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



# GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN DECEMBER 2010"

**Egyptian Patent Office** 

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Mervet Tawfik Abd Allah Hoda Galal Abdou

### Revised by

Azza Abd Allah Abou EI - Naga Magdy Hassan Madbooly

# Supervised by

Mr. Adel El-Saeid Oweide

**Acting President of Patent Office** 

**Publisher: Egyptian Patent Office** 

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#### **Preface**

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

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

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

**Acting President of Patent Office** 

Mr. Adel El-Saeid Oweide

### Bibliographic data

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Application Number	21
Filing Date	22
Priority Number	
Priority Date	30
Priority Country	
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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>	
Code	Country
AE	United Arab emairates
AF	Afghanistan
AG	Antigua and Barbuda
AL	Albania <sup>)</sup>
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AO	Angola
AR	Argentina
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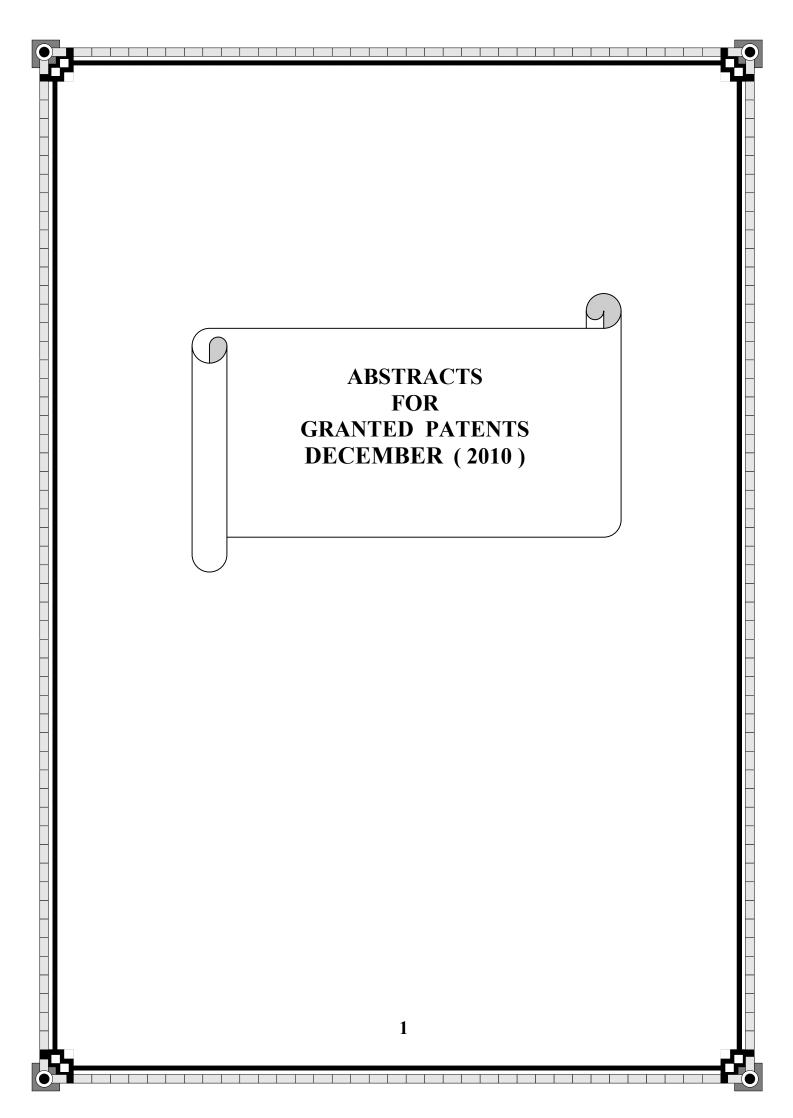
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IT	Italy
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JP	Japan
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KG	Kyrgyzstan
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KN	Saint Kitts and Nevis
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KR	Republic of Korea
KW	Kuwait
KZ	Kozakhstan
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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



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

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- (21) | PCT/NA2007/000775
- (44) June 2010
- (45) 01/12/2010
- (11) | YEAVA

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(30)	1. (GB) 0501731.4 - 31/01/2005 2. (PCT/GB2006/050011) - 18/01/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### (54) CATALYTIC REACTOR

