for motorcycles is described, provided with a lower shell, that forms the body of the suitcase, and an upper shell, that forms the cover and is hinged at the rear to the lower shell. On the bottom portion of the lower shell reversible hooking means to a support plate fixed to the motorcycle are provided. On the external surface of the lower shell a plaque is made integral, on which are obtained a first release button of the suitcase with respect to the support plate, operatively connected to the aforementioned reversible hooking means, a second opening button of the upper shell, operatively connected to hooking means hinged to the plaque and able to selectively engage with a corresponding hooking means integral with the upper shell, and a locking block. The first, and the second buttons are mobile with a rectilinear motion along a direction substantially perpendicular to the extension direction of one of the side walls of the lower shell. A rotatable under-locking ring is rigidly constrained to the locking block, said ring being provided with a pair of counter-posed protruding teeth and able to rotate in support on the side wall to shift from a first simultaneous blocking position of the rectilinear motion of the first and second buttons to a second simultaneous release position of the rectilinear motion of such first and second button.

Arab Republic of Egypt

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





PCT

(22) 04/02/2007

(21) PCT/NA2007/000124

(44) May 2015

(45) 04/10/2015

(11) 27236

(51)	Int. Cl. 8 A01N 25/32, 37/22, 39/04, 43/08, 43/54, 43/713, 43/86, 43/90, 47/12, 47/36		
(71)	1. KUMIAI CHEMICAL INDUSTRY CO., LTD. (JAPAN) 2. 3.		
(72)	1. IKEUCHI, Toshihiro 5. HANAI, Ryo		
,	2. OHKAWA, Tetsuo	6. OGAWA, Yasunori	
	3. OHNO, Shuji	7. FUJINAMI, Makoto	
	4. KAWASAKI, Hiroshi		
(73)	1.		
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(30)	1. (JP) 2004-234798 - 11-08-2004		
()	2. (PCT/JP2005/014380) - 05-08-2005		
	3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

(54) AGRICULTURAL CHEMICAL COMPOSITION Patent Period Started From 05/08/2005 and Will end on 04/08/2025

- (57) An agricultural chemical composition which enables a wide range of herbicidal compounds including ones showing phytotoxicity to crop plants, etc. Upon mere application to exhibit a sufficient herbicidal effect and to show reduced or no phytotoxicity to the crop plants. The agricultural chemical composition comprises
 - (a) a herbicidal compound selected from the group consisting of sulfonylurea compounds, sulfonamide compounds, chloroacetoanilide compounds, thiocarbamate compounds, pyrimidinyloxy (thio) benzoic acid compounds, tetrazolinone compounds, pyrazole compounds, cyclohexanedione compounds, phenoxycarboxylic acid compounds, oxazinone compounds, and difluoromethanesulfonylanilide compounds or salts thereof and
 - (b) a compound selected among benzoic acid compounds.

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



PCT

(22) 25/10/2010

(21) 1796/2010

(44) Mares 2015

(45) 07/10/2015

(11) 27237

(51)	Int. Cl. ⁸ B01J 2/16	
(71)	1. YARA INTERNATIONAL ASA (NORWAY) 2. 3.	
(72)	 LEDOUX, Francois VANMARCKE, Luc VOLKE, Howard 	4. DE BAKKER, Peter5. DE FOUW, Remco7. ELDERSON, Roeland
(73)	1. 2.	,
(30)	1. (NO) 20082007 - 28-04-2008 2. (PCT/NO2009/000164) 28-04-2009 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) METHOD AND DEVICE FOR PROCESSING OF GRANULES Patent Period Started From 28/04/2009 and Will end on 27/04/2029

This invention relates to a method and device for processing of granules of solidified salts, by forming at least one injection zone in a fluidised bed where a feed stream of seed particles is contacted/coated by the liquid product by simultaneous injection of a feed stream of the seed particles and a feed stream of the liquid product to be sprayed, forming at least one granulation zone in the fluidised bed where contacted/coated seed particles may be dried and/or shaped and/or cooled to form granules, extracting granules from the at least one granulation zone(s) and sorting the extracted granules into three fractions; undersize granules with too small diameters compared to the desired size range, on-size granules with diameters within the desired size range, and oversize granules with too large diameters compared to the desired size range, passing the fraction of on-size granules to post-processing treatment for forming the product granules, removing the oversize, typically by reducing the size of at least a fraction of the oversize granules and admixing them with the fraction of undersize granules, and passing the fraction of undersize granules into the feed stream of seed particles, wherein the granules are made to pass through at least one classifier placed in the at least one granulation zone(s) of the fluidised bed, which segregates the granules according to their size and which passes at least a part of the segregated undersize granules back into the injection zone(s) for further enlargement. The invention also relates to a granulator for performing the inventive method.

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



PCT

(22) 15/07/2012

(21) 1250/2012

(44) April 2015

(45) 07/10/2015

(11) 27238

(51)	Int. Cl. 8 A61F 13/496, 13/15
(71)	1. UNI-CHARM CORPORATION (JAPAN) 2. 3.
(72)	1. OTSUBO, Toshifumi 2. HASHIMOTO, Tatsuya 3. YAMASHITA, Mariko
(73)	1. 2.
(30)	1. (JP) 2010-009520 - 19-01-2010 2. (PCT/JP2011/050664) - 17-01-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DISPOSABLE WEARING ARTICLE Patent Period Started From 17/01/2011 and Will end on 16/01/2031

(57) A disposable wearing article wherein a position confirmation mark formed on a crotch member is superposed on front and rear waist members. Front and rear waist members are superposed on and joined to front and rear edges of a crotch member to form first and second stack regions, and an intermediate region is formed between the first and second stack regions. A position confirmation mark is formed in the first stack region. A crotch display element which is a drawing of a fish is provided on the second stack region, and a crotch display element which is a drawing of a fish is provided on the intermediate region. A front waist sheet and a front display film of the front waist member are stacked on the first stack region, and a drawing of a penguin is provided as a front display element on the front display film. The front display element is disposed so as to be superposed on the position confirmation mark.

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

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EGYPT

(22) 20/11/2012

(21) 1928/2012

(44) June 2015

(45) |07/10/2015

(11) 27239

(51)	Int. Cl. ⁸ C04B 35/057, 35/10, 35/14
(71)	 NATIONAL RESEARCH CENTER (EGYPT) 3.
(72)	 SALMA MOHAMED HUSSEIN ESSAWY NAGA HESHAM FOLY MOHAMED ABD EL-REHEEM EL-MAGHRABY ADEL AHMED ABD-ELLAH AHMED ALY
(73)	1. 2.
(30)	1. 2. 3.
(74)	NATIONAL RESEARCH CENTER, FOCAL POINT WITH EGYPTIAN PATENT OFFICE REPRESENTED: MAGDA MOHASSEB EL-SAYED & OTHERS
(12)	Patent

(54) PREPARATION OF ANORTHITE CERAMIC BODIES FROM THE BY-PRODUCTS OF BEET-SUGAR MANUFACTURE

Patent Period Started From 20/11/2012 and Will end on 19/11/2032

(57) The aim of the present invention is to study the suitability of filter cake, obtained as a by-product of the beet? Sugar manufacture, as a novel starting material to prepare anorthite phase. To synthesize anorthite phase, El-Tieh kaolin (Al2O₃. SiO₂. 2 H₂O) from Sinai Egypt, was used as a source of alumina and SiO₂, while filter cake was used as a source of CaO. A predominant anorthite phase was found to be present on sintering the anorthite batches at over 1200⁰ C for 1h. The prepared bodies possess a bending strength of 25.23 MPa and relative density of 64.5%.

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



PCT

(22) 10/11/2011

(21) 1864/2011

(44) Mares 2015

(45) 08/10/2015

(11) 27240

(51)	Int. Cl. 8 F28D 3/02, 3/04
(71)	1. SAIPEM S.P.A (ITALY) 2. 3.
(72)	 GIANAZZA, Alessandro CARLESSI, Lino 3.
(73)	1. 2.
(30)	1. (IT) M122009A000768 – 06-05-2009 2. (PCT/IB2010/000961) – 27-04-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) TUBE BUNDLE EQUIPMENT WITH LITH LIQULD FLOW REGULATOR ELEMENTS

Patent Period Started From 27/04/2010 and Will end on 26/04/2030

(57) The invention concerns a set for producing a threaded connection, comprising a first and a second tubular component with an axis of revolution, one of their ends being provided with a threaded zone formed on the external or internal peripheral surface of the component depending on whether the threaded end is of the male or female type, said ends finishing in a terminal surface which is orientated radially with respect to the axis of revolution of the tubular components, said threaded zones comprising threads comprising, viewed in longitudinal section passing through the axis of revolution of the tubular components, a thread crest, a thread root, a load flank and a stabbing flank, the width of the thread crests of each tubular component reducing in the direction of the terminal surface of the tubular component under consideration, while the width of the thread roots increases, characterized in that the lead of the male stabbing flanks and/or load flanks is different from the lead of the female stabbing flanks and/or load flanks. The invention also pertains to a threaded connection.

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

Egyptian Patent Office



PCT

(22) 04/09/2011

(21) 1475/2011

(44) April 2015

(45) 07/10/2015

(11) 27241

(51)	Int. Cl. 8 A61F 13/49, 13/15 & B65H23/038
(71)	1. UNICHARM CORPORATION (JAPAN) 2. 3.
(72)	1. YAMAMOTO, Hiroki 2. 3.
(73)	1. 2.
(30)	1. (JP) 2009-048418 - 02-03-2009 2. (JP) 2010-042003 - 26-02-2010 3. (PCT/JP2010/053739) - 02-03-2010
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CONVEYOR AND METHOD OF MANUFACTURING ABSORBENT ARTICLE Patent Period Started From 02/03/2010 and Will end on 01/03/2030

(57) The web conveyor 100 conveys a continuous web 7L for L size and a continuous web 7M for M size. The conveyor 100 includes a guide mechanism 220 changing a passing position of a side edge portion of a web 7, a detection mechanism 230 detecting the passing position of the edge portion of the web 7, and a drive mechanism 240 moving the guide mechanism 220 and the detection mechanism 230 together in the cross direction CD (width direction) of the web 7 according to a size such as L size or M size, by being in contact with a first side edge portion 10A and a second side edge portion 20A of the web 7. The drive mechanism 240 moves the guide mechanism 220 and the detection mechanism 230 by an equal traveling distance in the cross direction CD of the web.

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





PCT

(22) 21/11/2011

(21) 1947/2010

(44) Mares 2015

(45) 08/10/2015

(11) 27242

(51)	Int. Cl. ⁸ C07C 273/04
(71)	1. DSMIP ASSETS B.V. (NETHERLANDS) 2.
	3.
(72)	 GEVERS, Lambertus Wilhelmus MEESSEN, Jozef Hubert
	3. MENNEN, Johannes Henricus
(73)	 STAMICARBON B.V. (NETHERLANDS) .
(30)	1. (EP) 08156429.6 - 19-05-2008 2. (PCT/EP2009/056068) - 19-05-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS FOR THE PRODUCTION OF UREA FROM AMMONIA AND CARBON DIO

Patent Period Started From 19/05/2009 and Will end on 18/05/2029

(57) Process for the production of urea from ammonia and carbon dioxide in a urea plant containing a high-pressure synthesis section comprising two reactor sections, a stripper and a condenser, and a recovery section, wherein in the first reactor section a first synthesis solution is formed that is fed to the second reactor section; fresh carbon dioxide is fed to the second reactor section and in the second reactor section a second synthesis solution is formed that is fed to the stripper, wherein the second synthesis solution is stripped with the use of carbon dioxide as stripping gas and the mixed gas stream obtained in the stripper is sent to the condenser together with fresh ammonia and a carbamate stream, whereafter the condensate that is formed in the condenser is fed to the first reactor section and the urea stream that is obtained in the stripper is further purified in the recovery section, wherein the flow of the first synthesis solution from the first reactor section to the second reactor section, the flow of the second synthesis solution from the second reactor section to the stripper, the flow of the mixed gas stream from the stripper to the condenser and of the condensate from the condenser to the first reactor section is a gravity flow.

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



- (22) 26/12/2012
- (21) 2138/2012
- (44) April 2015
- (45) 08/10/2015
- (11) 27243

(51)	Int. Cl. ⁸ H01H 83/10
(71)	1. LSIS CO., LTD, (KOREA) 2. 3.
(72)	1. HAM, Seung Jin 2. 3.
(73)	1. 2.
(30)	1. (KR) 10-2011-0146993 - 30-12-2011 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SHORTAGE VOLTAGE TRIP DEVICE OF MOLDED CASE CIRCUIT BREAKER

Patent Period Started From 26/12/2012 and Will end on 25/12/2032

(57) Provided is a shortage voltage trip device of a molded case circuit breaker. In the molded case circuit breaker, driving current applied into a trip driving part is reduced in proportion to reduction of a power applied into a circuit. When the voltage applied into the circuit is greater than a rated voltage, the trip driving part is stopped, and an operation of a trip driving mechanism is restricted by a trip lever. When the voltage applied into the circuit is less than the rated voltage, the trip driving part is operated, and the restriction of the trip driving mechanism is released by the trip lever rotated by being linked with the operation of the trip driving part. Thus, the circuit may be more simply switched, and operation reliability of a product may be improved. Also, the product may have a more simplified structure.

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



PCT

(22) 10/01/2012

(21) 0053/2012

(44) June 2015

(45) 08/10/2015

(11) 27244

(51)	Int. Cl. ⁸ C11D 1/12, 1/42, 1/65 & C02F 101/32, 103/08
(71)	 MOHAMMED ISMAIL MOHAMADY ALY SAAD (EGYPT) ABDULLAH ISMAIL MOHAMMADI 3.
(72)	 MOHAMMED ISMAIL MOHAMADY ALY SAAD ABDULLAH ISMAIL MOHAMMADI 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	MOHAMMED ISMAIL MOHAMADY
(12)	Patent

(54) OIL DEGREASER INK REMOVAL & DISINFECTANT Patent Period Started From 10/01/2012 and Will end on 09/01/2032

(57) Brightank: multi purposes industrial oil degreaser and disinfectant for dissolving any heavy grease, oil and grime. -hard stain removal and ink removal from any surface (not affect on metal, vinyl, plastic, rubber, fiber surfaces. - human hand degreaser and hand disinfectant. - for removal of ink from clothes and carpets.-the complete solution for cleaning of all parts of cars and heavy equipement and machines (all in one).-cleaning of huge oil tanks and excavator.-oil tanker ships.-harbors (land and marine) and air strips.-breaks down and dissolves hydrocarbons.-home appliances application for and leaning job at home.-not harmful for human.-for power stations and workshops,floors and walls.-environmentally friendly,neutral ph value= 7 as like water -non toxic ,non corrosive ,non flamable after water addition and non pathogenic and not cause irritation nor drying of the human skin. -not necessary to use any detergent nor soap after applying solution.thanks and best regards mohammed ismail mohammedy aly saad.

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



PCT

(22) 16/02/2012

(21) 0274/2012

(44) Mares 2015

(45) 11/10/2015

(11) 27245

(51)	Int. Cl. 8 B01J 20/06, 20/08, 20/32 & B01	D 53/02, 53/64 & C01G 25/00
(71)	1. JOHNSON MATTHEY PLC 2. 3.	
(72)	 FISH, Andrew CHALLIS, Lucy Jane COUSINS, Matthew John FEAVIOUR, Mark Robert 	5. WAGLAND, Alison Mary6. STEPHEN DAVID POLLINGTON7. EDMUND HUGH STITT
(73)	1. 2.	
(30)	1. (GB) 0914272.0 - 17-08-2009 2. (PCT/G2010/051318) - 10-08-2010 3.	
(74)	ABD EL HADI FOR I. P. OFFICE	
(12)	Patent	

(54) A METHOD OF PREPARATION OF A SORBENT TO REMOVE THE HEAVY METALS FROM LIQUIDS AND GASES Patent Period Started From 10/08/2010 and Will end on 09/08/2030

- (57) A method is described for preparing a sorbent composition, comprising the
 - (i) applying, from a solution or a slurry, a layer of a copper compound on the surface of a support material, and
 - (ii) drying the coated support material,

steps of:

Wherein the thickness of the copper compound layer on the dried support is in the range 1-200? m. The precursor may be converted to a sorbent suitable for removing heavy metals from liquids or gases by applying one or more sulphur compounds to sulphide the copper compound and form CuS.

Ministry of State for Scientific Research Academy of Scientific Research & Technology **Egyptian Patent Office**



EGYPT

PCT

(22) |27/04/2010

(21) 0682/2010

(44) March 2015

(45) 11/10/2015

(11) 27246

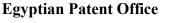
(51)	Int. Cl. 8 C10M 107/34, 105/18 & C09K 5/04 & C10N 30/00, 40/30
(71)	1. NIPPON OIL CORPORATION (JAPAN) 2. 3.
(72)	 SHIMOMURA, Yuji TAKIGAWA, Katsuya .
(73)	1. 2.
(30)	1. (JP) 2007-280607 - 29-10-2007 2. (PCT/JP008/068974) - 20-10-2008 3.
(74)	ABD EL HADI FOR I. P. OFFICE
(12)	Patent

REFRIGERATOR OIL AND WORKING FLUID COMPOSITION FOR REFRIGERATING MACHINES

Patent Period Started From 20/10/2008 and Will end on 19/10/2028

(57) Disclosed is a refrigerator oil characterized by containing an ester of a polyhydric alcohol and a fatty acid containing 50-100% by mole of a fatty acid having 5-9 carbon atoms, not less than 30% by mole of a branched fatty acid having 5-9 carbon atoms, and not more than 40% by mole of a straight chain fatty acid having 5 or less carbon atoms. This refrigerator oil is also characterized by being used together with a fluoropropene refrigerant and/or a trifluoroiodomethane refrigerant. Also disclosed is a working fluid composition for refrigerating machines characterized by containing the above-described ester, and a fluoropropene refrigerant and/or a trifluoroiodomethane refrigerant.

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





PCT

- (22) 11/12/2012
- (21) 2051/2012
- (44) March 2015
- (45) 11/10/2015
- (11) 27247

(51)	Int. Cl. ⁸ G01V 1/24	
(71)	1. GECO TECHNOLOGY B.V. (NETHERLANI 2. 3.	OS)
(72)	 GOLPARIAN, Daniel TAMBOISE, Guillaume MUSUNOORI, Sharath Babu 	4. O'CONNELL, Kevin
(73)	1. 2.	
(30)	1. (US) 61/353,863 - 11-06-2010 2. (US) 13/156,723 - 09-06-2011 3. (PCT/US 2011/039975) - 10-06-2011	
(74)	ABD EL HADI FOR I. P. OFFICE	
(12)	Patent	

(54) SEISMIC SURVEY COMMUNICATION SYSTEMS AND METHODS Patent Period Started From 10/06/2011 and Will end on 09/06/2031

(57) An embodiment of the invention may extend the range of wireless communications in a seismic acquisition survey. The embodiment may leverage the infrastructure of a hard-wired communications backbone by appending wireless cells to the hard-wired communications. This may allow, for example, a recording truck to control remotely located seismic sources via wireless communications in the spread. Another embodiment includes a communication system for servicing field equipment. The embodiment provides for a fully or semi automated process for communicating equipment failures between survey personnel (e.g., recording truck operators and line observers). The embodiment establishes an end-to-end channel between, for example, the recording truck and field crew members. Other embodiments are disclosed herein.

Ministry of State for Scientific Research Academy of Scientific Research & Technology **Egyptian Patent Office**



PCT

(22) 17/03/2009

(21) | 0349/2009

(44) March 2015

(45) 11/10/2015

(11) 27248

(51)	Int. Cl. ⁸	E21B 43/04
(- 4)	4 DD 41	DECEADOL

- PRAD RESEARCH AND DEVELOPMENT LIMITED. (NETHERLANDS) **(71)** 1.
- SAEBI, Shahryar (72)
 - TOFFANIN, Ezio TIBBLES, Raymond J.
- (73)
- (30)(US) 60/826,191 - 19-09-2006
 - (US) 11/841,195 20-08-2007
 - (PCT/US007/078428) 13-09-2007
- ABD ELHAD FOR I.P. OFFICE **(74)**
- Patent (12)

GRAVEL PACK APPARATUS THAT INCLUDES A SWELLABLE **ELEMENT**

Patent Period Started From 13/09/2007 and Will end on 12/09/2037

(57) A gravel pack apparatus for use in a wellbore includes a screen assembly to filter particulates, at least one shunt conduit to carry gravel slurry, and a swellable element around a portion of the at least one shunt conduit. The swellable element swells in response to an input stimulus and expands radially outwardly to seal against the wellbore.