#### Patent Period Started From 18/01/2006 and Will end in 17/01/2026

(57) A compact catalytic reactor for Fischer-Tropsch synthesis defines a multiplicity of first and second flow channels arranged alternately in the reactor, for carrying a gas mixture which undergoes Fischer-Tropsch synthesis, and a coolant fluid, respectively. Each first flow channel contains a removable gas-permeable catalyst structure incorporating a metal substrate. A multiplicity of flow paths are defined through the catalyst structure, and the voidage, that is to say the proportion of the cross-sectional area of the first flow channel constituted by the said multiplicity of flow paths, is between 25% and 75%. This provides an optimum balance between productivity and selectivity, so that operation of the reactor can be economic and controllable.

### **Arab Republic of Egypt Ministry of State for Scientific Research**

Academy of Scientific Research & Technology

Egyptian Patent Office



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(73)	1. MEDION DIAGNOTICS AG (SWITZERLAND ) 2.
(30)	1. (DE) 102004005139.9 - 02/02/2004 2. (PCT/EP2005/001027) - 02/02/2005 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

#### (54) TEST ELEMENT AND METHOD FOR TESTING BLOOD

#### Patent Period Started From 02/02/2005 and Will end in 01/02/2025

(57) A test element for diagnostic tests, particularly for testing blood prior to a transfusion. The test element comprises at least two test units for carrying out at least two tests. The test element is provided a fixing means for fixing said test element.



(22)	10/09/2004
(21)	1535/2008 June 2010 01/12/2010
(44)	<b>June 2010</b>
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(72	1. TONKIN, MARK 2. 3.
(73	) 1. 2.
(30	1. (GB) 0605322.7 – 16/03/2006 2. (PCT/GB2007/000953) – 16/03/2007 3.
(74	HODA AHMED ABD EL HADI
(12	) Patent

## (54) IRRIGATION DEVICE Patent Period Started From 16/03/2007 and Will end in 15/03/2027

(57) The present invention relates to irrigation systems for irrigating a growing medium. The irrigation systems of the invention comprise a helical tubular hydrophilic membrane or a corrugated tubular hydrophilic membrane. The invention also relates to methods of irrigating a growing medium, and helical tubular hydrophilic membranes for use in an irrigation system.

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Academy of Scientific Research & Technology

Egyptian Patent Office

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(44) June 2010

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, ,	2. ACKERMANN, DIETER, K, K,	5.	KUHN, MATTHIAS
	3. INOUE, CHIHARU		
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(30)	1. (EP) 07110025.9 – 12/06/2007		
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(74)	HODA AHMED ABD EL HADI		

# (54) PACKAGED CONCENTRATE FOR PREPARING A BOUILLON, SOUP, SAUCE, GRAVY OR FOR USE AS A SEASONING, THE CONCENTRATE COMPRISING XANTHAN AND CASSIA GUM

#### Patent Period Started From 25/02/2008 and Will end in 24/02/2028

(57) Packaged concentrates in jelly form for preparing a bouillon, broth, soup, sauce, gravy or for use as a seasoning, which concentrates comprises 20-80% water, 0.5-60% taste imparting components, 15-40% salt, and a gelling agent comprising xanthan and cassia gum.

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(30)	1. (US) 60/374.103 – 19/04/2002 2. 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

## (54) TESTOSTERONE GEL/MACROCYCLIC ENHANCER Patent Period Started From granted patent date and Will end in 18/04/2023

(57) A pharmaceutical composition comprising: (A) an androgen; (B) a cyclic enhancer of the type used in the compositions and methods claimed by U.S. Patent No. 5,023,252 to Hsieh; and (C) a thickening agent; including, for example, a composition in which the cyclic enhancer is a macrocyclic ester or a macrocyclic ketone; the use of the composition to treat a condition, for example, male hydrogonadism, in a patient by applying the composition to the membrane of the patient, and a method for making the composition.



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(72)	<ol> <li>INOUE, CHIHARU</li> <li>SUENRAM, WIEBKE</li> <li>3.</li> </ol>
(73)	1. 2.
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(74)	HODA AHMED ABD EL HADI
(12)	Patent

## (54) PACKAGED CONCENTRATE FOR PREPARING A BOUILLON, SOUP, SAUCE, GRAVY OR FOR USE AS A SEASONING, THE CONCENTRATE COMPRISING KONJAC MANNAN

#### Patent Period Started From 25/02/2008 and Will end in 24/02/2028

(57) Packaged concentrates in jelly form for preparing a bouillon, broth, soup, sauce, gravy or for use as a seasoning, which concentrates comprises 20-80% water, 0.5-60% taste imparting components, 15-40% salt, and a gelling agent comprising konjac mannan.

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#### **Egyptian Patent Office**



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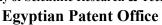
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(71)	1. OTSUKA PHARMACEUTICAL FACTORY INC ( JAPAN) 2. 3.
(72)	<ol> <li>NAGAO. KATSUYOSHI</li> <li>YOKOYAMA, TOSHIHARU</li> <li>KAWAKAMI, KEIICHI</li> </ol>
(73)	1. 2.
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(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) MULTIPLE-CHAMBER MEDICAL CONTAINER AND BAG FOR ENCLOSING SAME

#### Patent Period Started From 29/04/2003 and Will end in 28/04/2023

(57) A multiple-chamber medical container comprises a container body 5 having two chambers, for containing medicaments therein and a partitioning weak seal portion for separating chambers from each other, a medicinal outlet portion attached to the container body for discharging the medicaments from the chambers there through, and an openable small container disposed in the first chamber and having a medicament enclosed therein, the partitioning seal portion being openable so as to cause the chambers, to communicate with each other for use. The small container can be opened by the partitioning weak seal portion.

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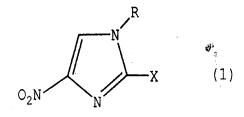
(11) | ₹ ٤ ٨ ٨ ٥

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(72)	<ol> <li>GOTO, FUMITAKA</li> <li>TAKEMURA, NORIAKI</li> <li>TADAAKI, OTANI</li> <li>HASEGAWA, TAKESHI</li> <li>TSUBOUCHI, HIDETSUGU</li> </ol>	6. UTSUMI, NAOTO 7. FUJITA, SHIGEKAZU 8. KURODA, HIDEAKI 9. SHITSUTA, TAKUYA 10. SASAKI, HIROFUM
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(30)	1. (JP) (2002/299896) – 15/10/2002 2. (JP) (2003/37914) – 17/02/2003 3. (PCT/JP2003/013134) – 14/10/2003	
(74)	MOHAMED MOHAMED BAKIR	
(12)	Patent	

## (54) SUBSTITUTED 4-NITROIMIDAZOLE COMPOUND AND PROCESS FOR PRODUCING THE SAME

#### Patent Period Started From 14/10/2003 and Will end in 13/10/2023

(57) A 1-substituted 4-nitroimidazole compound represented by the general formula (1): (1) [wherein R represents hydrogen, lower alkyl substituted by lower alkoxy, lower alkyl substituted by phenyl(lower alkoxy), lower alkyl substituted by cyano, phenyl(lower alkyl) optionally having as a substituent lower alkoxy on the phenyl ring, or a group represented by - CH2RA; and X represents halogeno or a group represented by S(O)n-R1]; or a salt of the compound. The compound of the general formula (1) is useful as an intermediate for various medicines and agricultural chemicals, especially as an intermediate for antitubercular agents.





<b>(22)</b>	10/04/2007
(21)	0165/2007

(44) July 2010

(45) 12/12/2010

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(71)	1. YOUSSRY MOHAMOUD MAHMOUD IBRAHIM (EGYPT) 2.
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(72)	1. YOUSSRY MOHAMOUD MAHMOUD IBRAHIM (EGYPT)
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	3.
(74)	AHMED FEISAL
(12)	Patent

#### (54) THE NATURAL COMPOUND ORE

#### Patent Period Started From 10/04/2007 and Will end in 09/04/2027

(57) The present invention relates to a method and natural compound from 18 element for treanig soil and plants. The method comprises treating the plants by depositing the natural compound ore at the planting position. The method further comprises also providing a natural process to control the soil ph and protection agaist plant diseases by slowly release for the elements throw the elements decomposition.