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



PCT

(22) 26/11/2008

(21) 1918/2008

(44) May 2015

(45) 11/10/2015

(11) 27249

(51)	Int. Cl. 8 C09K 5/06 & F25B 17/00, 30/04 & F28D 20/00, 20/02
(71)	1. CLIMATEWELL AB (SWEDEN)
	3.
(72)	1. OLSSON, Ray 2. BOLIN, Goran
	3.
(73)	1. 2.
(30)	1. (SE) 0601222-3 - 29-05-2006 2. (PCT/SE2007/000522) - 29-05-2007 3.
(74)	NAHED WADEA REZK
(12)	Patent

(54) CHEMICAL HEAT PUMP WORKING WITH A HYBRID SUBSTANCE

Patent Period Started From 29/05/2007 and Will end on 28/05/2027

(57) A chemical heat pump includes a reactor part that contains an active substance and an evaporator/condenser part that contains that portion of volatile liquid that exists in a condensed state and can be absorbed by the active substance. A channel interconnects the reactor part and the evaporator/condenser part, In at least the reactor part a matrix is provided for the active substance so that the active substance both in its solid state and its liquid state or its solution phase is held or carried by or bonded to the matrix. The matrix is advantageously an inert material such as aluminium oxide and has pores, which are permeable for the volatile liquid and in which the active substance is located. In particular, a material can be used that has a surface or surfaces, at which the active substance can be bonded in the liquid state thereof. For example, the matrix can be a material comprising separate particles such as a powder or a compressed fibre material.

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

Egyptian Patent Office



PCT

(22) 30/04/2013

(21) 0741/2013

(44) June 2015

(45) 11/10/2015

(11) 27250

(51)	Int. Cl. ⁸ E63B 21/27 & E21B 41/08, 43/017
(71)	1. AKER SUBSEA AS ((NORWAY) 2. 3.
(72)	 MØGEDAL, Knut KRISTIANSEN, Bard Water of the second se
(73)	1. 2.
(30)	1. (NO) 20101581 - 09-11-2010 2. (PCT/US2011/069521) - 07/11/2011 3.
(74)	MONA MOHAMED BAKIR
(12)	Patent

(54) SUBSEA ANCHOR Patent Period Started From 07/11/2011 and Will end on 06/11/2031

(57) Subsea anchor having a hollow cylindrical body extending down from a top part. The anchor has a top aperture and a top hatch which is adapted to close and open the top aperture. The cylindrical body is adapted to penetrate into a seabed. The area of said aperture is at least 30 % of the corresponding cross section area encircled by the cylindrical body.

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



EGYPT

PCT

(22) 10/08/2009

(21) 1213DI/2009

(44) May 2015

(45) 11/10/2015

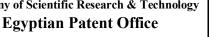
(11) 27251

(51)	Int. Cl. ⁸ B67D 3/04 & E03D 1/08
(71)	1. NABIL HANNA MEKHAEIL AWAD (EGYPT) 2. 3.
(72)	1. NABIL HANNA MEKHAEIL AWAD 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74) (12)	Patent

(54) SIPHON SPIGOT WITH AN EXTERNAL VALVE Patent Period Started From 10/08/2009 and Will end on 09/08/2029

(57) Siphon spigot with an external valve it is Working with valve Outdoor This valve is located outside the Siphon Box, which works by one lashes. we can change it by ourselves Without tools or a plumber and that by loosening the bolt water hose coming from the water source and which is characterized by the an existing of her arms through which we can decode and connecting setscrew to change the lashes, which are the first two functions: operate with the internal column valve foreskin The second and leather working And second annular skin operate between the end of the faucet and the end of a water hose.

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





PCT

- (22) 10/08/2009
- (21) | 1213DI/2009
- (44) June 2015
- (45) 11/10/2015
- (11) 27252

(51)	Int. Cl. ⁸ B67D 3/04, E03D 1/08
(71)	1. NABIL HANA MEKHAEIL AWAD (EGYPT) 2.
	3.
(72)	1. NABIL HANA MEKHAEIL AWAD
, ,	2.
	3.
(73)	1.
,	2.
(30)	1.
	2.
	3.
(74)	
(12)	Patent

FAUCET WALL WITH EXTERNAL VALVE **(54)** Patent Period Started From 10/08/2009 and Will end on 09/08/2029

- (57) Faucet is working with external valve. It is opens and closes by side arm, Installed on a horizontal axis. Faucet is working by lashes. - This lashes are two functions:
 - (1) It is working with the column as a valve (Open / close).
 - (2) It is working as a gasket between the End of the pipe and The end of the faucet
 - We can change the lashes by ourselves without A plumber or tools.
 - We can be used at the end of the hose and the end of the pipe whatever.

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



PCT

(22) 06/12/2006

(21) PCT/NA2006/001168

(44) May 2015

(45) 12/10/2015

(11) 27253

(51)	Int. Cl. ⁸ A01N 43/90, 37/44
(71)	1. SYNGENTA PARTICIPATIONS AG. (SWITZERLAND)
(,1)	2. 3.
(72)	1. ANGST, MAX
	2. KERBER ELMAR 3. MORCOS ADEL
(73)	1.
(30)	2. 1. (EP) 04013338.1 - 07-06-2004
(30)	2. (PCT/EP2005/006057) - 06-06-2005
(5.4)	3.
$\frac{(74)}{(12)}$	SOHER MEKHAEL REZK Patent

(54) METHODS FOR REDUCING NEMATODE DAMAGE

Patent Period Started From 06/06/2005 and Will end on 05/06/2025

(57) A method of reducing damage to plant propagation material and plant organs which grow at a later time by a representative of the class Nematode, which method comprises (I) treating the propagation material with (A) a chelating agent, and optionally (B) a macrocyclic lactone compound or another pesticide, before the material is sown or planted, or(II) applying (A) a chelating agent, and optionally (B) a macrocyclic lactone compound or another pesticide, to the locus of the material or the treated material defined in (I) before its planting, and/or at its planting and /or during its growth, wherein the chelating agent is an iron chelate.

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

Egyptian Patent Office



PCT

(22) 31/07/2013

(21) | 1252/2013

(44) May 2015

(45) 12/10/2015

(11) 27254

(51)	Int. Cl. ⁸ B65D 21/028
(71)	1. BTC CONCEPT (FRANCE)
	2. 3.
(72)	1. BOU MEZRAG, Mohammed
	2. BASSING, Yann-Loig, Bernard, Frederic
	3.
(73)	1.
	2.
(30)	1. (FR) 11/00290 - 31-01-2011
()	2. (PCT/FR2012/000034) – 27-01-2012
	3.
(74)	SOHEER, MICHEAL, REZK
(12)	Patent

(54)MODULAR RECEPTACLE FORMED BY A PLURALITY OF AXIALLY-NESTABLE CONTAINERS, AND METHOD FOR PRODUCING SUCH CONTAINERS BY MEANS OF THE BLOW-**MOULDING OF A PREFORM**

Patent Period Started From 27/01/2012 and Will end on 26/01/2032

(57) The invention relates to a modular receptacle formed by a plurality of axially-nestable necked containers. The neck of the containers comprises a flange which cooperates with a recessed tubular chamber provided in the base of the containers. The flange is housed in the chamber, such that it is free to move radially, but bears axially against a shoulder in one direction. Bosses are provided on a flared section that extends from the neck and said bosses are received in cavities located in a flared pocket that extends from the above-mentioned chamber. The bosses and cavities form members that provide axial and radial stabilisation for the nesting arrangement formed when the flange bears against the shoulder and they include inclined lateral-pressure-bearing ramps used to separate two assembled containers.

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

Egyptian Patent Office



PCT

(22) 18/09/2011

(21) 1548/2011

(44) April 2015

(45) 18/10/2015

(11) 27255

(51)	Int. Cl. ⁸ B32B 17/06
(71)	 AGCFLAT GLASS NORTH AMERICA, INC. (UNITED STATES OF AMERICA) AGC GLASS EUROPE, S.A (BELGIUM) 3.
(72)	 CORDING, Christopher R. TIXHON, Eric SCHUTZ, Alain
(73)	1. 2.
(30)	1. (US) 61/161.186 – 18-03-2009 2. (US) 61/321.209 – 04-08-2009 3. (PCT/US2010/027806) – 18-03-2010
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) THIN FILM COATING AND METHOD OF MAKING THE SAME Patent Period Started From 18/03/2010 and Will end on 17/03/2030

(57) The present invention provides low-E thin film optical stacks with improved optical and infrared reflecting properties and methods of making the same. More specifically, the present invention provides for a metal oxide thin film coating that exhibits lower emissivity values than its predecessor due to the inclusion of an oxidizer in the metal oxide deposition process, such as a strong acid such as nitric acid. The present invention also provides for a method that increases the coating efficiencies of the thin films described herein.

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



PCT

(22) 32/11/2005

(21) PCT/NA2005/00756

(44) April 2015

(45) 18/10/2015

(11) 27256

(51)	Int. Cl. ⁸ E21B 43/02, 33/138
(71)	1. HALLIBURTON ENERGY SERVECES,INC (UNITED STATES OF AMERICA) 2. 3.
(72)	 NGUYEN, Philip, D. BROWN, DavidL
(73)	1. 2.
(30)	1. (US) 10/444.408 - 23-05-2003 2. (PCT/GB2004/001842) - 29-04-2004 3.
(74)	ABD ELHAD FOR I.P. OFFICE
(12)	Patent

(54) METHODS FOR CONTROLLING WATER AND PARTICULATE PRODUCTION

Patent Period Started From 29/04/2004 and Will end on 28/04/2024

(57) The present invention provides methods of reducing the production of both water and particulates from subterranean formations; the methods are particularly useful in conjunction with subterranean formations surrounding wellbores and fractures. The methods comprise the steps of applying to a subterranean formation a pre-flush fluid, applying aqueous surfactant fluid, applying a low-viscosity consolidating fluid, and applying an after-flush fluid.

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



PCT

(22) 08/03/2011

(21) 0373/2011

(44) March 2015

(45) 18/10/2015

(11) 27257

(51)	Int. Cl. 8 A61F 5/41	
(71)	1. AURIS MEDICAL LIMITED (UNITED KINGDOM) 2. 3.	
(72)	 ZAMAR, Antonios Camille 3. 	
(73)	1. 2.	
(30)	1. (GB) 0816448.5 - 09-09-2008 2. (PCT/GB2009/051117) - 03-09-2009 3.	
(74)	SONYA FAEK FARAG	
(12)	Patent	

(54) STIMULATION APPARATUS Patent Period Started From 03/09/2009 and Will end on 02/09/2029

(57) The present invention concerns apparatus for applying targeted stimulation at or adjacent the base of the area of the glans of the penis, wherein the apparatus comprises a contact portion having a first contact surface conforming substantially to the longitudinal profile of the penis, the contact portion further having a second contact surface, raised, in use, inwardly of the first contact surface towards the penis, to project in use into positive engagement with the area at or adjacent the base of the glans of the penis.

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

Egyptian Patent Office



PCT

(22) 15/10/2009

(21) 1524/2009

(44) July 2015

(45) 18/10/2015

(11) 27258

(51)	Int. Cl. 8 C10B 53/02 & C10L 5/40
(71)	1. MINAR ENGINEERING COMPANY (MEC) 2.
(50)	3.
(72)	1. OSAMA ABEL-HAKAM EL-ADEL AHMED 2. ADEL MOHAMED HASSAN AFIFI 3. AYMA OSAMA ABEL-HAKAM EL-ADEL
(73)	1.
(10)	2.
(30)	1.
	2.
	3.
(74)	ADEL MOHAMED HASSAN AFIFI
(12)	Patent

(54) AUTOMATIC METAL KILN FOR CHARCOAL PRODUCTION Patent Period Started From 15/10/2009 and Will end on 14/10/2029

(57) Automatic metal mobile kiln for charcoal production

This invention relates Automatic metal mobile kiln for charcoal production This converts its full charge of wood or agro-waste to charcoal and other valuable by products as tar and flammable gases, used as fuel.

The kiln consists of four main units as following:

- 1- charring unit
- 2- Hot air generation unit and transformation carbon monoxide to carbon dioxide.
- 3- Control unit.
- 4- Condensation unit.

Hot air generation unit is pushed the hot air to inside the outer container of charring unit.

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





PCT

(22) 18/03/2013

(21) |0438/2013

(44) July 2015

(45) 20/10/2015

(11) 27259

(51)	Int. Cl. 8 C01C 1/28 & C23F 11/14	
(71)	 Egyptian Petroleum Research Institute (EPRI) (EGYPT) . 	
(72)	3. 1. MOHAMED ABD AL-AZIM HEGAZY 4. MAHMOUD ABDEL-KADER SADEO	
(12)	2. AHMED HAMMAM BEDAIR 3. AZIZA EL-SAYED EL-TABEI	
(73)	1. 2.	
(30)	1. 2.	
	3.	
(74)	KHALED ALY ABD EL ZAHER Patent	
(12)		

(54)SYNTHESIS OF A NOVEL TRI-CATIONIC SURFACTANT AND USED AS A CORROSION INHIBITOR FOR CARBON STEEL IN **ACID MEDIUM**

Patent Period Started From 18/03/2013 and Will end on 17/03/2033

(57) A novel tri-quaternary ammonium salt was synthesized, characterized by spectroscopy analysis. The synthesized tri cationic surfactant was exhibited a good surface properties. The inhibition effect of the surfactant carbon steel corrosion in 0.5 M H2SO4 was studied by potentiodynamic polarization, electrochemical impedance spectroscopy and weight loss techniques. Results showed that the studied inhibitor had a good inhibiting effect regarding the corrosion of carbon steel in 0.5 M H2SO4 solution. The inhibition efficiency was up to 96.2 % at 1.0x10-3 M. The high inhibition efficiency was attributed to the blocking of active sites on the steel surface through the adsorption of the inhibitor molecules.

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

Egyptian Patent Office



PCT

(22) 26/11/2013

(21) 1808/2013

(44) July 2015

(45) 20/10/2015

(11) 27260

(51)	Int. Cl. ⁸ A23L 1/00
(71)	1. EGYPTIAN PETROLEUM RESEARCH INSTITUTE (EGYPT)
	2. 3.
(72)	1. MOTAZ AHMED EL-SAWY MAHMOUD
, ,	2. LABIBA ISMAIL HUSSIEN MOHAMED
	3.
(73)	1.
` /	2.
(30)	1.
,	2.
	3.
(74)	KHALID ABDUL ZAHIR
(12)	Patent

(54) JOJOBA CHITOSAN FILMS FOR AGRICULTURC. INDUSTRIAL AND MEDICAL APPLICATION TO RESIST BACTCRIA

Patent Period Started From 26/11/2013 and Will end on 25/11/2033

(57) This invention relates to chitosan and nano chitosan particles were blended with jojoba and jojoba derivatives. The blends were characterized by spectral tools and mechanical properties in the blend films.

Thermogravimetric analysis revealed some changes in the thermal properties of the blends when it compared with neat chitosan. The antibacterial properties of the blends were investigated and it was found that the isopropyl Jojobate chitosan, nano-chitosan mixture and jojobyl alcohol chitosan, nano-chitosan mixture showed the best sensitivity against both Gram-positive and Gram negative tested bacteria. The mixtures used in the agriculture, industrial and medical application. As example the mixtures were sprayed over tomato fruits to investigate the shelf live efficacy of these blends. Some of the combination was able to extend the shelf life of tomato to 45 days

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



PCT

(22) 18/03/2013

(21) 0427/2013

(44) June 2015

(45) 21/10/2015

(11) 27261

1				
	(51)	(51) Int. Cl. ⁸ A01H 1/04 & B07C 5/34 & G01N 21/35		
	(71)	. SYNGENTA LIMITED (UNITED KINGDOM) . SYNGENTA PARTICIPATIONS AG (SWITZERLAND) .		
	(72)	 BENSLEY-BROMILOW, John Charles Battleaxe BRUNS, Robert Fritzpatrick MARTIN, Barry Andrew 	4. NEUFFER, Karsten	
	(73)	(73) 1. 2.		
	(30)	(30) 1. (GB) 1015791.5 - 20-09-2010 2. (PCT/EP2011/066136) - 16-09-2011 3. (74) SOHAIR, MIKHAEEL REZK (12) Patent		
	(74)			
	(12)			

(54) IMPROVED METHOD FOR OBTAINING SUBSTANTIALLY PURE HYBRID CEREAL SEED AND MACHINE FOR USE THEREOF

Patent Period Started From 16/09/2011 and Will end on 15/09/2031

(57) The present invention relates to a method for obtaining substantially pure hybrid cereal seed and a machine for use thereof. In particular the invention describes a method for separating hybrid barley seed from a mixed population of inbred barley seed and hybrid barley seed on the basis of a difference which is detectable via the use of near infrared light.

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





PCT

(22) 19/04/2011

(21) 0626/2011

(44) July 2015

(45) 21/10/2015

(11) 27262

(51)	Int. Cl. 8 B01D 67/00, 69/02, 69/06, 71/16		
(71)	1. NATIONAL CENTER FOR RESEARCH (EG 2. 3.	NATIONAL CENTER FOR RESEARCH (EGYPT)	
(72)	1. D. Safaa Abdel-Raouf Ahmed	4. Prof. Dr. Hala Ahmed Talaat	
(-)	2. D. Sahar Saad Ahmed	5. Prof. Dr. Abd El-Gani Gamal Abulnour	
	3. Prof. Dr Mohamed Hassan Sorour		
(73)			
(30)	1.		
	2. 3.		
(74) NATIONAL RESEARCH CENTER- FOCAL POINT WITH EGYPTIAN PA		INT WITH EGYPTIAN PATENT OFFICE -	
()	REPRESENTED BY: MAGDA ELSAYED MOHA	ASEB	
(12)	2) Patent		

(54) METHOD FOR PREPARATION OF CELLULOSE ACETATE FLAT MEMBRANE VIA CASTING TECHNIQUE

Patent Period Started From 19/04/2011 and Will end on 18/04/2031

Formamide (DMF) blends at different ratios have been prepared by solution blending and phase inversion technique. Membrane sheets have been prepared from solutions of concentrations ranging from 17 to 22 % polymer content with different Acetone to DMF ratios ranging from (1 to 2) % by weight. Optimal selected sheets have been subjected to thermal treatment at temperature ranges between 60 and up to 90 oC. The surface morphology and salt rejection before and after thermal treatment have been compared. Water Permeation flux has been investigated using saline water. It has been found that, that thermal treatment of the developed nano membranes has improved membrane salt rejection up to 88 % at operating pressure 15 bar for salty water with 20000 ppm dissolved solid. It has been also noticed that most of the prepared sheets have tolerated operating pressure up to 40 bar.

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PCT

- (22) |22/11/2010
- (21) | 1959/2010
- (44) June 2015
- (45) 21/10/2015
- (11) |27263

(51)	Int. Cl. ⁸ G01B 7/06
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2.
	3.
(72)	1. AHMED RAMY MOHAMED ABDEL-LATIF
,	2.
	3.
(73)	1.
	2.
(30)	1.
	2.
	3.
(74)	NATIONAL RESEARCH CENTER- FOCAL POINT WITH EGYPTIAN PATENT OFFICE -
	REPRESENTED BY: MAGDA ELSAYED MOHASEB
(12)	Patent

(54) METHOD AND APPARATUS TRANSPORT CHOPPING DOUGH BREAD MAOIST (MUNICIPAL)

Patent Period Started From 22/11/2010 and Will end on 21/11/2030

(57) The present invention relates to method and machine for the transfer and cutting balady bread dough. Dough is transferred by safety method through the transport by air pressure directly from dough mixer , which the fermentation process for dough happened inside it to cutting machine and then to transport on the wooden or on rubber conveyor Belt. The machine consists of two basic units, the first unit for kneading and transport the dough. It includes mixer for dough with control cover lock and, which comes with safety valve and manometer and air compressor for press the dough to the distribution hopper and then to the cutting machine. The second unit is a cutting device and consists of a motor connected by gearbox and riding on cam shaft. Cutting arm is fixed on the cam shaft and it is a high-wire steel .The motor comes with rheostat to control the speed, which they can control the weight of the loaves. The product of loaves are transport on a wooden board or rubber conveyor belt. By using this machine can control the output of bread specifications and also decrease the losses and reduce the labor.

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

Egyptian Patent Office



PCT

(22) 06/03/2012

(21) 0401/2012

(44) June 2015

(45) 21/10/2015

(11) 27264

(51)	Int. Cl. ⁸ A01N 63/02 & C12N 1/00
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	 Dr. MOHAMED ABDEL AZIZ MOHAMED Prof. Dr. LOTFY ABDEL-RAOUF ALI SALLAM Prof. Dr. ABD EL-HAMID ALI HAMDY
(73)	1. 2.
(30)	1. 2. 3.
(74)	NATIONAL RESEARCH CENTER- FOCAL POINT WITH EGYPTIAN PATENT OFFICE - REPRESENTED BY: MAGDA ELSAYED MOHASEB
(12)	Patent

(54) PREPARATION OF NOVEL COSTLESS FERMENTATION MEDIUM FOR PRODUCTION OF RAPAMYCIN

Patent Period Started From 06/03/2012 and Will end on 05/03/2032

(57) Rapamycin is a unique surprising drug having endless list of clinical bioactivities with special efficient potency. It is 150 times as potent as cyclosporine A, and it has a high price that is one hundred as that of gold. Basing on costless and affordable raw materials in the local market, preparation of a novel fermentation medium for production of rapamycin has been successfully accomplished. The cost of the developed medium is many tens times lower than that of other conventionally used media. The novel medium is prepared basing on four different components namely soy meal, wheat bran, potassium dihydrogen phosphate and whey. Each of medium components has to be applied in a definite amount, and with special acid treatment of wheat bran and dissolving the components in tap water, the medium is ultimately formulated as a complete fermentation medium for rapamycin production. Tremendous lowering in the overall cost of rapamycin production could be achieved by the developed medium and great economic income will be attainable.

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



PCT

(22) 23/04/2012

(21) 0754/2012

(44) June 2015

(45) 21/10/2015

(11) 27265

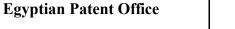
(51)	Int. Cl. ⁸ B01D 39/16, 71/16, 67/00
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	 Heba Abdallah Mohamed Abdallah Sahar Saad Ali Ahmed
(73)	1. 2.
(30)	1. 2. 3.
(74)	NATIONAL RESEARCH CENTER- FOCAL POINT WITH EGYPTIAN PATENT OFFICE - REPRESENTED BY: MAGDA ELSAYED MOHASEB
(12)	Patent

(54) FABRICATION OF RO MEMBRANE USING PES/CA BLEND POLYMER

Patent Period Started From 23/04/2012 and Will end on 22/04/2032

(57) The present invention relates of fabricate RO membranes using a mixture of poly-ether sulfone polymer with cellulose acetate ester by casting method through the preparation of a matrix of casting by mixing polymers with solvent, the solution are left to get rid of air bubbles. The solution is poured and dragging on the glass panel by a specific knife and drying from 0 to 30 min. Then the immersion in distilled water comes until membrane can separate from the glass. The membrane is washed and heat treatment is made on the membranes. The membrane is kept thereafter until use.

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PCT

- (22) 23/04/2012
- (21) 0755/2012
- (44) June 2015
- (45) 21/10/2015
- (11) 27266

(51)	Int. Cl. ⁸ C07K 1/14
(71)	 NATIONAL RESEARCH CENTER (EGYPT) 3.
(72)	 Prof. Dr. GALAL ABD-EL MOEIN MAHMOUD NAWWAR 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	NATIONAL RESEARCH CENTER - FOCAL POINT WITH EGYPTIAN PATENT OFFICE - REPRESENTED BY: MAGDA ELSAYED MOHASEB
(12)	Patent

(54) METHOD FOR PREPARATION OF NATURAL ANIMAL FEED CONCENTRATES

Patent Period Started From 23/04/2012 and Will end on 22/04/2032

(57) Chicken feathers were hydrolyzed catalyzed by alkaline pulping rice straw extract (10% concentration) at 80C for 3 hours, then via fermentation for 72 hours to produce natural livestock concentrate. The concentrate contains the essential amino acids, minerals and antioxidants.

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PCT

(22) 26/11/2012

(21) | 1960/2012

(44) June 2015

(45) 25/10/2015

(11) | 27267

(51)	Int. Cl. 8 B29D 21/04 & B27N3/04,1/00		
(01)			
(71)	1. NATIONAL RESEARCH CENTER (EGYPT)		
	´ 2.		
	3.		
(72)	1. Prof. Dr. ALTAF HALIM BASTA	4. CHEMIST, AHMED FARAHAT SEHAAB	
	2. Prof. Dr. HOUSSNI EL-SAIED MOHAMED ALI		
	3. Prof. Dr. abdel-baset abdel-hamid adam		
(73)	(73) 1. 2. (30) 1. 2.		
(10)			
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(00)			
	3.		
(74)	NATIONAL RESEARCH CENTER - FOCAL POI	NT WITH EGYPTIAN PATENT OFFICE -	
	REPRESENTED BY: MAGDA ELSAYED MOHASEB (12) Patent		
(12)			

(54) METHOD FOR QUALITY PRESERVATION OF SUGAR-CANE BAGASSE DURING THE STORAGE PERIOD, THAT USED IN THE MANUFACTURE OF WOOD

Patent Period Started From 26/11/2012 and Will end on 25/11/2032

(57) This invention relates to a method for quality preservation of sugar-can bagass during the storage period, that used in the manufacture of wood as medium density fiberboards (MDF) and compatible with standard specification. In this respect, environmentally friendly investigated biopolymer was added of 0.5%, which prevents harmful impact of wet storage process, whereas the biopolymer led to prevent the fermentation and the growth of microorganisms. To evaluate the success of this technology, the chemical and biological analyses were carried out on bagasse fibers at different storage periods, as well as followed the mechanical and physical properties of MDF output. The results showed that the fibers treated with biopolymer is positive impact for preserving their components during storage process, and therefore the physical and mechanical properties (strength) of the wood product prepared from such fibers, comply with the ASTM Standard Specifications for such type of wood, for all year period..

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

Egyptian Patent Office



PCT

(22) 09/07/2012

(21) 1232/2012

(44) June 2015

(45) 25/10/2015

(11) 27268

(51)	Int. Cl. 8 H01H 9/04, 9/16 & H02G 3/08
(71)	1. BTICINO S.P.A (ITALY) 2. 3.
(72)	1. ALETTI, Tiziano 2. 3.
(73)	1. 2.
(30)	1. (IT) RM2010A000145 - 30-03-2010 2. (PCT/IT2011/000052) - 24-02-2011 3.
(74)	NAHED WADIH RIZK
(12)	Patent

(54) APPARATUS FOR THE CONTROL AND/OR DISTRIBUTION OF ELECTRIC POWER COMPRISING A PROTECTIVE ANTI-DUST DEVICE

Patent Period Started From 24/02/2011 and Will end on 23/02/2031

(57) An apparatus is described for the control and/or distribution of electric power comprising: a generally box-shaped supporting structure delimiting an inner space, the supporting structure comprising confinement walls of the inner space in at least one of which an access opening to the inner space is defined; - a protective device against the intrusion of dust and similar, stably coupled to the supporting structure. The protective device comprises a tear able membrane occluding the access opening and intended for being torn and/or traversed by a fitting or connecting device which can be coupled to the apparatus by engagement with said opening.

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Egyptian Patent Office



PCT

(22) 10/10/2012

(21) 1732/2012

(44) June 2015

(45) 25/10/2015

(11) 27269

(51)	Int. Cl. ⁸ C10G 15/08 & C02F 1/36 & B01J 19/10 & B01F 7/00	
(71)	1. PRISTEC AG (AUSTRIA) 2. 3.	
(72)	 DELGADO CASTILLO, Jose Miquel VENECIANO RIVERA, Anibal Luis NUERK, Ruediger Uwe 	4. CHERNIKOV, Fedor
(73)	1. 2.	
(30)	1. (AT) A 597/2010 - 14-04-2010 2. (AT) A 596/2010 - 14-04-2010 3. (PCT/AT2011/000184)14-04-2011	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) METHOD FOR THE TREATMENT OF A LIQUID, IN PARTICULAR A MINERAL OIL Patent Period Started From 14/04/2011 and Will end on 13/04/2031

(57) A method is disclosed for the treatment of a liquid, in particular a mineral oil, for increasing the portion of low-boiling fractions. The treatment comprises generating pressure waves having a first frequency, subjecting the liquid to said pressure waves in a region of application and feeding the so-treated liquid to a tank. At least one pipe flowed through by the treated liquid and immediately following said region of application is excited to oscillations of a second frequency, which is the resonance frequency of the excited system.

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

Egyptian Patent Office



PCT

- (22) 03/12/2012
- (21) 1998/2012
- (44) June 2015
- (45) 25/10/2015
- (11) |27270

(51)	Int. Cl. 8 E21B 33/12
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	 XU, Richard, Yingging ROSENBLATT, Steve 3.
(73)	1. 2.
(30)	1. (US) 12/821,416 - 23-06-2010 2. (PCT/US2011/037569) - 23-05-2011 3.
(74)	NAHED WADEA RIZK
(12)	Patent

(54) TELESCOPING CONDUITS WITH SHAPE MEMORY FOAM AS A PLUG AND SAND CONTROL FEATURE

Patent Period Started From 23/05/2011 and Will end on 22/05/2031

(57) A string with a plurality of telescoping members has the telescoping members initially sealed preferably with a shape memory foam so that the foam is initially impervious when run into a subterranean location. Then, after extension of the telescoping members, using pressure in the string, the foam gets above its transition temperature and grows axially in a passage of the telescoping members, to the point of becoming porous so that it can serve as a sand control or other debris exclusion device. Plates with openings can be deployed at opposed ends to maintain the assembly in position when subjected to differential pressure as flow goes through the foam. Alternative materials are envisioned.

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

Egyptian Patent Office



PCT

- (22) 21/06/2011
- (21) 1053/2011
- (44) June 2015
- (45) 25/10/2015
- (11) |27271

(51)	Int. Cl. ⁸ C03C 17/36	
(71)	1. SAINT-GOBAIN GLASS FRANCE (FRANCE) 2. 3.	
(72)	 REYMOND, Vincent GERARDIN, Hadia BELLIOT, Sylvain 	4. RONDEAU, V?ronique 5. PETITJEAN, Eric
(73)	1. 2.	
(30)	1. (FR) 0858944 - 22-12-2008 2. (PCT/FR2009/052664) - 22-12-2009 3.	
(74)	NAHED WADIH RIZK	
(12)	Patent	

(54) SUBSTRATE PROVIDED WITH A MULTILAYER STACK HAVING THERMAL PROPERTIES AND ABSORBENT LAYERS

Patent Period Started From 22/12/2009 and Will end on 21/12/2029

(57) The invention relates to a multiple-glazing panel comprising at least two substrates, one substrate being coated on an inner face in contact with an intermediate gas cavity with a thin-film multilayer stack having reflection properties in the infrared and/or in solar radiation, which multilayer stack has only a single metallic functional layer and two dielectric films, said films each comprising at least one dielectric layer, said functional layer being placed between the two dielectric films, characterized in that the two dielectric films each comprise at least one absorbent layer which is placed in the dielectric film between two dielectric layers, the absorbent material of the absorbent layers being placed symmetrically on each side of the metallic functional layer.

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





PCT

(22) 12/03/2012

(21) 0436/2012

(44) June 2015

(45) 25/10/2015

(11) 27272

(51)	(1) Int. Cl. 8 E21B 43/04, 43/08, 34/10, 34/12, 34/14, 21/10		
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2. 3.		
(72)	 CLEM, Nicholas, J CORONADO, Martin, P KITZMAN, Jeffery, D 	4. EDWARDS, Jeffry, S	
(73)	1. 2.		
(30)	1. (US) 12/562,872 - 18-09-2009 2. (PCT/US2010/046583) - 25-08-2010 3.		
(74)	NAHED WADEA RIZK		
(12)	Patent		

(54) A WELL TREATMENT METHOD FOR SQUEEZING AND GRAVEL PACKING

Patent Period Started From 25/08/2010 and Will end on 24/08/2030

(57) A fracturing and gravel packing tool has features that prevent well swabbing when the tool is picked up with respect to a set isolation packer. An upper or jet valve allows switching between the squeeze and circulation positions without risk of closing the wash pipe valve. The wash pipe valve can only be closed with multiple movements in opposed direction that occur after a predetermined force is held for a finite time to allow movement that arms the wash pipe valve. The jet valve can prevent fluid loss to the formation when being set down whether the crossover tool is supported on the packer or on the smart collate.

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Egyptian Patent Office



PCT

(22) 09/12/2012

(21) 2032/2012

(44) June 2015

(45) 25/10/2015

(11) |27273

(51)	Int. Cl. 8 C07C 51/42, 55/14, 57/145 & C12P 7/46
(71)	 THYSSENKRUPP UHDE GMBH (GERMANY) 3.
(72)	 TIETZ, Wolfgang SCHULZE, Joachim "TIETZ, Wolfgang
(73)	1. 2.
(30)	1. (DE) 102010 025 167.425 – 25-06-2010 2. (PCT/EP2011/002686) – 31-05-2011 3.
(74)	NAHED WADEH REZK
(12)	Patent

(54) PROCESS FOR REMOVING, ISOLATING AND PURIFYING DICARBOXYLIC ACIDS

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

- (57) A process for removing, isolating and purifying dicarboxylic acid from fermentation broths, which comprises the following steps:
 - a) removal of the biomass and any solids present from the fermentation broth in two successive stages,
 - b) removal of the dicarboxylic acid solution from the biomass-free fermentation broth by simulated moving bed (SMB) chromatography,
 - c) Fine purification of the dicarboxylic acid solution,
 - d) multistage evaporative concentration and crystallization,
 - e) Separation and drying of the crystals.

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

Egyptian Patent Office



PCT

- (22) 11/09/2013
- (21) 1423/2013
- (44) June 2015
- (45) 25/10/2015
- (11) 27274

	(51)	Int. Cl. 8 A24D 1/08		
(71) 1. ABISDID, Marlène (FRANCE) 2. ABISDID, Charlotte (FRANCE) 3. ARAGONES, Isidore (FRANCE) 4. ARAGONES, Rosalie (FRANCE) 5. PENHAYOUN, Loggyes (FRANCE)				
L		6. ETIENNE Lacroix Tous Artifices (FRANCE)		
	(72)	 ABISDID, Marlène ABISDID, Charli MEDUS, Dominique 	4. THEBAULT, Pierre	
	(73) 1. 2.			
	(30)	(30) 1. (FR) 1152205 - 17-03-2011 2. (PCT/FR2012/050533) - 14-03-2012 3. (74) NAHED WADEA REZK (12) Patent		
L	(74)			
ı	$\overline{(12)}$			

(54) CIGARETTE PROVIDED WITH A SELF-LIGHTING DEVICE Patent Period Started From 14/03/2012 and Will end on 13/03/2032

(57) The invention relates to a cigarette provided with a self-lighting device comprising: a primary chemical material placed at the lighting end of the cigarette, and a secondary chemical material that is incompatible with the primary material, said primary and secondary materials being inflammable when they are in contact with each other. The secondary material is contained in a receptacle initially arranged at one of the ends of the cigarette, in an arrangement preventing said secondary material and said primary material from coming into contact, and said receptacle is removable and configured in such a way as to be positioned against the end to be lit, in an arrangement enabling the secondary material to be brought into contact with the primary material, the receptacle being initially fixed to the end opposing the end to be lit.

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





PCT

(22) 08/05/2013

(21) |0783/2013

(44) June 2015

(45) 25/10/2015

(11) 27275

(51)	Int. Cl. 8 G01V 8/10
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	 CHEN, Jianfeng YANG XUDONG THIGPEN, Brian L. CHILDERS BROOKS A
(73)	1. 2.
(30)	1. (US) 12/960.140 - 03-12-2010 2. (PCT/US2011/059130) - 03-11-2011 3.
(74)	NAHED WADE REZK
(12)	Patent

(54)INTERPRETATION OF REAL TIME COMPACTION MONITORING DATA INTO TUBULAR DEFORMATION PARAMETERS AND 3D GEOMETRY

Patent Period Started From 03/11/2011 and Will end on 02/11/2031

A method, apparatus and computer-readable medium for determining a deformation strain distribution of a member corresponding to a selected deformation mode is disclosed. Strain measurements are obtained at a plurality of sensors, wherein each strain measurement is related to a strain at a location of the member. A component of the strain related to a selected deformation mode for the obtained strain measurements is determined and a principal strain component and a secondary strain component for each of the determined components of the strain is determined. The determined principal strain component and secondary strain component are mapped to a surface of the member to determine the deformation strain distribution.

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





PCT

(22) 25/05/2013

(21) 0865/2013

(44) June 2015

(45) 25/10/2015

(11) 27276

(51)	Int. Cl. 8 C03C 17/34
(71)	1. SAINT-GOBAIN GLASS FRANCE (FRANCE) 2. 3.
(72)	 CLABAU, Frederic GUILLEMOT, Francois 3.
(73)	1. 2.
(30)	1. (FR) 1059825 - 29-11-2010 2. (PCT/FR2011/052722) - 22-11-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) ANTICORROSIVE AND ANTIFOULING GLASS SUBSTRATE FOR USE IN A WET ATMOSPHERE

Patent Period Started From 22/11/2011 and Will end on 21/11/2031

(57) The invention relates to a glass substrate for use in a wet atmosphere, said substrate being coated with a stack including, in order of increasing distance from the substrate: a layer of nitride or silicon oxynitride having a thickness of between 10 and 90 nm; and a layer of silica having a thickness of between 10 and 65 nm and a surface exposed to the ambient air. The invention also relates to the method for preparing such a substrate and to the use and application thereof.

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Egyptian Patent Office



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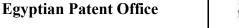
- (22) 18/02/2013
- (21) 0268/2013
- (44) June 2015
- (45) 25/10/2015
- (11) 27277

(51)	Int. Cl. ⁸ A23F 3/14	
(71)	1. UNILEVER PLC (UNITED KINGDOM) 2. 3.	
(72)	 BHOSLE, Balaji Marotrao GANGAPPA, Rajashekhar JAGANATHAN, Sridharan 	4. MATHUR, Sandeep 5. VIRKAR, Prakash Dattatraya
(73)	1. 2.	
(30)	1. IN) 2368/MUM/2010 - 25-08-2010 2. (EP) 10187611.8 - 14-10-2010 3. (PCT/EP2011/062632) - 22-07-2011	
(74)	NAHED WADEAP REZK	
(12)	Patent	

(54) A PROCESS FOR PREPARING A TEA PRODUCT Patent Period Started From 22/07/2011 and Will end on 21/07/2031

The present invention relates to a process for preparation of a tea product. The process for preparing a tea product comprises the steps of: a. Adding an aqueous solution or dispersion of a substance selected from the group consisting of sugars, starches or vegetable gums, chicory extract or enzymes or a mixture thereof to black leaf tea to obtain a mixture, and; b. Drying the mixture to a moisture content of less than 10% by weight to obtain a tea product, characterized in that the surface reflectance of the black leaf tea measured with amber tristimulus filter under D65 illuminant is greater than 12%.

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





PCT

(22) 26/12/2011

(21) 2160/2011

(44) May 2015

(45) 25/10/2015

(11) 27278

(51)	Int. Cl. ⁸ B01J 12/00, 19/00, 19/24
(71)	1. THYSSENKRUPP UHDE GMBH (GERMANY) 2.
	3.
(72)	1. SCHIRRMEISTER, Steffen
	2. SCHMITZ-NIEDERAU, Martin
	3. KLUPPEL, Ingo
	4. FILTHAUT, Christoph
(73)	1.
,	2.
(30)	1. (DE) 10 2009 031 305.2 – 30-06-2009
	2. (PCT/EP2009/003770) – 23-06-2010
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) CATALYST-COATED SUPPORT, METHOD FOR THE PRODUCTION THEREOF, A REACTOR EQUIPPED THEREWITH, AND USE THEREOF

Patent Period Started From 23/06/2010 and Will end on 22/06/2030

(57) The invention relates to a catalyst-coated support containing a planar support, a primer layer composed of nanoparticles made of material containing silicon oxide, which primer layer is applied to the planar support, and at least one catalyst layer applied to the primer layer. The applied layers are characterized by an exceptionally good tensile adhesive strength and can be used exceptionally well in heterogeneously catalyzed gas-phase reactions, in particular in microreactors.