- (22) 12/02/2007
- (21) | PCT/NA2007/000165
- (44) May 2010
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(71)	1. FIRST-TO-MARKET N.V (BELGIUM) 2. 3.
(72)	1. DE BAETS, SOPHIE 2. 3.
(73)	1. SWEETWELL N.V (BELGIUM) 2.
(30)	1. (EP) 04103889.4 – 12/08/2004 2. (EP) 04447297.5 – 24/12/2004 3. (PCT/EP2005/008810) – 12/08/2005
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) FUNCTIONAL SUGAR REPLACEMENT Patent Period Started From 12/08/2005 and Will end in 11/08/2025

(57) The present invention is related to a functional food ingredient, which replaces sugar on a 1/1 weight and/or volume basis in food recipes containing sucrose, with a substantial caloric reduction in view. More than an ingredient, it has to be seen as a functional ingredient, since it possesses some health promoting effects. The functional food replacement for sucrose according to the present invention comprises prebiotic fibres and sweeteners, and possibly other non selective fibres, minerals, vitamins and probiotic strains.

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#### **Egyptian Patent Office**



- (22) 25/12/2007
- (21) | PCT/NA2007/001463
- (44) July 2010
- (45) 13/12/2010
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(72)	<ol> <li>KOPP, REINER</li> <li>RICHTER, HANS-PETER</li> <li>RŐSE, HEINRICH</li> </ol>
(73)	1. 2.
(30)	1. (DE) 10-2006-024775.2 - 27/05/2006 2. (PCT/EP2007/003832) - 02/05/2007 3.
(74)	WAGDY NABEH AZIZE
(12)	Patent

## (54) ROLLING STAND, ROLLING TRAIN AND METHOD OF ROLLING A METAL STRIP

#### Patent Period Started From 02/05/2007 and Will end in 01/05/2027

(57) The invention relates to a rolling stand, a rolling train and a method of rolling a metal strip preprofiled in a stepped manner. In order to ensure that the metal strip is free from corrugations in the longitudinal direction of the metal strip even after a thickness reduction with respect to individual steps, it is proposed according to the invention that the thickness reduction be carried out with respect to specific steps while taking into account the following mathematical interrelationship: Δhj/hj = Δhi+i/hi+1 = &egr; = constant, where Δhj represents the amount of thickness reduction in the region of the ith step and ht represents the size of the resulting thickness of the metal strip 200 after the rolling in the region of the ith step.

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

#### **Egyptian Patent Office**



- (22) 06/05/2007
- (21) PCT/NA2007/000451
- (44) July 2010
- (45) 13/12/2010
- (11) | ₹ ₹ ٨ ٨ ٩

(51)	Int. Cl. <sup>8</sup> B01J 19/24& B01F 3/04, 5/04
(71)	<ol> <li>SOLVAY (SOCIETE ANONYME) (BELGIUM)</li> <li>3.</li> </ol>
(72)	<ol> <li>STREBELLE, MICHEL</li> <li>LEMPEREUR, MICHEL</li> <li>3.</li> </ol>
(73)	1. 2.
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(74)	WAGDY NABEH AZIZE
(12)	Patent

## (54) REACTOR AND METHOD FOR REACTING AT LEAST TWO GASES IN THE PRESENCE OF A LIQUID PHASE

#### Patent Period Started From 18/11/2005 and Will end in 17/11/2025

(57) The present invention relates to a reactor and method for reacting at least two gases in the presence of a liquid phase, the reactor being provided with an external liquid phase circulation device and comprising at least one injector for injecting the gases and the externally circulated liquid phase, the said injector being such that the mixing of the gases together and with the externally circulated liquid phase only begins at the outlet of the injector.



(21) PCT/NA2007/001 1 1 Y

(44) July 2010

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(30)	1. (IT) (MC2005A000036) – 29/04/2005 2. (PCT/IT2006/000265) – 20/04/2006 3.
(74)	WAGDY NABEH AZIZE
(12)	Patent

## (54) HIGH-POWER DOUBLE BURNER FOR GAS COOKERS, WITH MULTIPLE CONCENTRIC FLAME CROWNS Patent Period Started From 20/04/2006 and Will end in 19/04/2026

(57) The present invention refers to a double burner for gas cookers with multiple concentric flames, characterised by high power and compact height, which comprises five Venturi mixing chambers, i.e. one central chamber with vertical axis that feeds the central burner and four regularly spaced chambers with inclined axis that feed the external annular burner.