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





PCT

(22) 12/12/2010

(21) 2102/2010

(44) June 2015

(45) 25/10/2015

(11) | 27279

(51)	Int. Cl. 8 C25C 3/20
(71)	1. RIO TINTO ALCAN INTERNATIONAL LIMITED (CANADA)
	3.
(72)	 FARDEAU, SYLVAIN SULMONT, BENOÎT
	3.
(73)	1.
(30)	1. (EP) EP08356087.0 - 16-06-2008
(30)	2. (PCT/EP2009/004124) - 05-06-2009
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD OF PRODUCING ALUMINIUM IN AN ELECTROLYSIS CELL Patent Period Started From 05/06/2009 and Will end on 04/06/2029

(57) The invention relates to a method of producing aluminium in an electrolysis cell, which includes setting up a succession of control periods of duration T, identifying perturbative tending operations on the cell that can introduce superfluous alumina in the electrolytic bath, noting the performance of the perturbative tending operations, determining a regulation feed rate B(k') for each control period k' and setting a specified feed rate SR(k') equal to M(k') x B(k'), where M(k') is a predetermined modulation factor that modulates the regulation feed rate B(k') so as to take into account a reduction of the needs of the cell induced by the superfluous alumina. The method of the invention makes it possible to significantly reduce the rate of occurrence of anode effects.

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



PCT

(22) 13/12/2006

(21) PCT/NA 2006/1203

(44) May 2015

(45) 25/10/2015

(11) 27280

(51)	Int. Cl. 8 C01C 1/04 & C01B 3/02, 3/56
(71)	1. AMMONIA CASALE S.A. (SWITZERLAND) 2. 3.
(72)	1. FILIPPI, Ermanno 2. 3.
(73)	1. 2.
(30)	1. (EP) 04014345.5 - 18-06-2004 2. (PCT/EP2005/006255) - 10-06-2005 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PROCESS FOR AMMONIA PRODUCTION FROM NATURAL GAS

Patent Period Started From 10/06/2005 and Will end on 09/06/2025

(57) Process for producing ammonia on the basis of a mixture essentially comprising nitrogen and hydrogen obtained from natural gas, where said natural gas is subjected to a partial oxidation reaction with an oxygen rich gas in presence of steam obtaining a cruds synthesis gas comprising hydrogen and carbon monoxide, said crude synthesis gas being treated in at least one catalytic reaction step (shift) to convert part of the carbon monoxide into carbon dioxide obtaining a converted synthesis gas comprising hydrogen, carbon dioxide and carbon monoxide said converted synthesis gas being subjected to at least one decarbonation step to at least partially remove the carbon dioxide and to at least one purification step to at least partially remove the carbon monoxide characterized in that said oxygen-rich gas has at least 50% of oxygen and in that for said at least one purification step at least one molecular sieve of the TSA (temperature swing adsorption) type is used.

Arab Republic of Egypt Ministry of State for Scientific Research

Academy of Scientific Research & Technology





PCT

(22) 21/03/2013

(21) |0472/2013

(44) June 2015

(45) 25/10/2015

(11) 27281

(51)	Int. Cl. 8 E05B 19/04, 27/10
(71)	1. WINLOC AG (SWITZERLAND) 2. 3.
(72)	1. WIDÉN, Bo 2. 3.
(73)	1. 2.
(30)	1. (US) 12/889,150 - 23-09-2010 2. (PCT/SE2011/051133) - 21-09-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)LOCK AND KEY WITH DOUBLE CODE PATTERN Patent Period Started From 21/09/2011 and Will end on 21/09/2031

The invention relates to a lock and key combination including a cylinder lock with a rota table key plug having a key slot for receiving a flat key blade on a key, and at least two side locking tumblers which are guided in associated chambers in the key plug and have transverse fingers projecting into the key slot. There is a code pattern in a side recess of the key blade comprising at least two separate code surfaces formed on at least one side surface of the key, including a primary code surface located in an external portion of the side recess and adjoining said one side surface, and a secondary code surface being defined in a groove forming a deeper portion of the side recess. The primary and secondary code surfaces engage with first and second fingers on associated side locking tumblers. Master key systems can be designed by using such locks and keys.

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





PCT

(22) 29/11/2012

(21) 1982/2012

(44) April 2015

(45) 25/10/2015

(11) 27282

(51)	Int. Cl. ⁸ F24J 2/52
(71)	1. CONSTRUCTIONS INDUSTRIELLES DE LA MEDITERRANEE – CNIM (FRANCE) 2. 3.
(72)	 LEHAUT, Christophe LIOTARD, Cindy PILUSO, Philippe
(73)	1. 2.
(30)	1. (FR) 1002335 - 02-06-2010 2. (PCT/FR2011/051235) - 31-05-2011 3.
(74)	SMAS for I.P. COMPANY
(12)	Patent

(54) BOX-SHAPED DEVICE FOR HOLDING AT LEAST ONE MIRROR TO REFECT SOLAR ENERGY

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

(57) The present invention relates to a box- shaped device for holding at least one mirror to reflect solar energy.

The device according to the invention is characterized in that it assumes the for of a box comprising two parallel end walls formed by two sheet metal plates, two parallel side beams respectively integral with the two end walls and formed by two sheet metal plates, a front wall intended to hold the mirror, fastened on the edges of a same side of the end walls and the beams and formed by a corrugated sheet metal plate and a dorsal wall fastened on the edges of the side opposite the end walls and the beams and formed by a corrugated sheet metal plate, the corrugations of these two sheets being longitudinal parallel to the beams.

The invention is applicable to the field of concentrating solar facilities.

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

Egyptian Patent Office



PCT

(22) 12/12/2010

(21) 2095/2010

(44) April 2015

(45) 25/10/2015

(11) 27283

(51)	Int. Cl. ⁸ C07C 1/20. 4/06 & B01J 29/40. 37/	28	
(71)	1. TOTAL PETROCHEMICALS RESEARCH FELUY (BELGIUM) 2. 3.		
(72)	1. NESTERENKO, Nikolai 2. VERMEIREN, Walter 3. GRASSO, Giacomo	4. VAN DONK, Sander 5. GARCIA, Wolfgang	
(73)	1. 2.		
(30)	1. (EP) 09154233.2 - 03-03-2009 2. (EP) 09154232.4 - 03-03-2009 3. (EP) 08158924.4 - 25-06-2008 4. (PCT/EP2009/057888) - 24-06-2009		
(74)	SMAS FOR I.P. COMPANY		
(12)	Patent		

(54) PROCESS TO MAKE OLEFINS FROM ORGANICS Patent Period Started From 24/06/2009 and Will end on 23/06/2029

The present invention relates to a process to make light olefins, in a combined XTO-OC process, from an oxygen-containing, halogenide-containing or sulphur-containing organic feedstock comprising: a0) providing a first portion and a second portion of oxygen-containing, halogenide-containing or sulphur-containing feedstock, a) providing a catalyst comprising zeolitic molecular sieves containing at least 10 membered ring pore openings or larger in their microporous structure, b) providing an XTO reaction zone, an OC reaction zone and a catalyst regeneration zone, said catalyst circulating in the three zones, such that at least a portion of the regenerated catalyst is passed to the OC reaction zone, at least a portion of the catalyst in the OC reaction zone is passed to the XTO reaction zone and at least a portion of the catalyst in the XTO reaction zone is passed to the regeneration zone;c) contacting the first portion of said oxygen-containing, halogenide- containing or sulphur-containing organic feedstock in the XTO reactor with the catalyst at conditions effective to convert at least a portion of the feedstock to form a XTO reactor effluent comprising light olefins and a heavy hydrocarbon fraction; d) separating said light olefins from said heavy hydrocarbon fraction; e) contacting said heavy hydrocarbon fraction and the second portion of said oxygen-containing, halogenide-containing or sulphur-containing organic feedstock in the OC reactor with the catalyst at conditions effective to convert at least a portion of said heavy hydrocarbon fraction and oxygen-containing, halogenide-containing or sulphur-containing organic feedstock to light olefins.

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





PCT

(22) 25/07/2012

(21) | 1304/2012

(44) June 2015

(45) 27/10/2015

(11) 27284

(51)	Int. Cl. 8 A01K 11/00
(71)	1. TAGAM LIMITED (NEW ZEALAND) 2. 3.
(72)	 BLADEN, Roy Victor GARDNER, Michael Stuart 3.
(73)	1. 2.
(30)	1. (NZ) 582984 - 27-01-2010 2. (PCT/NZ2011/000005) - 26-01-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	UTILITY MODEL

(54) ANIMAL TAG APPLICATOR Patent Period Started From 26/01/2011 and Will end on 25/01/2018

(57) An applicator has handles which on closing together will engage an animal tag with the animal's ear but at which time a control member will engage with a linkage to trip the linkage into a jaw-open position. Once the handles have been released the linkage will again be returned to its normal position primarily under the bias of a spring.

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GRANTED PATENTS' ABSTRACTS GAZETTE "PATENT ISSUED NOVEBER IN 2015"

Egyptian Patent Office

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(PATENT No. 27317)	(34)
(PATENT No. 27318)	(35)
(PATENT No. 27319)	(36)

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(PATENT No. 27342)	(59)
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(PATENT No. 27346)	(63)
(PATENT No. 27347)	(64)
(PATENT No. 27348)	(65)
(PATENT No. 27349)	(66)
(PATENT No. 27350)	(67)
(PATENT No. 27351)	(68)

Preface

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

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

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

Acting President of Patent Office

Mr. Adel El-Saeid Oweide

رموز البيانات الببليوجرافية

الرمز	البيان الببليوجرافي
11	رقم البراءة
12	نوع البراءة
21	رقم الطلب
22	تاريخ تقديم الطلب
30	الأسبقيات (دولة الأسبقية - رقم الأسبقية - تاريخ الأسبقية)
44	تاريخ القبول
45	تاريخ صدور البراءة
51	التصنيف الدولى للبراءات
54	تسمية الاختراع ومدة الحماية
57	الوصف المختصر للاختراع
71	اسم طالب البراءة
72	اسم المخترع
73	اسم الممنوح له البراءة (في حالة التنازل للغير)
74	اسم الوكيل

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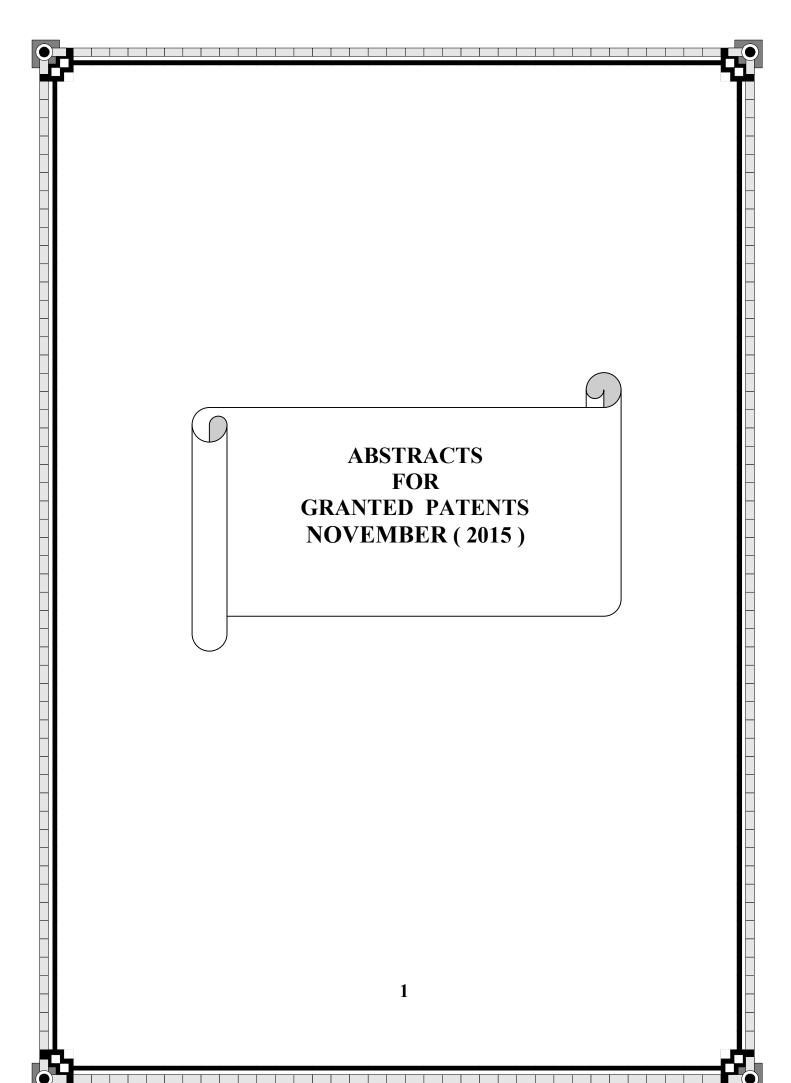
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KZ	Kozakhstan
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UZ	Uzbekistan
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YD	Yemen
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe



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





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(22) 23/03/2011

(21) 0451/2011

(44) July 2015

(45) 01/11/2015

(11) 27285

(51)	Int. Cl. ⁸ C02F 1/28, 1/50, 9/00
(71)	1. UNILEVER PLC (UNITED KIGDOM)
	3.
(72)	1. CHATTERJEE, Jaideep
	2. GUPTA, Santosh, Kumar
	3. RAMACHANDRAN, Rajeeshkumar
(73)	1.
	2.
(30)	1. (US) 2027/MUM/2008 – 23-09-2008
, ,	2. (PCT/US2010/044573) – 05/08/2010
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) WATER PURIFICATION DEVICE Patent Period Started From 05/08/2010 and Will end on 04/08/2030

(57) The present invention relates to a gravity fed water purification device comprising a biocide unit, a reservoir separated by a wall fromand positioned adjacently to a scavenger comprising a media capable of scavenging said biocide or byproducts thereof from water and a dispensing chamber interconnected to define a flow path where the biocide is added by the biocide unit to the waterin the reservoir which flows over the wall into the scavenger and through an outlet to the dispensing chamber, and, the outlet is positioned such that at least 10% by weight of said media is below the lowest level of the outlet, and the wall extends above the highest level of the media and above the lowest level of the outlet.

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





PCT

(22) 13/02/2012

(21) 0238/2012

(44) July 2015

(45) 01/11/2015

(11) 27286

(51)	Int. Cl. 8 E21B 43/04
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	 MARTIN, Carl, S STOESZ, Carl, W
(73)	1. 2.
(30)	1. (US) 12/543,634 - 19-08-2009 2. (PCT/US2010/044573) 05-08-2010 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) FIBER OPTIC GRAVEL DISTRIBUTION POSITION SENSOR SYSTEM

Patent Period Started From 05/08/2010 and Will end on 04/08/2030

(57) The well condition during gravel packing is monitored and the gravel distribution condition is sent to the surface in real time through the preferred technique of a fiber optic line that wraps around the screens directly or indirectly on a surrounding tube around the screens. The fiber optic line has a breakaway connection that severs when the completion inner string is removed. A production string can then be run in to tag the fiber optic line through a wet connect to continue monitoring well conditions in the production phase. The fiber optic line can also be coiled above the packer so that relative movement of the inner string to the set packer can be detected and communicated to the surface in real time so as to know that the crossover has been moved the proper distance to, for example, get it from the gravel packing position to the reverse out position.

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





PCT

(22) 14/10/2012

(21) 1754/2012

(44) July 2015

(45) 01/11/2015

(11) 27287

(51)	Int. Cl. ⁸ E21B 43/08 & C08G 18/28 & C08L 75/04 & E21B 33/12
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	2.
	3.
(72)	1. JOHNSON, Michael
	2. MAZYAR, Oleg, A
	3.
(73)	1.
(-)	2.
(30)	1. (US) 12/763,363 – 20-04-2010
	2. (PCT/US2011/031231) – 05-04-2011
	3.
(74)	NAHED WADE REZK
(12)	Patent

(54) PREVENTION, ACTUATION AND CONTROL OF DEPLOYMENT OF MEMORY-SHAPE POLYMER FOAM-BASED EXPANDABLES

Patent Period Started From 05/04/2011 and Will end on 04/04/2031

(57) Actuation and control of the deployment of a polymeric memory-shape material on a wellbore device on a downhole tool may be accomplished by treating a compacted or compressed polymeric memory-shape material with a deployment fluid to lower its Tg and/or decrease its rigidity, thereby softening the polymeric shape-memory material at a given temperature and triggering its expansion or recovery at a lower temperature. Alternatively, the deployment of the compacted or compressed polymeric memory-shape material may be prevented or inhibited by shielding the material with an environment of a fluid that does not substantially lower its Tg, decrease its rigidity or both, and then subsequently contacting the material with a deployment fluid.

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





PCT

(22) 12/04/2012

(21) 0692/2012

(44) July 2015

(45) 01/11/2015

(11) |27288

(51)	Int. Cl. 8 B22D 41/22, 41/50
(71)	1. VESUVIUS GROUP S.A (BELGIUM) 2. 3.
(72)	 SIBIET, Fabrice 3.
(73)	1. 2.
(30)	1. (EP) 09173696.7 - 21-10-2009 2. (PCT/EP2010/006410) - 20-10-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) POURING NOZZLE AND ASSEMBLY OF SUCH A POURING NOZZLE WITH AN INNER NOZZLE

Patent Period Started From 20/10/2010 and Will end on 19/10/2030

The invention relates to a pouring nozzle comprising at its upstream end a generally rectangular shaped plate with a top surface and a bottom surface. The nozzle also comprises a tube the axis of which is substantially orthogonal to the top surface of the plate. The tube extends from the bottom surface of the plate to the downstream end of the nozzle. The nozzle comprises a pouring channel consisting of the inlet orifice formed through the surface of the plate, a bore in the plate, a bore in the tube; the downstream end of the tube is closed and the pouring channel emerges close to the downstream end through outlets formed in the lateral walls of the tube. The orifice of the plate, the bores of the plate and of the tube and the outlets being in fluid connection. The outlets are disposed symmetrically on either side of the axis of the tube. The centres of the outlets on either side of the axis define an axis of the outlets substantially orthogonal to the axis of the tube. The axis of the outlets is substantially parallel to a pair of sides of the plate. The orifice is oblong and has a major axis and a minor axis. The minor axis of the orifice is parallel to the axis of the outlets. According to another of its objects, the present invention also relates to an assembly of such a nozzle with an inner nozzle. This nozzle as well as its assembly with an inner nozzle are used for the continuous casting of steel from a tundish towards a continuous casting mould.

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



PCT

(22) 01/01/2014

(21) 0002/2014

(44) May 2015

(45) 02/11/2015

(11) 27289

((51)	Int. Cl. 8 A61F 13/15, 13/49	
((71)	1. UNICHARM CORPORATION (JAPAN) 2. 3.	
((72)	 MIYAKI, Masanobu TAKAHASHI, Kazuhiko WATANABE, Tomohiro 	
((73)	1. 2.	
((30)	1. (JP) 2011-147780 - 01-07-2011 2. (PCT/JP2012/066747) -29- 06-2012 3.	
((74)	SAMAR AHMED EL LABBAD	
	(12)	Patent	

(54) METHOD FOR DISCHARGING ABSORPTIVE ARTICLE Patent Period Started From 29/06/2012 and Will end on 28/06/2032

(57) Provided is a method for discharging absorptive articles, the method being capable of improving the yield rate by reliably discharging only an absorptive article including a joint. This method for discharging an absorptive article (PD) includes: a step for providing a joint (P1) at which the trailing edge of a continuous web (WB) being used and the leading edge of the next continuous web (WB) are joined together; a step which, on the basis of the length of the continuous web (WB) from the joint (P1) to a cut position (P2) and also on the basis of the dimension (L1) of absorptive articles (PD) in the machine direction (MD) of the continuous web (WB), controls the timing of supply of the continuous web (WB) so that the joint (P1) is located at the center of an absorptive article (PD); and a step for separating only the absorptive article (PD) including the joint (P1) from a manufacturing line (10) and discharging the absorptive article (PD) in the middle of the manufacturing line (10).

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





PCT

(22) 27/02/2012

(21) 0341/2012

(44) July 2015-12

(45) 03/11/2015

(11) 27290

(51)	Int. Cl. 8 C03C 17/34, 17/36			
(71)	1. SAINT-GOBAIN GLASS FRANCE (FRANCE) 2. 3.			
(72)	1. DURANDEAU, Anne 2. KHARCHENKO, Andriy 3. MAUVERNAY, Bruno 4. THOLLAS, Emilie 5. SANDRE-CHARDONNAL, Etienne 6. GILLET, PIERRE ALAIN 7. BILLERT, Ulrich			
(73)	1. 2.			
(30)	1. (FR) 0956096 - 08-09-2009 2. (PCT/FR2010/051852) - 07-09-2010 3.			
(74)	NAHED WADE REZK			
(12)	Patent			

(54) MATERIAL AND GLAZING COMPRISING SAID MATERIAL Patent Period Started From 07/09/2010 and Will end on 06/09/2030

(57) The invention relates to a material comprising a glass substrate coated on at least one of its faces by a stack of thin layers comprising, from the substrate outwards, at least one lower dielectric layer, at least one functional layer of metal or metallic nitride, at least one upper dielectric layer, and at least one titanium oxide layer at least partially crystallised in an anatase form, said metal or metallic nitride being based on Nb, NbN, W, WN, Ta, TaN or any one of their alloys or solid solutions thereof.

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



- (22) 23/01/2011
- (21) 0144/2011
- (44) July 2015-12
- (45) 01/11/2015
- (11) 27291

(51)	Int. Cl. 8 C05D 9/00 & C05G 1/00
(71)	1. RAWYA LOTFY MANSOUR (EGYPT)
	2. 3.
(72)	1. RAWYA LOTFY MANSOUR
	2. 3.
(73)	1.
	 2.
(30)	1.
	12.
	3.
(74)	
(12)	Patent

(54) BIO SUPER VEGETABLE GARDENS (BSVG) Patent Period Started From 23/01/2011 and Will end on 22/01/2031

(57) The Objective of this invention Bio Super Vegetable Gardens is to obtain the highest bio-productivity of some cash vegetables crops per unit area by planting them utilizing a friendly environment technology through the addition of organic waste to the soil e.g. plant wastes (rice straw and compost) and animal wastes (chicken manure) Bentonite or Biochar Mixture of natural minerals bio-polymers and efficient micro-organisms (EM). Thus improving its chemical physical and biological soil properties and hence increasing its productivity. Furthermore the soil is surrounded with plastic sheet to kep essential nutrients and water from leakage. After that, the Gardens are cultivated with 4 rotation cycle by different kinds of vegetables. This technology yields a 40% higher output and saving 60% of irrigation water, compared to traditional untreated soils.

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





PCT

(22) 24/05/2011

(21) 0820/2011

(44) June 2015

(45) 03/11/2015

(11) 27292

(51)	Int. Cl. ⁸ B65D 83/04	
(71)	1. BAYER SCHERING PHARMA AKTIENGESELLSCHAFT (GERMANY) 2. 3.	
(72)	 LEIFELD, Sabine REINHOLD, Tom FILLER, Sven 	4. KARLA, Uwe
(73)	1. 2.	
(30)	1. (EP) 10 2008 059 673.6 - 26-11-2008 2. (PCT/EP2009/008125) - 14-11-2009 3.	
(74)	SHADY FAROUK MOBARK	
(12)	Patent	

(54) CARTRIDGE, A PHARMACEUTICAL DISPENSER CONTAINING SAID CARTRIDGE AND APPLICATIONS OF SAID CARTRIDGE AND SAID PHARMACEUTICAL DISPENSER

Patent Period Started From 14/11/2009 and Will end on 13/11/2029

(57) The invention relates to the safe storage and simple and safe taking of tablets T by a user by means of a cartridge 900 that can be used in a pharmaceutical dispenser 1 for solid pharmaceutical portions T and that is designed having a storage space for accommodating the pharmaceutical portions T, and by means of a pharmaceutical dispenser 1 containing this cartridge 900. According to the invention, the cartridge 900 comprises a transport safeguard for preventing movement of the pharmaceutical portions T during storage and transport of the cartridge 900. This transport safeguard is particularly a tolerance equalization stopper 970, seated frictionally in the storage space and movable in the axial direction. Furthermore, a tablet slider 960, movable in the axial direction in the storage space and engaging through at least one axial slot in the cartridge 900, is contained in the cartridge 900, said slider serving to transfer an axial force onto the pharmaceutical portions (T) in the cartridge and thus to hold down a columnar arrangement of pharmaceutical portions (T).

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

Egyptian Patent Office



PCT

(22) 29/06/2009

(21) 1016/2009

(44) July 2015-12

(45) 03/11/2015

(11) 27293

(51)	Int. Cl. 8 G01V 1/20
(71)	1. PGS GEOPHYSICAL AS (NORWAY) 2. 3.
(72)	 TENGHAMN, Stig Rune, Lennart BORRESEN, Claes, Nicolai; 3.
(73)	1. 2.
(30)	1. (US) 11/786,115 - 11-04-2007 2. (PCT/US2008/004623) - 10-04-2008 3.
(74)	MOHAMAD KAMEL MOSTAFFA
(12)	Patent

(54) SYSTEM AND METHOD FOR MARINE SEISMIC SURVEYING-SYSTEME ET PROCEDE POUR LA SURVEILLANCE SISMIQUE DES FONDS MARINS

Patent Period Started From 10/04/2008 and Will end on 09/04/2028

(57) A system for marine seismic surveying comprises at least one marine seismic streamer; at least one pressure sensor mounted in the at least one marine seismic streamer; at least one particle motion sensor mounted in the at least one marine seismic streamer and collocated with the at least one pressure sensor, wherein the at least one particle motion sensor has a resonance frequency above 20 Hz; and computer means for combining pressure data from the at least one pressure sensor and particle motion data from the at least one particle motion sensor for further processing.

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





PCT

(22) 05/02/2013

(21) |0189/2013

(44) June 2015-12

(45) 03/11/2015

(11) 27294

(51)	Int. Cl. ⁸ G01V 1/36
(71)	1. PGS GEOPHYSICAL AS (NORWAY)
	3.
(72)	1. GREGORY, Ernest Parkes
	2. STIAN, Hegna 3.
(73)	1.
(30)	1. (US) 13/367.787 – 07-02-2012
(00)	2.
(= A)	J.
(74)	MOHAMED KAMEL MOSTAFA
(12)	Patent

(54) METHOD AND SYSTEM FOR DETERMINING SOURCE SIGNATURES AFTER SOURCE GHOST REMOVAL

Patent Period Started From 05/02/2013 and Will end on 04/02/2033

(57) Seismic data are acquired using a seismic source comprising a plurality of seismic sub-sources disposed in a body of water at a plurality of depths and activated with different time delays. Far-field signatures are determined for the plurality of seismic sub-sources at each of the plurality of depths. A composite ghost-free far-field signature of the seismic source is determined from the far-field signatures for the plurality of seismic subsources at each of the plurality of depths and different time delays. A source response is removed from the seismic data using the far-field signatures of the seismic source.

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





PCT

(22) 26/06/2011

(21) 1102/2011

(44) April 2015

(45) 03/11/2015

(11) 27295

(51)	Int. Cl. ⁸ G01V 1/38
(71)	1. PGS GEOPHYSICAL AS (NORWAY) 2. 3.
(72)	 GREGORY, Ernest Parkes STIAN, Hegna .
(73)	1. 2.
(30)	1. (US) 12/803.730 - 02-07-2010 2. 3.
(74)	MOHAMAD KAMEL MOSTAFFA
(12)	Patent

(54) METHODS FOR GATHERING MARINE GEOPHYSICAL DATA Patent Period Started From 26/06/2011 and Will end on 25/06/2031

(57) In a first embodiment the invention comprises a method for gathering geophysical data, including towing geophysical data gathering equipment behind a survey vessel in a body of water, said equipment including an array of sensor streamers extending behind said vessel, and determining a geodetic location of a streamer steering reference point at a forward end of the sensor streamers and a reference direction. At least one sensor streamer included in said array of sensor streamers is laterally deflected in response to the determined geodetic location of said streamer steering reference point and the determined reference direction.

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



(22) 23/05/2010

(21) 0840/2010

(44) July 2015-12

(45) 04/11/2015

(11) 27296

(51)	Int. Cl. ⁸ C04B 35/00
(71)	1. HEBAA ELRAHMAN AHMED HAFEEZ (EGYPT)
	2.
	3.
(72)	1. HEBAA ELRAHMAN AHMED HAFEEZ
	2.
	3.
(73)	1.
	2.
(30)	1.
	2.
	3.
(74)	
(12)	Patent

(54) AUTOMATIC UNIT FOR MANUFACTURING OF SANDWICH PANEL COMPOSITES

Patent Period Started From 23/05/2010 and Will end on 22/04/2030

(57) Automatic Unit for manufacturing of sandwich panel composites, The Unit fabricate large size products and complicated shapes. The unit control feeding rate, setting rate and thickness of the manufactured layers. The Unit deals with liquid polymers and metals and control its manufacturing conditions and setting rate. The unit deals with different types of reinforcement such as long fibers, woven roven, and micro additives regardless of its type, size, density, synthetic or natural base.

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

Egyptian Patent Office



- (22) 15/12/2011
- (21) 2104/2011
- (44) July 2015-12
- (45) 04/11/2015
- (11) 27297

(51)	Int. Cl. 8 B28B 1/26, 1/00
(71)	1. HEBAA ELRAHMAN AHMED HAFEEZ (EGYPT)
	2. 3.
(72)	1. HEBAA ELRAHMAN AHMED HAFEEZ
	12.
	3.
	J.
(73)	1.
	2.
(30)	1,
,	2.
	3.
(74)	
(12)	Patent

(54) CLAY TREATED MOLDS FOR ECONOMIC MANUFACTURING OF COMPOSITES

Patent Period Started From 15/12/2011 and Will end on 14/12/2031

(57) Mold from a mixture of clay and Ceramics materials with fine casting sands are made. Water is added gradually to obtain homogeneous and easy shaping dough, Metal or wood stamp is made to take the shape of final product, it is used as negative in clay molds before drying. Glazing and drying are done for the mold until the surface becomes smooth and appropriate for the cast. The internal surface of the mold is lubricated with organic substances and oils. The composite mixture is prepared and poured into the mold, after drying ceramic mold is broken and the final product extracted.

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





PCT

(22) 29/11/2011

(21) 2012/2011

(44) May 2015

(45) 04/11/2015

(11) 27298

(51)	Int. Cl. ⁸ C08L 3/00		
(71)	1. SCIENCE AND TECHNOLOGY DEVELOPMENT FUND (EGYPT) 2. 3.		
(72)	 Ahmed Ibrahim Waley Abdel-Azis El-Hady Omar Houssni El-Saied Mohammed Ali 	4. Kamilia Yousef El-Dewiny 5. Altaf Halim Basta Makkar	
(73)	1. 2.		
(30)	1. 2. 3.		
(74)	MARWA ALAA EL DIN MOHAMED ABDEL-MEGUID		
(12)	Patent		

(54) UPGRADING THE UTILIZATION OF RICE STRAW AS LOW COST MATERIAL FOR PRODUCTION OF HYDROGELS FOR AGRONOMIC APPLICATION

Patent Period Started From 29/11/2011 and Will end on 28/11/2031

This invention dealing with the use of an approach to capable use rice straw (RS), as available and undesirable agro-wastes for production of environmental and economic hydrogels required for reclamation of sandy soils. The required hydrogels were prepared on a Lab- and Pilot scales via graft copolymerization approached with acrylonitrile, by using an invented technique which reduces the environmental impact, resulting from loading of waste-water by non reacted monomer, to a minimum. The prepared hydrogels were characterized by using chemical analysis, IR- spectra and TGA analysis. As well as, the role of grafting approach and pH-value on affinity of the hydrogels produced to absorb water (distilled and Nile water) was evaluated. The results obtained show that, grafting of RS, using persulfate-persulfie initiation system, followed by alkali hydrolysis provide hydrogel with relatively higher absorption capacity towards both distilled and Nile water than using traditional Ferrous sulfate-H2O2 initiation system, as well as , nitric-phosphoric acid mixture was a promising acid used for neutralizeing the hydrogel produced, whereas the adsorption capacities at saturation in case of distilled and Nile water reached 3008 and 3128, respectively. Application this invented hydrogel (0.1, 0.2 %) in sandy soil, it success in decreasing the leachability of fertilizers during irrigation, due to improving the hydrophysical properties of soil, which leads also to increase the amount of water needed to plants, reached to 219 %, despite the maximum percentage obtained from using 10% clay and 5% organic fertilizer (conventional fertilizers) not exceeds 189 & 140 %, respectively

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





PCT

(22) 18/11/2007

(21) PCT/NA2007/001250

(44) July 2015-12

(45) 04/11/2015

(11) 27299

(51)	Int. Cl. 8 H04M 1/00 & H04B 1/16, 1/38			
(01)				
(71)	1. LOJACK OPERATION COMPANY LP.(UNITED STATES OF AMERICA)			
, ,	2.			
	3.			
(72)	1. ROMANO, Frank	6. CLETHEROE, Daniel,	10. STROUD, Ian,	
, ,	2. KRISHNA, Sampath	Jonathan, Finchley	Christopher	
	3. NGUYEN, Son	7. MARSDEN MARK	11. HOWE, Timothy, David	
	4. RHODES, Jesse	8. GREENDALE, Steven, Walter	12. SMITH, Gerard, Edward	
	5. CREWE, Philip, Grahame	9. WATSON, Nigel, James		
(73)	1.			
	2.			
(30)	1. (US) 11/131,847 – 18/05/2005			
()	2. (PCT/US2006/018963) – 17/05/2006			
	3.			
(74)	SAMAR AHMED EL LABBAD			
(12)	Patent			

(54) A VEHICLE LOCATING UNIT WITH IMPROVED POWER MANAGEMENT METHOD

Patent Period Started From 17/05/2006 and Will end on 16/05/2026

(57) A vehicle locating unit with improved power management. A receiver receives a signal from a network of communication sources. A signal strength monitoring subsystem determines which of the communication sources are transmitting the strongest signals. A power management subsystem is responsive to the signal strength monitoring subsystem and is configured to alternatively enter sleep and wake-up modes, synchronize the wake-up mode to the communication source transmitting the strongest signal, and test the signal strength of at least one additional communication source according to a predefined sequence.

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



EGYPT

PCT

(22) 27/01/2014

(21) 0121/2014

(44) July 2015-12

(45) 04/11/2015

(11) 27300

(5	51)	Int. Cl. ⁸ E21B 47/00
(7	71)	 LANDMARK GRAPHICS CORPORATION (UNITED STATES OF AMERICA) 3.
(7	72)	 ROSS, William, C. LANGENWALTER, Richard, J 3.
(7	73)	1. 2.
(3	30)	1. (PCT/US2011/045841) – 29-02-2011 2. 3.
(7	74)	SAMAR AHMED EL LABBAD
(1	2)	Patent

(54) METHOD AND SYSTEM OF CORRELATING A MEASURED LOG TO A PREDICTED LOG

Patent Period Started From 29/07/2011 and Will end on 28/07/2031

(57) Correlating a measured and predicted log. At least some illustrative embodiments are methods including: plotting values of the measured log with respect to an ordinate axis and an abscissa axis, and the plotting in a first pane; plotting values of the predicted log with respect to the ordinate axis and the abscissa axis; selecting an inflection point of the predicted log; shifting horizontal position of the inflection point relative to the measured log responsive to the pointing device; changing dip of at least one modeled surface in a structural model based the relative location of the inflection point; recalculating the predicted log based on the change in dip, the recalculating creates a modified predicted log; and then plotting the modified predicted log. In some cases, the method may also include adding a fixed X, Y, Z point in the at least one modeled surface based on location of the inflection point.

Ministry of State for Scientific Research Academy of Scientific Research & Technology **Egyptian Patent Office**



PCT

(22) 29/06/2009

(21) 1011/2009

(44) May 2015

(45) |04/11/2015

(11) 27301

(51)	Int. Cl. ⁸ F25B 25/00 & F04C 18/02, 29/04
(71)	1. MOHAMAD RAGA ABDEL HAFEZ MOHAMAD (EGYPT) 2. 3.
(72)	1. MOHAMAD RAGA ABDEL HAFEZ MOHAMAD 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

COMPRESSION REFRIGERATING SYSTEM OF ONE SPACE (54)AND MULTIPLE EVAPORATING TEMPERATURES

Patent Period Started From 29/06/2009 and Will end on 28/06/2029

The patent is a design of a single-space compression refrigerating system that allows shifting to different evaporating temperatures and avoids any disturbance or negative consequences to the system elements or the given compressor refrigeration capacity.

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



PCT

(22) 24/08/2011

(21) 1418/2011

(44) June 2015

(45) 08/11/2015

(11) 27302

(51)	Int. Cl. ⁸ B32B 27/32 & B65D 65/40	
(71)	 MITSUI CHEMICALS, INC. (JAPAN) OTSUKA PHARMACEUTICAL FACTORY, 3. 	INC. (JAPAN)
(72)	1. IGARASHI, Koichi	4. MORI, Toshifumi
	2. SAITO, Tetsuya	5. MORI, Hitoshi
	3. NAGATA, Yasushi	
(73)	1.	
. ,	2.	
(30)	1. (JP) 2009-044625 - 26-02-2009	
(5 5)	2. (JP) 2009-223116 - 28-09-2009	
	3. (JP) 2009-268514 - 26-11-2009	
	4. (PCT/JP2010/052767) – 23-02-2009	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) MULTILAYER FILM AND BAG FORMED OF THE FILM

Patent Period Started From 23/02/2009 and Will end on 22/02/2029

(57) Disclosed is a multilayer film wherein the outermost layer and the innermost layer are laminated with an intermediate layer interposed therebetween, said intermediate layer being configured of one to three layers. The multilayer film is characterized in that the intermediate layer is composed of 0-55% by weight of a linear polyethylene that has a density of 0.910-0.930 g/cm3, 5-15% by weight of a high-density polyethylene that has a density of 0.950-0.970 g/cm3, and 35-85% by weight of a linear polyethylene that is polymerized using a single site catalyst and has a density of 0.900-0.910 g/cm3. The multilayer film is also characterized in that the intermediate layer contains at least one layer that has a lower density than the outermost layer and the innermost layer, and that the outermost layer and the innermost layer are formed from a polyethylene or a mixture of two or more kinds of polyethylene.

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

Egyptian Patent Office



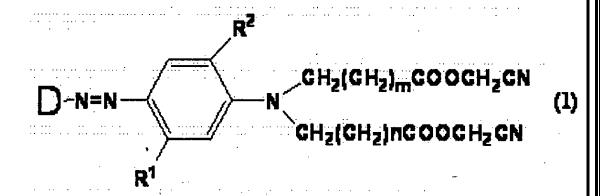
PCT

- (22) 21/02/2012
- (21) 1162/2012
- (44) July 2015
- (45) 08/11/2015
- (11) 27303

(51)	Int. Cl. 8 D06P 1/16
(71)	1. COLOURTEX INDUSTRIES LIMITED (INDIA) 2. 3.
(72)	 DESAI, Pankaj HIMENO, Kiyoshi DESAI, Nikhil
(73)	1. 2.
(30)	1. (IN) 2979/MUM/2009 - 23-12-2009 2. (PCT/IN2010/000850) - 23-12-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) DISPERSE AZO DYES Patent Period Started From 23/12/2010 and Will end on 22/12/2030

(57) Novel disperse azo dyes of formula (I), and processes for preparation thereof. These dyes possess superior washing fastness, sublimation fastness and light fastness.



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

Egyptian Patent Office



PCT

(22) 14/05/2013

(21) 0831/2013

(44) May 2015

(45) 08/11/2015

(11) 27304

(51)	Int. Cl. ⁸ C04B 7/32, 7/36
(71)	1. ITALCEMENTI S.P.A. (ITALY) 2. 3.
(72)	 MARCHI, Maurizio Iler ALLEVI, Stefano 3.
(73)	1. 2.
(30)	1. (IT) MI2010A002110 - 15-11-2010 2. (PCT/EP2011/070116) - 15/11/2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) HIGH PERFORMANCE SULFO-ALUMINOUS CLINKER

Patent Period Started From 15/11/2011 and Will end on 14/11/2031

(57) The invention relates to a sulfo-aluminous clinker with optimal setting time and short term compressive strengths, comprising a mixture of the following phases: - calcium sulfoaluminate, or C4A3\$, in amounts higher than 50 % by weight of the mixture, - belite, or C2S, in amounts between 2 and 23%, - 3C2S 3C\$ CaX2, X being fluorine or chlorine, between 3 and 15% - C11A7CaX2, X being fluorine or chlorine, between 2 and 12%, both fluorine and chlorine being altogether present in the mixture, and phase C5S2\$ being absent. The invention also relates to a method for preparing this sulfo-aluminous clinker, and hydraulic binders comprising this clinker.

Egyptian Patent Office



PCT

- (22) 09/07/2012
- (21) 1230/2012
- (44) March 2015
- (45) 08/11/2015
- (11) 27305

(51)	Int. Cl. ⁸ G01N 3/20
(71)	1. J RAY MCDERMOTT S.A. (UNITED STATES OF AMERICA) 2. 3.
(72)	 TAYLOR, Jr., Leland Harris SUSCHITZ, Luca .
(73)	1. 2.
(30)	1. (US) 13181690 - 13-07-2011 2. 3.
(74)	MAHMOUD RAGAEE DOKKI
(12)	Patent

(54) PIPE REEL LOAD SIMULATOR Patent Period Started From 09/07/2012 and Will end on 08/07/2032

(57) An arrangement of elements which are used to restrain and deflect a pipe specimen to a prescribed form with precisely controlled loads. A rigid frame includes a movable pipe bending form to which one end of a pipe specimen is connected and a rotating table to which the second end of the pipe specimen is connected. Means for assessing the drive torque used to draw the pipe specimen over the pipe bending form is provided in the form of a load cell. The rotating table is used in combination with a traveling pipe end truck foundation to generate a bending moment in the pipe specimen in the same plane as the pipe specimen is being bent by the pipe bending form. By the use of precise loads on the pipe specimen, computer analysis of the simulated reeling of the given pipe construction will produce predictions of the reeling tension, shear, and bending moment in the pipe at the point of the traveling pipe end as this point on the pipe approaches contact with the reel.

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

Egyptian Patent Office



PCT

(22) |20/10/2010

(21) 1763/2010

(44) July 2015

(45) 08/11/2015

(11) 27306

(51)	Int. Cl. 8 C21C 7/00 & C22C 35/00	
(71)	 NATIONAL CENTER OF COMPLEX PROC OF REPUBLIC OF KAZAKHSTAN RSE (KA 	
(72)	 NAZARBAEV, Nursultan Abishevich SHKOLNIK, Vladimir Sergeevich ZHARMENOV, Abdurassul Aldashevich 	4. TOLYMBEKOV, Manat Zhaksybergenovich 5. BAISANOV, Sailaubay Omarovich
(73)	1. 2.	
(30)	1. (KZ) 2008/0409.1 - 22-04-2008 2. (PCT/KZ2008/000004) - 18-09-2008 3.	
(74)	KHALED MAGDY MOKHTAR HAMADA	
(12)	Patent	

(54) KAZAKHSTANSKIY ALLOY "KAZAKHSTANSKI" FOR REDUCING AND DOPING STEEL

Patent Period Started From 18/09/2008 and Will end on 17/09/2028

The invention relates to ferrous metallurgy, in particular to producing an alloy for reducing, doping and modifying steel. Said invention makes it possible to improve the quality of the steel treated with the inventive alloy owing to the deep reduction and modification of non-metallic impurities and the simultaneous microalloying of steel with barium, titanium and vanadium. Barium, titanium and vanadium are added into the inventive alloy, which contains aluminium, silicium, calcium, carbon and iron, with the following component ratio, in mass%: 45.0-63.0 silicium, 10.0-25.0 aluminium, 1.0-10.0 calcium, 1.0-10.0 barium, 0.3-0.5 vanadium, 1.0-10.0 titanium, 0.1-1.0 carbon, the rest being iron.-L?invention concerne la m?tallurgie ferreuse et notamment des processus de cr?ation d?un alliage destin? ? la r?duction, au dopage et ? la modification d?acier. L?invention permet d?augmenter la qualit? de l?acier trait? avec l'alliage faisant l'objet de l'invention, gr?ce ? la r'eduction profonde, la modification des inclusions non m?talliques et au microdopage de l?acier avec du baryum, du titane et du vanadium. Selon l?invention, on ajoute ? un alliage contenant de l?aluminium, du silicium, du calcium, du carbone et du fer, les composants suivante, dans des quantit?s mesur?es en % en masse : 45,0-63,0 de silicium, 10,0-25,0 d?aluminium, 1,0-10,0 de calcium, 1,0-10,0 baryum, 0,3-0,5 de vanadium, 1,0-10,0 de titane, 0,1-1,0 de carbone, le reste ?tant du fer.

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



PCT

(22) 06/03/2013

(21) 0372/2013

(44) July 2015

(45) 09/11/2015

(11) 27307

(51)	Int. Cl. ⁸ E02F 9/28
(71)	1. HENSLEY INDUSTRIES, INC (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. CAMPOMANES, Patrick
(-)	2. DIAZ, Isai
	3.
(73)	1.
	2.
(30)	1. (US) 61/380,776 - 08-09-2010
	2. (US) 13/156,495 - 09-06-2011
	3. (PCT/US2011/046356) – 03-08-2011
(74)	ABD ELHADI OFFICE
(12)	Patent

(54) CONNECTOR PIN ASSEMBLY WITH DUAL FUNCTION OUTER END PORTIONS, AND ASSOCIATED GROUND ENGAGING APPARATUS

Patent Period Started From 03/08/2011 and Will end on 02/08/2031

(57) A connector pin assembly is insertable into aligned openings in telescoped ground engaging wear and support members to releasably hold the wear member on the support member. The assembly has a tubular outer housing that is nonrotatably received in the openings. A connector pin longitudinally extends through the housing and is rotatable relative thereto among selectively variable rotational orientations in which the pin is releasably locked to the housing by cooperative detent structures carried by the housing and the pin. Outer end portions of the pin perform two functions which are controlled by rotating the pin relative to the housing. First, outer pin member end portions are rotatable to selectively hold the wear member on the support member or release it therefrom. Second, the outer pin end portions are rotatable to adjustably tighten the wear member onto the support member.

Egyptian Patent Office



PCT

(22) 28/07/2010

(21) 1269/2010

(44) July 2015

(45) |09/11/2015

(11) 27308

(51)	Int. Cl. ⁸ C04B 28/06, 40/00, 28/16
(71)	1. ITALCEMENTI S.P.A. (ITALY) 2. 3.
(72)	 ALFANI, Roberta LEZZI, Gianluca
(73)	1. 2.
(30)	1. (PCT/IB2008/000299) - 31-01-2008 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SOLID MIXTURE AND COATING BASED ON A SULFO-ALUMINOUS OR SULFO-FERROALUMINOUS CLINKER AND CEMENTITIOUS-BASED PIPES THUS COATED

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

(57) The present invention relates to a solid mixture and a coating or painting based on a sulfo-aluminous or sulfo-ferroaluminous clinker, the relative use as coating or painting of cementitious- and non- cementitious-based supports, in particular as coating or painting of cementitious -based pipes.

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



PCT

(22) 21/12/2011

(21) 2132/2011

(44) June 2015

(45) 09/11/2015

(11) 27309

(51)	Int. Cl. 8 C13K 1/08 & A23L 1/09
(71)	1. ALFA LAVAL CORPORATE AB (SWEDEN) 2. 3.
(72)	 LIPNIZKI, Frank VAN DER HAM, Wim VAN ELDIK, Reiné
(73)	1. 2.
(30)	1. (EP) 09163807.2 - 25-06-2009 2. (PCT/IB 2010/001537) - 25-06-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD AND PLANT FOR PURIFYING A CARBOHYDRATE RICH LIQUID

Patent Period Started From 25/06/2010 and Will end on 24/06/2030

(57) Described is a method for preparing a purified liquid containing carbohy? drates. The method comprises the steps of: hydrolysing starch to a dextrose equivalent (DE) of 10 or above, thus obtaining a liquid of carbohy? drates; removing a heavy weight sludge fraction from the light weight liquid of carbohydrates using centrifugation; filtering the remaining liquid of carbohydrates, the filter being capable of retaining coarser particles while allowing particles with a diameter less than 2?m to pass; performing membrane separation on the filtered liquid of carbohydrates using a membrane having a pore size at 2?m or below; and recovering a perme? ate stream of purified liquid containing carbohydrates. Also disclosed in a plant for performing the method.



PCT

(22) 11/12/2013

(21) 1890/2013

(44) July 2015

(45) 10/11/2015

(11) 27310

(51)	Int. Cl. ⁸ B63B 21/50
(71)	1. TRANSOCEAN SEDCO FOREX VENTURES LIMITED (UNITED STATES OF 2. AMERICA) 3.
(72)	1. MUNIZ-MARTINEZ ADAN H 2. 3.
(73)	1. 2.
(30)	1. (JP) 61/496,631 - 14-06-2011 2. (PCT/US2012/041915) - 11-06-2012 3.
(74)	GEORGE I. MINA
(12)	Patent

(54) SELF CONTAINED MARINE RISER FAIRING Patent Period Started From 11/06/2012 and Will end on 10/06/2032

(57) A collapsible marine riser fairing that includes members configured to retract into a storage space and be deployed from the storage space when needed. The collapsible fairing is semi-permanently attached to the riser.

Egyptian Patent Office



PCT

(22) 08/09/2013

(21) 1404/2013

(44) July 2015-12

(45) 10/11/2015

(11) 27311

(51)	Int. Cl. ⁸ G08B 21/00
(71)	1. LANDMARK GRAPHICS CORPORATION (UNITED STATES OF AMERICA) 2. 3.
(72)	1. SANCHEZ, Diego 2. 3.
(73)	1. 2.
(30)	1. (PCT/US2011/031101) – 04-04-2011 2. 3.
(74)	NAHED WADE REZK
(12)	SAMAR AHMED EL LABBAD

(54) SAFETY BARRIER ALERT Patent Period Started From 04/04/2011 and Will end on 03/04/2031

(57) At least some of the illustrative embodiments are a non-transitory machine-readable storage medium including executable instructions that, when executed, cause one or more processors to receive drilling rig safety barrier data based on conditions of safety barriers in one or more drilling rigs. The one or more processors are further caused to identify, based on the drilling rig safety barrier data, an impending invalidation of at least one of the safety barriers. The one or more processors are further caused to identify, based on the impending invalidation, one or more profiles for alert, and output, based on the one or more profiles, an alert of impending safety barrier invalidation.



PCT

(22) 05/02/2013

(21) 0190/2013

(44) July 2015-12

(45) 10/11/2015

(11) 27312

(51)	Int. Cl. 8 E03D 9/03 & A01N 25/34 & C11D 17/00, 17/04
(71)	1. RE.LE.VI. S.P.A (ITALY) 2. 3.
(72)	1. PAGANI, Fabio 2. 3.
(73)	1. 2.
(30)	1. (IT) RE2010A000066 - 06-08-2010 2. (PCT/IB2011/001160) - 27-05-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A SANITARY AGENT COVERED BY A FILM Patent Period Started From 27/05/2011 and Will end on 26/05/2031

(57) The present invention relates to a sanitary agent for treatment of a sanitary appliance, comprising a solid or semi-solid active body, designed to adhere to a wall of the sanitary appliance and including a treatment compound having at least an active element for treatment of the sanitary appliance, characterised in that the body has an external surface thereof covered by a water-soluble film. In this way, the sanitary agent can be manipulated by hand for application thereof to a moist ceramic wall of a sanitary appliance to be treated, without the user's hands entering into contact with the components of the sanitary agent itself. Furthermore, any undesired loss of the components of the sanitary agent are avoided; these can be due to deformation of the sanitary agents before use thereof, displacements thereof and/or any dripping. The invention also relates to a method for applying the sanitary agent for deterging, disinfecting and/or perfuming the sanitary appliance.

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

Egyptian Patent Office



PCT

(22) 20/03/2013

(21) 0453/2013

(44) July 2015-12

(45) 11/11/2015

(11) 27313

(51)	Int. Cl. 8 G01V 1/16
(71)	1. CGGVERITAS Services SA (FRANCE) 2.
(72)	3. 1. MEUNIER JULIEN
(/2)	2. 3.
(73)	1. 2.
(30)	1. (US) 61/614686 - 23-03-2012 2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) RETRIEVABLE VERTICAL GEOPHONE CABLE AND METHOD Patent Period Started From 20/03/2013 and Will end on 19/03/2033

(57) A method and a retrievable vertical geophone cable for collecting seismic data underground. The retrievable vertical geophone cable includes an envelope having a first end at which a connector mechanism is provided to close the envelope; plural geophones distributed inside the envelope at predetermined positions; and a first expansion mechanism attached to a geophone of the plural geophones and configured to expand the envelope when actuated with a first fluid under pressure.

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



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PC

- (22) 11/05/2010
- (21) 0772/2010
- (44) May 2015
- (45) 12/11/2015
- (11) 27314

(51)	Int. Cl. 8 B23Q 1/01, 11/00, 11/02
(71)	1. SAMI ABDALLAH SAYED AHMED NOUR (EGYPT) 2. 3.
(72)	1. SAMI ABDALLAH SAYED AHMED NOUR 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) MODIFICATION IN THE DIFFERENTIATION DEVICE FOR THE PRODUCTION OF DIFFERENTIAL HELICAL GEARS

Patent Period Started From 11/05/2010 and Will end on 10/05/2030

(57) The present invention relates to a differential device provided with column contains scroll gear to transfer motion from/to the worm, to the worm gear and to the operator. The outer part of said device contains the main gear which transfer motion from the column of the differential device to a column fixed inside the device to produce the differentiation in the number of the gear teeth to be produced beside other gears. the outer part also contains guided gear which transfers motion from the column of the milling machine to the column of the differential device besides other gears to produce helical gear teeth. Advantageously, differential helical gear, differential helical scroll gear can be produced unlike hob machines that cannot produce such type of gears.



PCT

(22) 30/08/2012

(21) 1475/2012

(44) August 2015

(45) 15/11/2015

(11) 27315

(51)	Int. Cl. 8 C04B 41/50, 41/86		
(71)	1. LAMBERTI SPA (ITALY) 2. 3.		
(72)	 CRESPI, Stefano ANTONIOTTI, Marco LI BASSI, Giuseppe 	4. FLORIDI, Giovanni	
(73)	1. 2.		
(30)	1. (IT) VA 2010 A 000020 - 05-03-2010 2. (PCT/EP2011/053239) -03/03/2011 3.		
(74)	WAGDY N. AZIZ		
(12)	Patent		

(54) RHEOLOGY MODIFIER FOR CERAMIC GLAZES Patent Period Started From 30/03/2011 and Will end on 02/03/2031

(57) The present invention relates to a rheology modifier for ceramic glazes comprising a water-swellable granulated clay, a carboxymethyl cellulose and possibly another natural gum. In another aspect the invention relates to the ceramic glaze and the glaze slip obtained using the above rheology modifier, which can be used for glazing green or fired ceramic bodies such as artware, tableware, tile, heavy clays products and sanitaryware.

Egyptian Patent Office



PCT

(22) 10/06/2012

(21) 1050/2012

(44) April 2015

(45) 15/11/2015

(11) 27316

(51)	Int. Cl. ⁸ F04D 29/26	
(71)	1. NUOVO PIGNONE S.P.A (ITALY) 2. 3.	
(72)	 GIOVANNETTI, Iacopo GIANNOZZI, Massimo BIGI, Manuele 	4. MASSINI, andrea
(73)	1. 2.	
(30)	1. (IT) CO2009A000064 - 11-12-2009 2. (PCT/EP2010/069026) - 07-12-2010 3.	
(74)	ABD ELHADI OFFICE	
(12)	Patent	

(54) COMPOSITE RINGS FOR IMPELLER-SHAFT FITTING Patent Period Started From 07/12/2010 and Will end on 06/12/2030

(57) Systems and methods for attaching one or more impellers to a shaft and attaching composite rings to a back and front lip on each impeller to secure the impellers for high angular velocity operation. The composite rings are constructed of a material that provides a greater specific strength and greater specific stiffness relative to the material of the impellers. In multi-impeller assemblies, an impeller spacer is attached between each pair of impellers.

Egyptian Patent Office

(12)

Patent



PCT

- (22) 10/10/2010
- (21) | 1701/2010
- (44) April 2015-12
- (45) 15/11/2015
- (11) 27317

(51)	Int. Cl. 8 C03C 25/34,25/14 & C09J 161/06, 161/10, 161/14 & C08L 61/10, 61/34 & E04B 1/74
(71)	1. SAINT-GOBAIN ISOVER (FRANCE) 2. 3.
(72)	 PONS Y MOLL, Olivier JAFFRENNOU, Boris DOUCE, Jerome
(73)	1. 2.
(30)	1. (FR) 08/02017 - 11-04-2008 2. (PCT/FR2009/050654) - 10-04-2009 3.
(74)	ABD ELHADI OFFICE

(54) SIZING COMPOSITION FOR MINERAL FIBERS AND RESULTING PRODUCTS-COMPOSITION D"ENCOLLAGE POUR FIBRES MINERALES ET PRODUITS RESULTANTS

Patent Period Started From 10/04/2009 and Will end on 09/04/2029

The present invention relates to a sizing composition for mineral fibers, especially glass fibers or rock fibers, containing a liquid phenolic resin having a free formaldehyde content of less than or equal to 0.1% by total weight of liquid and an extender. The liquid phenolic resin is preferably mainly composed of condensates of phenol-formaldehyde and of phenolformaldehyde-amine and has a water dilutability, at 20? C, at least equal to 1000%. Another subject of the invention is the insulating products based on mineral fibers treated with said sizing composition.-La pr?sente invention se rapporte ? une composition d'encollage pour fibres min?rales, notamment de verre ou de roche, contenant une r?sine ph?nolique liquide pr?sentant un taux de formald?hyde libre inf?rieur ou ?gal ? 0, 1 % en poids total de liquide et un extendeur. La r?sine ph?nolique liquide est de pr?f?rence constitu?e essentiellement de condensats de ph?nol-formald?hyde et de ph?nol- formald?hyde-amine et pr?sente une diluabilit? ? l"eau, ? 200C, au moins? Gale? 1000 %. Elle a? galement pour objet les produits isolants ? Base de fibres min?rales trait?es par ladite composition d"encollage.

Egyptian Patent Office



PCT

(22) 15/03/2011

(21) 0413/2011

(44) July 2015

(45) |15/11/2015

(11) 27318

(51)	Int. Cl. ⁸ G01N 17/02
(71)	1. MOHAMED ABDEL MONEIM DEYAB (EGYPT) 2. 3.
(72)	1. MOHAMED ABDEL MONEIM DEYAB 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) DESIGN A NEW CELL TO MEASURE THE ELECTROCHEMICAL REACTIONS OF THE UNITS COOLING ENGINES AND MOTORS

Patent Period Started From 15/03/2011 and Will end on 14/03/2031

(57) Most engines require cooling systems. Since the corrosion of cooling system can lead to corrosion of ferrous metal parts. It is very important to study the corrosion behavior of cooling system metal at working conditions. So we develop a new design electrolytic cell. It was made of pyrex glass. The cell was designed with water pump to increase the solution flow rate inside the electrolytic cell and also with heater to increase the heating from out side to matching the actually work of cooling system. By using this cell we can measure the electrochemical behavior of cooling system metal.

Egyptian Patent Office



PCT

(22) 08/04/2009

(21) 0479/2009

(44) April 2015

(45) 15/11/2015

(11) 27319

(51)	Int. Cl. ⁸ C25B 11/04 , 1/34		
(71)	1. INDUSTRIE DE NORA S.P.A. (ITALY) 2. 3.		
(72)	 ANTOZZI, Antonio, Lorenzo BARGIONI, Claudia, Jennifer CALDERARA, Alice 	4. 5. 6.	IACOPETTI, Luciano MARTELLI, Gian, Nicola URGEHE, Christian
(73)	1. 2.		
(30)	1. (IT) MI 2006 A 001947 - 11-10-2006 2. (PCT/EP2007/060728) - 09-10-2007 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

(54) CATHODE FOR ELECTROLYTIC PROCESSES Patent Period Started From 09/10/2007 and Will end on 08/10/2027

(57) The invention relates to a cathode for electrolytic processes, particularly suitable for hydrogen evolution in chlor-alkali electrolysis, consisting of a nickel substrate provided with a coating comprising a protective zone containing palladium and a physically distinct catalytic activation containing platinum or ruthenium optionally mixed with a highly oxidising metal oxide, preferably chromium or praseodymium oxide.

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



PCT

(22) 28/03/2013

(21) 0525/2013

(44) April 2015-12

(45) 15/11/2015

(11) 27320

(51)	Int. Cl. 8 D21 1/02, 1/12, 1/36 & D21C 1/02	
(71)	1. BETA RENEWABLES S.P.A. (ITALY) 2. 3.	
(72)	1. OTTONELLO, Piero 2. FERRERO, Simone 3. CHERCHI, Francesco	4. DE FAVERI, Danilo 6. ORIANI, Luis
(73)	1. 2.	
(30)	1. (IT) TO2010A000794 - 29-09-2010 2. (PCT/IB2011/054294) - 29-09-2011 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) IMPROVED PROCESS FOR RECOVERING SUGARS FROM A PRETREATMENT STREAM OF LIGNOCELLULOSIC BIOMASS Patent Period Started From 29/09/2011 and Will end on 28/09/2031

(57) This specification discloses an improved method for conducting the removal of C5 xylan based sugars from biomass. The improved method involves a series of soakings and washings of the biomass as opposed to conducting one soaking and washing step.

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

Egyptian Patent Office



PCT

(22) 24/01/2010

(21) 0124/2010

(44) March 2015 (45) |15/11/2015

(11) 27321

(51)	Int. Cl. 8 B65D 51/28
(71)	 LEE, Jeong-Min (KOREA) LEE, Seong-Jae (KOREA) .
(72)	 LEE, Jeong-Min LEE, Seong-Jae .
(73)	1. 2.
(30)	1. (KR) 10-2007-0074297 - 23-07-2007 2. (KR) 10-2007-0075683 - 27-07-2007 3. (KR) 10-2007-0082523 - 13-08-2007 4. (KR) 10-2007-0134871 - 17-12-2007 5. (PCT/KR2008/004210) - 18-7-2008
(74)	MAHMOD RAGAEE ELDOKY
(12)	Patent

(54) BOTTLE CAP Patent Period Started From 18/07/2008 and Will end on 17/07/2028

The bottle cap, this invention, is designed to be suitable for the container necks of different size. As recommended, the bottle cap with two connection sections may be assembled in the container necks showing the different sizes of 26.78MM and 28.0MM.



(22) 06/12/2010

(21) 2061/2010

Ministry of State for Scientific Research Academy of Scientific Research & Technology Egyptian Patent Office	- PER	(45)	April 2015-12 16/11/2015 27322

(51)	Int. Cl. 8 A61M 16/01 & 16/04
(71)	1. MOUSTAFA NABIL ABOUSHELIB (EGYPT)
(, 1)	2. ALEXANDRIA UNIVERSITY
	3. SCIENCE AND TECHNOLOHY DEVELORMEN FUND
(72)	1. MOUSTAFA NABIL ABOUSHELIB
	2.
	3.
(73)	1.
. ,	2.
(30)	1.
, ,	2.
	3.
(74)	ALEXANDRIA UNIVENSITY FOCAIL POINT
(12)	Patent

(54)IMPROVING PERFORMANCE OF ZIRCONIA IMPLANTS **USING PRE-SINTERING IMMERSION**

Patent Period Started From 06/12/2012 and Will end on 05/12/2032

This new technology is based on applying a nano-thin bioactive coating and zirconia orthopedic devices through on zirconia implants transforming the dense non-retentive surface of zirconia in the green state [un-sintered condition] into a nano-porous surface capable of adsorbing a thin layer of a bioactive material. At first, the zirconia surface is coated with a mixture of water soluble salts and heated above the melting point of this mixture and held at this temperature for 4-10 minutes after which the material is cooled slowly to room temperature. After cooling, the material is ultrasonically cleaned in a water bath to dissolve all traces of the coated mixture and to expose the created nano-porous surface. The created porous surface is ready to adsorb any layer of the required bioactive material as hydroxyl apatite for example or biomemetic materials through simply dipping the prepared sintered implants in the proper concentration of the bioactive material and drying the implants. Through repeating this procedure, the required thickness of the coating material could be achieved.

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



PCT

(22) 07/11/2010

(21) 1884/2010

(44) July 2015

(45) 17/11/2015

(11) 27323

(51)	Int. Cl. ⁸ A61M 5/50, 5/178
(71)	1. SHANTOU WEALY MEDICAL INSYRUMENT COLTD (CHINA)
	2. 3.
(72)	1. YANG, Yuhe 2.
	3.
(73)	1.
(20)	2.
(30)	1. (CN) 200810096785.1 - 08-05-2008 2. (CN) 20092015008.8 - 13-04-2009
	3. (PCT/CN2009/071657) – 06-05-2009
(74)	SMAS
(12)	Patent

(54) A DISPOSABLE SELF-DESTRUCTION SAFETY SYRINGE WITHOUT FLUID RESIDUA

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

(57) A disposable self-destruction safety syringe without fluid residual comprises a syringe tube, a push rod, a needle mount and a needle. The push rod and the needle mount are mounted in the syringe tube. A plunger slidably fitting with the inside wall of the syringe tube is provided on the front end of the push rod. Wherein, an automatic retraction means is mounted in the front end of the chamber of the push rod. The automatic retraction means and the needle mount are each provided with a snap-latch member, respectively, for connecting the needle mount with the automatic retraction means. Each of said snap-latch member is provided with a fluid pass chamber, such that the fluid remaining inside the syringe tube flows, through the fluid pass chamber when the snap-latch members form an interference fit and engage with each other, into the chamber of the needle mount and the needle.



PCT

(22) 14/02/2012

(21) 0252/2012

(44) June 2015

(45) 17/11/2015

(11) 27324

(51)	Int. Cl. 8 A01G 25/00 & B05B 3/00
(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) IRRIGATION BY RATIONING OVERFLOW Patent Period Started From 14/02/2012 and Will end on 13/02/2032

(57) This invention is about a means to irrigate crops in all kinds of lands. The invention is a system of irrigate that saves water, time, efferot and money. It is produced by the manufacturing companies of the laboratory equipments.

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



(22) 24/05/2011

- (21) 0817/2011
- (44) July 2015
- (45) |17/11/2015
- (11) 27325

(51)	Int. Cl. ⁸ B01D 33/11
(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) ASET FOR THE ISOLATION OF THE VEGETARIAN EXTRACTION

Patent Period Started From 24/05/2011 and Will end on 23/05/2031

(57) This invention is about a means to make the process of isolation of the vegetarian extractions by centrifuge much easier. The invention is a modification of the stes of centrifuge to be of multi useage. It is produced by the manufacturing companies of the laboratory equipments.

Arab Republic of Egypt Ministry of State for Scientific Research

Academy of Scientific Research & Technology

Egyptian Patent Office



PCT

(22) 29/02/2012

(21) 0371/2012

(44) June 2015

(45) 17/11/2015

(11) 27326

(51)	Int. Cl. 8 A61F 13/15, 13/494		
(71)	1. UNICHARM Corporation (JAPAN) 2. 3.		
(72)	 HASHINO, Yuki MASAKI, Shunsuke YOSHIOKA, Toshiyasu 	4. ONO, Yoshio	
(73)	1. 2.		
(30)	1. (JP) 2009-200803 - 31-08-2009 2. (PCT/JP2010/060419) - 21-06-2010 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

(54) DIAPER USED FOR ONCE WEARING ARTICLE Patent Period Started From 21/06/2010 and Will end on 20/06/2031

A diaper wearing article configured in such a manner that a liquid absorbing structure, such as an absorbing body, does not separate in the front and rear waist regions from the wearer's body and, as a result, urine, etc. are prevented from leaking due to the formation of a gap between the wearer and the liquid absorbing structure. A diaper includes a front waist member, a rear waist member, and a crotch member. The outer surface of a liquid absorbing structure of the crotch member is covered with an outer covering sheet, and gasket cuffs and leakage barrier cuffs are formed by the outer covering sheet. Imaginary folding lines extending in the longitudinal direction (Y) are each formed between the proximal edge and the distal edge of a leakage barrier cuff, and the leakage barrier cuff is folded along the imaginary folding line while a barrier elastic member is not being stretched or contracted. The leakage barrier cuffs are joined at the front and rear portions of the liquid absorbing structure to an inner covering sheet through a joining means, such as an adhesive agent, and this forms front and rear joined regions extending in the longitudinal direction (Y).



(22) 05/09/2012

(21) 1512/2012

(44) August 2015

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(11) 27327

(51)	Int. Cl. ⁸ B08B 3/04
(71)	1. ELSERAG AMIN MAHDY ABDEL HADY (EGYPT) 2. 3.
(72)	1. ELSERAG AMIN MAHDY ABDEL HADY 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) MACHINE FOR SORTING, WASHING AND DRYING OF SOLID OBJECTS

Patent Period Started From 05/09/2012 and Will end on 04/09/2032

(57) Machine for sorting, sifting, washing and drying of solid objects The Feeder Receives the Gravel to exclude the large sizes by feeder network and then to the control gate and enter required quantity of Gravel to Cylinder cleaning The Gravel moving in cylinder cleaning by helical Displacement with Downfall and flipping by girders during cleaning stages by Compressed (air & water) 1? (Dry) by air and collect dust in Air&Dust tank 2? (Wet) by dirty water with air 3? (Rinse) by new water with air 4? (Drying) by air Collect cleaning wet garbage in Water tank and cleans constantly by Dirty water pump The Cylinder cleaning is placed over the Chassis roller to rotate by speed of 10 r/min Cleaning materials (air & water) Enter to cylinder cleaning by Pumps water and pipes Control and delivery of electricity by Electricity control panel to each motors.

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



PCT

(22) 12/09/2011

(21) 1512/2011

(44) July 2015

(45) 18/11/2015

(11) 27328

(51	Int. Cl. 8 C07C 29/151, 31/04
(71	1. METHANOL CASALE SA (SWITZERLAND) 2. 3.
(72	1. PANZA, Sergio 2. CAPETTI, Giovanni Luigi 3.
(73) 1. 2.
(30	1. (EP) 09155137.4 - 13-03-2009 2. (PCT/JP2010/052893) - 08-03-2010 3.
(74	SAMAR AHMED EL LABBAD
(12) Patent

(54) RECOVERY OF CO<sb>2</sb> IN A PROCESS FOR SYNTHESIS OF METHANOL

Patent Period Started From 08/03/2010 and Will end on 07/03/2030

(57) A process for producing methanol, where a hydrocarbon feedstock is reformed and a make-up syngas is reacted in a synthesis loop, obtaining crude methanol which is further treated to obtain high-grade methanol, and where the carbon dioxide dissolved in the crude methanol is recycled to the reforming section in order to adjust the stoichiometric number of the make-up syngas. In a preferred embodiment, a flash gas separated from the crude methanol and light ends coming from distillation are recycled to a compressor and fed to a primary reformer; further carbon dioxide can be recycled from the flue gas.

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





PCT

(22) 30/12/2012

(21) 2154/2012

(44) May 2015

(45) 22/11/2015

(11) 27329

(51)	Int. Cl. 8 B01D 53/14
(71)	1. UNION ENGINEERING A/S (DENMARK) 2. 3.
(72)	 FIND, Rasmus POULSEN, Jan Flensted .
(73)	1. 2.
(30)	1. (DK) PA 2010 70314 - 02-07-2010 2. (PCT/DK2011/050258) - 01-07-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) HIGH PRESSURE RECOVERY OF CARBON DIOXIDE FROM A FERMENTATION PROCESS

Patent Period Started From 01/07/2011 and Will end on 30/06/2031

(57) The present invention relates to a method for recovering carbon dioxide from a gaseous stream originating from a fermentation process by compression, absorption, condensation and distillation, wherein at least the absorption and condensation is performed under a high pressure of at least 30 bar.

Egyptian Patent Office



PCT

- (22) 17/09/2013
- (21) 1455/2013
- (44) June 2015
- (45) 22/11/2015
- (11) 27330

(51)	Int. Cl. ⁸ B02C 15/00
(71)	1. LOESCHE GMBH (GERMANY) 2. 3.
(72)	 KEYSSNER, Michael 3.
(73)	1. 2.
(30)	1. (DE) 10 2011 014 592.3 - 21-03-2011 2. (PCT/EP2012/001162) - 15-03-2012 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) ROLLER MILL Patent Period Started From 15/03/2012 and Will end on 14/03/2032

(57) The invention relates to a roller mill, in particular a coal mill, having a feed system which has an integrated screw feeder. The screw feeder is arranged virtually horizontally in the region of a grit cone and has a worm shaft which is guided through the roller mill and along the longitudinal axis thereof, both end sides of which are arranged in each case outside the roller mill and which is mounted at one end by way of a drive device and at the other end in a mounting outside the roller mill. The feed material is supplied to the screw conveyor outside the roller mill and is forcibly conveyed therein up to a trough-side ejection opening above a cone opening in the grit cone, and drops centrally onto the grinding bowl together with coarse grain rejected in the classifier. A uniform distribution of the feed material and improved running smoothness of the roller mill and a saving of energy are achieved, and soiling of the worm shaft is prevented.

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





PCT

(22) 04/09/2011

(21) 1468/2011

(44) May 2015

(45) 23/11/2015

(11) 27331

(51)	Int. Cl. 8 A61F 13/15, 13/49
(71)	1. UNICHARM CORPORATION (JAPAN)
	3.
(72)	1. YAMAMOTO, Hiroki
	3.
(73)	1.
(30)	1. (JP) 2009-048436 - 02-03-2009
	2. (JP)2010-042135 - 26-02-2010 3. (PCT/JP2010/053745) - 02-03-2010
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) JOINING APPARATUS AND METHOD OF MANUFACTURING ABSORBENT ARTICLE

Patent Period Started From 02/03/2010 and Will end on 01/03/2030

(57) The method includes an ultrasonic vibrating device configured to apply ultrasonic vibration to the predetermined region, an anvil roller facing the ultrasonic vibrating device with the superimposed continua of the front waistline portions and the back waistline portions interposed therebetween, and including a protrusion configured to press the continua in the predetermined region between the anvil roller and the ultrasonic vibrating device, a motor configured to rotate the anvil roller, a belt 140 configured to connect the anvil roller and the motor and to be driven by the motor, and a pressing mechanism configured to press the belt in a cross direction perpendicular to a driving direction of the belt.

Ministry of State for Scientific Research Academy of Scientific Research & Technology **Egyptian Patent Office**





(22) 05/02/2012

(21) |0199/2012

(44) May 2015

(45) 23/11/2015

(11) 27332

PCT

EGYPT

(51)	Int. Cl. ⁸ C04B 35/628 & B22F 1/02 & C22C 29/02, 26/00
(71)	1. ALLOMET CORPORATION (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. KEANE, John, M.
,	2. GERMAN, Randall, M.
	3.
(73)	1.
()	2.

- (US) 61/231,149 04-08-2009 (30)
 - $(PCT/US\ 2010/044241) 30-08-2010$
- SAMAR AHMED EL LABBAD
- Patent (12)

(54) TOUGH COATED HARD PARTICLES CONSOLIDATED IN A **TOUGH MATRIX MATERIAL**

Patent Period Started From 30/08/2010 and Will end on 02/08/2030

(57) Consolidated materials comprising a plurality of coated particles dispersed in a tough matrix material are disclosed. The coated particles include a plurality of core particles having an intermediate layer that substantially surrounds each of the core particles. An optional outer layer may be present on the intermediate layer. A matrix contains or substantially contains each of the coated particles, and is formed from at least one third compound including a mixture of W, WC, and/or W₂C with C0. The amount of C0 in the at least one third compound may range from greater than 0 to about 20% weight. Methods for providing consolidated materials, and articles comprising such consolidated materials are also disclosed.

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Academy of Scientific Research & Technology

Egyptian Patent Office



PCT

(22) 26/05/2009

(21) 0772/2009

(44) June 2015

(45) 24/11/2015

(11) 27333

(51)	Int. Cl. ⁸ C07D 239/00, 239/28, 239/38, 239/56, 487/ 00, 487/04, 487/06, 513/00, 513/04		
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.		
(72)	 OMAR Abdel-Fattah Mohamed Fathalla WALAA Salah Goda el-Serwy MOGEDDA Emam Hussein Haiba 	4. Dr/ Abdel-Mohsen Mohamed Soliman Bakr 5. Prof.Dr/ IBRAHIM Fathy Mohamed Zeid	
(73)	1. 2.		
(30)	1. 2. 3.		
(74)	LOCAL POING OF NATIONAL RESEARCH		
(12)	Patent		

THIOURACIL DERIVATIVES WITH ACTIVITY AGAINST (54)LIVER CANCER

Patent Period Started From 26/05/2009 and Will end on 25/05/2029

(57) Five new derivatives of thiouracil was synthesized and were characterized by Nuclear magnetic resonance, Infrared and Mass spectra and subjected to a screening system for evaluation of antitumor activity against Liver cancer (HEPG2) tumor cell line in comparison to 5- Flurouracil and Doxorubicin. The results indicated that the selected thiouracil derivatives showed antitumor activity against Liver cancer (HEPG2) tumor cell line tested but with varying intensities in comparison to the known anticancer drugs: 5- Flurouracil and Doxorubicin.

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- (22) 15/04/2013
- (21) 0634/2013
- (44) June 2015
- (45) 24/11/2015
- (11) 27334

(51)	Int. Cl. 8 A23C 9/00 & A23L 3/00	
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.	
(72)	 MERVAT Ibrahim Foda NAGWA Abdel-Maged Mohamed WAFAA Ibrahim 	5. Rehab Muhammad Osama
(73)	1. 2.	
(30)	1. 2. 3.	
(74)	LOCAL POING OF NATIONAL RESEARCH	
(12)	Patent	

(54) FORMULATION OF DAIRY BEVERAGE- CASEIN FREE- FOR AUTISM

Patent Period Started From 15/04/2013 and Will end on 14/04/2033

The lack of successful therapy, genetic heterogeneity, and the increasing incidence make autism (with a prevalence of 1 in 110 children) one of the most challenging neurodevelopmental disorders. Modifying the diet and the gastrointestinal system of autistic children sets the stage for the success of other treatments, and therefore should come first. Children having autism are expected to have lower macro- and micronutrient intake compared to children with typical development. The doctors prevent autism drinking milk or eating any of milk products, although the importance of their high nutrition effects for children and adults. So, the aim of this study was to formulate dairy beverage contains all the nutrition values of the milk but casein free and provided to 30 autism (50 ml/day) for 3 months. Questionnaires were used weekly to record the beverage acceptance and CARS test. The results showed that the milk beverage improved the CARS test around 93%, in addition to increase the children attention (75%), verbal Communication (42%), Social Communication (21.4 %), deep sleeping (7.14 %) and decrease the hyperactivity (25%).

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



PCT

(22) 21/05/2013

(21) 0855/2013

(44) May 2015

(45) 23/11/2015

(11) 27335

(51)	Int. Cl. ⁸ F28F 1/24
(71)	1. KOREA BUNDY CO LTD (KOREA) 2. 3.
(72)	 RYOO, Byung Hee RYCOBYTING 3.
(73)	1. 2.
(30)	1. (KR) 10-2012-0053862 - 21-05-2012 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) L-TYPE TURN-FIN TUBE AND TURN-FIN TYPE HEAT EXCHANGER USING THE SAME

Patent Period Started From 21/05/2013 and Will end on 20/05/2033

(57) Provided is an L-type turn-fin tube including a turn-fin which may provide excellent adhesiveness even with a tube having a small diameter, and a turn-fin type heat exchanger using the L-type turn-fin tube. The L-type turn-fin tube includes the tube and the turn-fin. A refrigerant moves in the tube. The turn-fin includes a base portion that is formed on one side of a bent portion obtained when a part of a groove portion recessed in a longitudinal direction is bent in the longitudinal direction, and a fin portion that is formed on the other side of the bent portion, wherein the base portion is spirally wound around an outer surface of the tube.

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



PCT

(22) 14/03/2013

(21) 0413/2013

(44) June 2015

(45) 24/11/2015

(11) 27336

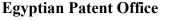
(51)	Int. Cl. ⁸ F03G 6/00
(71)	1. ALSTOM TECHNOLOGY LTD. (SWITZERLAND) 2. 3.
(72)	 RAY Suman, HERZOG Maurus, EHRSAM Andreas
(73)	1. 2.
(30)	1. (EP) 12162906.7 - 02-04-2012 2. 3.
(74)	NAHED WADE REZK
(12)	Patent

(54) SOLAR THERMAL POWER SYSTEM

Patent Period Started From 14/03/2013 and Will end on 13/03/2033

A solar thermal power system comprises a solar receiver steam generator, a thermal energy storage arrangement utilising a thermal energy storage fluid, and a multistage steam turbine for driving an electrical generator to produce electrical power. The solar thermal power system has a first operating mode in which steam is generated by the solar receiver steam generator and is supplied both to the thermal energy storage arrangement to heat the thermal energy storage fluid and to a high pressure turbine inlet of the multistage steam turbine to drive the steam turbine. The solar thermal power system also has a second operating mode in which steam is generated by recovering stored thermal energy from the thermal energy storage fluid of the thermal energy storage arrangement, the steam generated during the second operating mode having a lower storage discharge pressure and temperature than the steam generated during the first operating mode. The steam at the discharge pressure and temperature is injected into the multistage steam turbine to drive the steam turbine at a location or turbine stage downstream of the high pressure turbine inlet where the storage steam discharge pressure exceeds the pressure present in the turbine stage during the first operational mode and hence increase the mass flow through the turbine compared to the mass flow during the first operational mode, thereby maximizing the power output of the steam turbine during the second operating mode.

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PCT

(22) 24/11/2011

(21) 1988/2011

(44) August 2015

(45) 25/11/2015

(11) 27337

(51)	Int. Cl. ⁸ F04B 17/00, 43/06 & F04F 1/16
(71)	1. NBT AS (NORWAY) 2. 3.
(72)	1. PAULSEN, Jim-Viktor 2. 3.
(73)	1. IMPACT TECHNOLOGY SYSTEMS AS (NORWAY) 2.
(30)	1. (NO) 2009 2071 - 27-05-2010 2. (PCT/NO2010/000190)- 26-05-2010 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) APPARATUS EMPLOYING PRESSURE TRANSIENTS FOR TRANSPORTING FLUIDS

Patent Period Started From 26/05/2010 and Will end on 25/05/2030

The invention relates to an apparatus employing pressure transients for transporting fluids comprising at least one partly enclosed space (201,301,501,601,606,701,1101,1201), at least one body (202,302,502,602,607,702,1102,1202) in said at least one partly enclosed space, where said at least one body is movable relatively to the interior of said at least one partly enclosed space, at least one opening (204,205,304,404,504,604,605,704,705,1104, 1204) in said at least one enclosed space which allows a fluid to flow alternately in the direction into and out of said at least one partly enclosed space, at least one first conduit (211,311,411,511,513,611,711,1111,1211)and at least one second conduit 312,412,512,514,612,712,1112,1212) in fluid communication with at least one of said at least one opening, at least one first reservoir (231.331.431.531.533.631.731.1131.1231) and at least one second reservoir (232.332.432.532.534.632.732.1132.1232) connected to said at least one first conduit and at least one second conduit respectively, at least one first mechanical unit (221.321.421.521.523.621.721.1121.1221) and at least one second mechanical (222.322.422.522.524.622.722.1122.1222) in said at least one first conduit and at least one second conduit respectively, where said at least one first mechanical unit only allows flow in said at least one first conduits from said at least one first reservoir and towards said at least one partly enclosed space, and said at least one second mechanical unit only allows flow in said at least one second conduit in the direction from said at least one partly enclosed space and towards said at least one second reservoir. The invention is further characterized in that at least one positive pressure transient is generated by at least one object, with nonzero momentum, colliding with said at least one body, where at least part of said at least one positive pressure transient produces flow of fluid out of said at least one partly encl

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



PCT

(22) 07/03/2013

(21) 0391/2013

(44) August 2015

(45) 25/11/2015

(11) |27338

(51)	Int. Cl. ⁸ C02F 1/44 & B01D 61/08
(71)	1. MUHSEN HUSSEIN MAHMOUD ABU HAIFA (EGYPT) 2.
	3.
(72)	1. MUHSEN HUSSEIN MAHMOUD ABU HAIFA
	2. 3.
(73)	1.
(-)	2.
(30)	1. (JO) 51/2013 - 19-02-2013
	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) A NOVEL REVERSE OSMOSIS WATER TRETMENT SYSTEM THAT RATIONALIZES THE WASTED WATER AS A RESULT OF WATER TREATMENT

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

The present invention provides a household water treatment system by harnessing the Reverse Osmosis (RO) characteristic, wherein such system is characterized by rationalizing the amount of wasted water left after the water treatment process completely without negatively affecting the system components and by increasing the efficiency and quality levels as well as the durability of the system's components. The system of the present invention essentially comprises a water feeding and draining unit, a household water treatment unit with a special holder for an RO membrane to keep vibrating, a fresh water storage unit, a drain water storage unit, and a dual inlet water faucet. The system of the present invention stores the salt water resulted from the household water treatment process in said drain water storage unit in order to be used in domestic processes that do not need fresh water such as washing fruits and vegetables, and washing kitchen utensils. The traditional drain restrictor is modified in the system of the present invention to a self-calibrating drain restrictor to maintain a constant operating pressure on the RO membrane, and to prevent blockages in such restrictor as a result of calcification. In the system of the present invention, continuous water feeding for said household water treatment unit is maintained through using same diameters of feeding passages and through designing a mixing chamber in a way that permits good water feeding for both the main water faucet when operated, and the household water treatment unit.

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PCT

(22) 19/02/2013

(21) 0275/2013

(44) June 2015

(45) 25/11/2015

(11) 27339

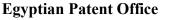
(51)	Int. Cl. ⁸ B21D 51/26
(71)	 ALCOA INC. (UNITED STATES OF AMERICA) 3.
(72)	 DICK, Robert E. FEDUSA, Anthony J. MYERS, Gary L.
(73)	1. 2.
(30)	1. (US) 61/375,746 - 20-08-2010 2. (PCT/US2011/048603) - 22-08-2011 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SHAPED METAL CONTAINER AND METHOD FOR MAKING SAME

Patent Period Started From 22/08/2011 and Will end on 21/08/2031

(57) A shaped metal container comprising less metal than prior art shaped metal containers while still able to handle sufficient axial load and undergo shaping processes, including necking, without wrinkling, buckling, collapsing or other physical defect is disclosed. Processes for shaping a metal container having a sidewall of variable thickness, wherein a portion of the sidewall having a variable thickness is shaped using a die or dies are also disclosed.

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PCT

(22) 15/04/2013

(21) |0636/2013

(44) August 2015

(45) 25/11/2015

(11) 27340

(51)	Int. Cl. ⁸ B65D 41/34		
(71)	 CLOSURE SYSTEMS INTERNATIONA 3. 	CLOSURE SYSTEMS INTERNATIONAL, INC. (UNITED STATES OF AMERICA)	
(72)	1. SADIQ, Sohail	5. BASHYAM, Navaneeth	
	2. EDIE, John	6. BHATT, Pranav	
	3. GEVERS, David, E.	7. TARTOCK, Russ	
	4. MOLL, William		
(73)	1. 2.		
(30)	1. 2. (US) 13/037,087 - 28-02-2011		
	(US) 61/393,438 - 15-10-2010		
	3. (PCT/US2011/052326) – 20-10-2011		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

(54)PLASTIC CLOSURE WITH ENHANCED PERFORMANCE Patent Period Started From 20/10/2011 and Will end on 19/10/2031

(57) A plastic closure embodying the principles of the present invention comprises a closure cap having a top wall portion, and an annular skirt portion depending from the top wall portion. The skirt portion includes an internal thread formation for threaded engagement with the external thread formation of an associated container. In order to facilitate high-speed application, and minimize the use of polymeric material, the closure is configured to exhibit a variation in retention force which decreases in a direction away from the top wall portion of the closure cap.

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PCT

(22) 15/04/2013

(21) 0635/2013

(44) August 2015

(45) 25/11/2015

(11) 27341

(51)	Int. Cl. ⁸ B65D 41/34	
(71)	1. CLOSURE SYSTEMS INTERNATIONAL, INC. (UNITED STATES OF AMERICA) 2. 3.	
(72)	 SADIQ, Sohail EDIE, John GEVERS, David, E. 	4. MOLL, WILLIAM
(73)	1. 2.	
(30)	1. (US) 61/393,438 - 15-10-2010 2. (US) 13/037,061 - 28-02-2011 3. (PCT/US2011/052320) - 20-09-2011	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54) IMPROVED TAMPER-EVIDENT CLOSURE AND PACKAGE Patent Period Started From 20/09/2011 and Will end on 19/09/2031

(57) A tamper-indicating plastic closure, and tamper-evident package are disclosed, wherein the closure includes a pilfer band having a substantially continuous tamper-ring. The tamper-ring extends generally angularly upwardly and inwardly of the closure in a tamper-indicating orientation of the tamper-ring for engagement with a relatively enlarged annular locking ring of the associated container. Notably, the tamper-ring includes a plurality of circumferentially spaced, projections, which preferably comprise relatively thick regions or shoulders, which desirably act to limit lateral movement of the pilfer band with respect to the container by engagement of at least one shoulder with the associated container generally beneath the container locking ring

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Egyptian Patent Office



PCT

(22) 19/01/2011

(21) 0122/2011

(44) March 2015

(45) 29/11/2015

(11) 27342

(51)	Int. Cl. ⁸ E04H 4/08, 4/10 & A63C 19/12 & B60J 7/08 & E06B 9/58
(71)	1. BECOFLEX S.A (BELGIUM) 2. 3.
(72)	1. COENRAETS, Benoit 2. 3.
(73)	1. 2.
(30)	1. (BE) 2008/0417 - 25-07-2008 2. (PCT/EP2009/059504) - 23-07-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SURFACE COVERING DEVICE Patent Period Started From 23/07/2009 and Will end on 22/07/2029

(57) The invention relates to a device for covering a surface such as a swimming pool, a sports field, a glazed surface, a vehicle body, including: a drum rota tingly mounted and capable of winding or unwinding a cover, said drum being mounted on longitudinal translation mechanisms including rails provided on either side of said surface an attachment system for said cover at one transverse end of the surface to be covered so that the translation and the rotation of the drum results in the winding/unwinding of the cover above the surface to be covered; a system for continuously locking the longitudinal edges of the cover onto said rails that is progressively fitted during the unwinding operation.

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PCT

(22) 17/03/2011

(21) 0421/2011

(44) November 2015

(45) 29/11/2015

(11) 27343

(51)	Int. Cl. 8 G10L 19/14, 21/02	
(71)	 FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. (GERMANY) 3. 	
(72)	1. NAGEL, Frederik	5. FUCHS, Guillaume
	2. MULTRUS, Markus	6. HILPERT, Johannes
	3. LECOMTE, Jeremie	7. ROBILLIARD, Julien
	4. BAYER, Stefan	
(73)	1.	
. ,	2.	
(30)	1. (US) 61/168,068 - 09-04-2009	
()	2. (EP) 09181008.5 - 30-12-2009	
	3. (PCT/EP2010/054434) - 01-04-2010	
(74)	NAHED WADEA REZK	
(12)	Patent	

(54) APPARATUS AND METHOD FOR GENERATING A SYNTHESIS AUDIO SIGNAL AND FOR ENCODING AN AUDIO SIGNAL

Patent Period Started From 01/04/2010 and Will end on 31/12/2029

An apparatus for generating a synthesis audio signal using a patching control signal comprises a first converter, a spectral domain patch generator, a high frequency reconstruction manipulator and a combiner. The first converter is configured for converting a time portion of an audio signal into a spectral representation. The spectral domain patch generator is configured for performing a plurality of different spectral domain patching algorithms, wherein each patching algorithm generates a modified spectral representation comprising spectral components in an upper frequency band derived from corresponding spectral components in a core frequency band of the audio signal. The spectral domain patch generator is furthermore configured to select a first spectral domain patching algorithm from the plurality of patching algorithms for a first time portion and a second spectral domain patching algorithm from the plurality of patching algorithm for a second different time portion in accordance with the patching control signal to obtain the modified spectral representation. The high frequency reconstruction manipulator is configured for manipulating the modified spectral representation or a signal derived from the modified spectral representation in accordance with a spectral band replication parameter to obtain a bandwidth extended signal. Finally, the combiner is configured for combining the audio signal having spectral components in the core frequency band or a signal derived from the audio signal with the bandwidth extended signal to obtain the synthesis audio signal.

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

Egyptian Patent Office



PCT

(22) 21/10/2010

(21) 0776/2010

(44) February 2015

(45) 29/11/2015

(11) 27344

(51)	Int. Cl. 8 C11D 3/40, 3/42
(71)	1. UNILEVER PLC (UNITED KINGDOM) 2. 3.
(72)	 BATCHELOR, Stephen, Norman BIRD, Jayne, Michelle JOYCE, Susan, Barbara
(73)	1. 2.
(30)	1. (EP) 08156569.9 -20-05-2008 2. (PCT/EP2009/051788) - 16-02-2009 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) SHADING COMPOSITION-COMPOSITION DE NUAN?AGE

Patent Period Started From 16/02/2009 and Will end on 15/02/2029

(57) The present invention provides a laundry treatment composition comprising a cationic azine dye.-La pr?sente invention concerne une composition de traitement du linge comprenant un colorant azine cationique.

$$R_2R_1N$$
 R_2R_1N
 R_3R_4

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(71)	 FRAUNHOFER-GESELLCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. (GERMANY)
	3.
(72)	1. DI DISCH, Sascha
	2. 3.
(73)	1.
(20)	1. (US) 61/038,300 - 20-03-2008
(30)	2. (EP) 08015123.6 - 27-08-2008
	3. (PCT/EP2009/001707) – 10-03-2010
(74)	NAID WADI RIZK TARAZI
(12)	Patent

(54) APPARATUS AND METHOD FOR CONVERTING AN AUDIO SIGNAL INTO A PARAMETERIZED REPRESENTATION

Patent Period Started From 10/03/2009 and Will end on 09/03/2029

(57) Apparatus for converting an audio signal into a parameterized representation, comprises a signal analyzer for analyzing a portion of the audio signal to obtain an analysis result; a band pass estimator for estimating information of a plurality of band pass filters based on the analysis result, wherein the information on the plurality of band pass filters comprises information on a filter shape for the portion of the audio signal, wherein the band width of a band pass filter is different over an audio spectrum and depends on the center frequency of the band pass filter; a modulation estimator for estimating an amplitude modulation or a frequency modulation or a phase modulation for each band of the plurality of band pass filters for the portion of the audio signal using the information on the plurality of band pass filters; and an output interface for transmitting. storing or modifying information on the modulation, information on the frequency modulation or phase modulation or the information on the plurality of band pass filters for the portion of the audio signal.

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Patent

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- (22) 02/10/2013
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- (11) 27346

(51)	Int. Cl. ⁸ B01 D 53/14, 53/62, C07 D 211/58 C10L 3/10, F23J 15/04
(71)	1. EVONIK DEGUSSA GMBH. (GERMANY) 2. 3.
(72)	 ROLKER, JOrn SEILER, Matthias SCHNEIDER, Rolf LENORMANT, Thibaut
(73)	1. 2.
(30)	1. (EP) 11169492.3 - 10-06-2011 2. (PCT/EP2012/059824) - 25-05-2012 3.
(74)	NAID WADI RIZK TARAZI

(54) ABSORPTION MEDIUM AND METHOD FOR ABSORPTION OF AN ACID GAS FROM A GAS MIXTURE

Patent Period Started From 25/05/2012 and Will end on 24/05/2032

(57) An absorption medium which comprises water, an amine (A) of the formula (I), where R is a n-alkyl radical having 1 to 4 carbon atoms, and an alkanolamine (B) which is a tertiary amine or a sterically hindered primary or secondary amine, has a high absorption capacity for CO2 at a high absorption rate. Using the absorption medium, during the absorption of acid gases from a gas mixture, even without addition of a solvent, a separation of the absorption medium into two liquid phases or the precipitation of a solid during the absorption of CO2 and the regeneration of the absorption medium may be avoided.

Ministry of State for Scientific Research Academy of Scientific Research & Technology **Egyptian Patent Office**



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(22) 12/09/2012

(21) 2031/2012

(44) August 2015

(45) 29/11/2015

(11) 27347

(51)		
(71)		
(72)	 RAMIREZ TOVIAS, Homero MARTINEZ, Juan Carlos GARZA GONZALEZ, Norma Leticia 	4. SERRANO GONZALEZ, Karla
(73)	1. 2.	
(30)	1. (FR) 10/02587 - 18-06-2010 2. (PCT/IB2011/001376) -17-06-2011 3.	
(74)	NAID WADI RIZK TARAZI	
(12)	Patent	

(54) METHOD FOR PRODUCING A CLINKER FOR HYDRAULIC CEMENT WITH LOW CO<sb>2 </sb> EMISSION AND HIGH **RESISTANCE**

Patent Period Started From 17/06/2011 and Will end on 16/06/2031

(57) The invention relates to a method for producing a clinker for cement, characterised in that it is obtained by grinding a raw flour comprising, especially, Al203, Fe2O3 and SO3 in contents (A) such that S03 = 0.261A12O3 - 0.638Fe2O3 + k or 2.5

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



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(51)	Int. Cl. ⁸ C04B 28/14, 11/00	
(71)	 Saint-Gobain Placo 3. 	
(72)	1. ZHANG, Ke	4. SONG, Hao
	2. Gao, Xiaotong	5. LI, Huifen
	3. SHAO, Dongxiao	
(73)	1.	
,	2.	
(30)	1.	
	2.	
	3.	
(74)	NAID WADI RIZK TARAZI	
(12)	Patent	

(54) CHEMICAL ADDITIVE FOR GYPSUM PRODUCTS Patent Period Started From 03/12/2012 and Will end on 02/12/2032

and their preparation method and the use of DHA as an anti-sagging additive in a gypsum product. Said gypsum board comprises set gypsum prepared from the composition; while said composition comprises gypsum, and an anti-deformation additive, wherein the anti-deformation additive comprises at least one selected from a group consisting of dehydroascorbic acid, dehydroascorbate and semidehydroascorbic acid. The set gypsum prepared from the said composition shows better anti-sagging or deformation resisting property. The gypsum product of the present invention is hardly distorted and has stronger stability even in the condition of high humidity, thus improve the quality of the gypsum product to meet the demands of the customer.

Ministry of State for Scientific Research Academy of Scientific Research & Technology **Egyptian Patent Office**



PCT

(22) 04/05/2011

(21) 0688/2011

(44) August 2015

(11) 27349

(45) 29/11/2015

(51)	Int. Cl. ⁸ C09K 8/28, 8/60, 8/588
(71)	 NALCO COMPANY (UNITED STATES OF AMERICA) 3.
(72)	1. NGUYEN, Duy T 2. 3.
(73)	1. 2.
(30)	1. (US) 12/265.859 - 06-11-2008 2. (PCT/US2009/063244) - 04-11-2009 3.
(74)	NAID WADI RIZK TARAZI
(12)	Patent

(54) METHOD OF REDUCING THE VISCOSITY OF HYDROCARBON **FLUIDS**

Patent Period Started From 04/11/2009 and Will end on 03/11/2029

This invention relates to methods for reducing the viscosity of hydrocarbon liquids encountered in petroleum operations. The method includes forming a low viscosity emulsion by contacting hydrocarbon liquids with an effective amount of a water-soluble polymer having pendant methyl ether groups.

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

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(22) |04/06/2012

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(44) August 2015

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(51)	Int. Cl. ⁸ C09C 1/02, 1/36, 1/40 & B02C 23/06 & B03B 1/04
(71)	1. OMYA INTERNATIONAL AG (SWITZERLAND) 2. 3.
(72)	 GANE, Patrick, A., C BURI, Matthaias 3.
(73)	1. 2.
(30)	1. (EP) 09 015 129.1 - 07-12-2009 2. (US) 61/284,226 - 15-12-2009 3. (PCT/IB2010/003084) - 01-12-2010
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) METHOD FOR CLASSIFYING MINERAL MATERIAL IN THE PRESENCE OF GLYCEROL-CONTAINING ADDITIVES, PRODUCTS OBTAINED, AND USES THEREOF

Patent Period Started From 01/12/2010 and Will end on 30/11/2030

(57) The present invention relates to a method for classifying mineral material, using a classification-assisting additive that contains glycerol and/or at least one polyglycerol and allows air classification effectiveness to be increased or uses less specific classification energy than additive-free air classification, while obtaining a classified mineral material that is compatible with use in an aqueous medium. The invention also relates to the use of the resulting product in paints, plastics, food and feed, pharmaceutical formulations, paper mass and paper coatings.

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(21) 1069/2011

(44) June 2015

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(11) 27351

(51)	Int. Cl. 8 A61C 13/00
(71)	1. RASHA MOHAMED ABD-EL-RAOUF MOHAMED METWALY (EGYPT) 2. AHMED NOUR EL-DIN AHMED HABIB 3.
(72)	1. RASHA MOHAMED ABD-EL-RAOUF MOHAMED METWALY 2. AHMED NOUR EL-DIN AHMED HABIB 3.
(73)	1. 2.
(30)	1. (PCT/EG2011/000014) – 14/06/2011 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54) PRE-SINTERED ZIRCONIA SURFACE TREATMENT TECHNIQUEFOR DENTAL APPLIANCES

Patent Period Started From 14/06/2011 and Will end on 13/06/2031

(57) Modifying zirconia surface in its pre-sintered stage is an easy and effective technique to improve bonding of zirconia based dental appliances to different surfaces. This surface treatment could be either additive or subtractive. Additive surface treatment relies on pre-sintered zirconia coating by materials as nano-silica or nano-calcium phosphate. During sintering, zirconia contracts and entraps part of the coating material between its grains. While subtractive surface treatment depends on presintered zirconia etching by acidic gel either washed before sintering or not. Thus, depending on the applied material before sintering, the result is highly adhered coat or roughened zirconia surface after sintering.