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#### **Egyptian Patent Office**



- (22) 11/11/2007
- (21) PCT/NA2007/001 Y 1 9
- (44) July 2010
- (45) 13/12/2010
- (11) 7 5 8 9 1

(51)	Int. Cl. <sup>8</sup> B21B 3/00	
(71)	<ol> <li>SMS DEMAG AG (GERMANY)</li> <li>3.</li> </ol>	
(72)	<ol> <li>RICHTER, HANS-PETER</li> <li>WEINGARTEN, LUDWIG</li> <li>PAWELSKI, HARTMUT</li> </ol>	4. LINK, RAINER 5. MULLER, WOLFHEINRICH
(73)	1. 2.	
(30)	1. (DE) 0102005031805.3 – 07/07/2005 2. (PCT/EP 2006/006590) – 06/07/2006 3.	
(74)	WAGDY NABEH AZIZE	
(12)	Patent	

## (54) METHOD AND PRODUCTION LINE FOR MANUFACTURING METAL STRIPS MADE OF COPPER OR COPPER ALLOYS

#### Patent Period Started From 06/07/2006 and Will end in 05/07/2026

(57) Disclosed are a method and a production line for manufacturing metal strips made of copper or copper alloys by means of casting and rolling. In order to lower the investment cost and operating expenses therefore, the melt is cast into a copper strip in a vertical and/or horizontal continuous strip casting process, and the hot copper strip is cleaned by milling the top and bottom face thereof, is subjected to a cold rolling process, and is prepared for shipping, or is subjected to an inspection and then prepared for shipping after being annealed, pickled, washed dried and optionally temper rolled.



 $(22) \mid \cdot \lor / \cdot \lor / 2008$ 

(21) 001146/2008

(44) July 2010

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(11) | ₹ ٤ ٨ 9 ₹

(51)	Int. Cl. <sup>8</sup> B22D 11/124	
(71)	1. SMS DEMAG AG (GERMANY) 2. 3.	
(72)	<ol> <li>PLOCIENNIK UWE</li> <li>KEMPKEN JENS</li> <li>JONEN PETER</li> </ol>	4. SCHUSTER INGO 5. BÖCHER TILMANN
(73)	1. 2.	
(30)	1. (DE) 102006001464.2 – 11/01/2006 2. (DE) 102006056683.1 – 30/11/2006 3. (PCT/EP2006/012560) – 28/12/2006	
(74)	WAGDY NABEH AZIZE	
(12)	Patent	

#### (54) METHOD AND APPARATUS FOR CONTINUOUS CASTING

#### Patent Period Started From 28/12/2006 and Will end in 27/12/2026

(57) The invention relates to a method for the continuous casting of slab, thin slab, bloom, preliminary section, round section, tubular section or billet strands and the like from liquid metal in a continuous casting plant in which metal discharges perpendicularly downwards from a mould, wherein the metal strip is then guided vertically downwards along a perpendicular strand guide and is cooled in the process, wherein the metal strip is then defelcted from the vertical direction into the horiziontal direction and wherein mechanical forming of the metal strip is effected in the final region of the deflection into the horizonal direction or after the deflection into the horizontal direction. In order to obtain a surface which has as little scale as possible, provision is made according to the invention for the metal strip to be cooled with a heat transfer coefficient of between 2500 and 20 000 W/(m2 K) in a first section (6, 6A, 6B) in the conveying direction of the metal strip downstream of the mould and upstream of the mechanical forming, wherein the surface of the metal strip is heated to a temperature above Ac3 or Ar3 in the conveying direction (F) downstream of the cooling in a second section by heat compensation in the metal strip without or with reduced cooling of the surface of the metal strip, after which, in a third section, the mechanical forming is effected. The invention also relates to a continuous casting plant, in particular for carrying out this method.



(21) 001077/2008

(44) July 2010

(45) | 13/12/2010

(11) | YENGT

(51)	Int. Cl. <sup>8</sup> B23K 37/04
(71)	1. SMS DEMAG AG (GERMANY) 2. 3.
(72)	1. SOHL RALF-HARTMUT 2. DE KOCK PETER 3. TOMZIG MICHAEL
(73)	1. 2.
(30)	1. (DE) 102006020272.4 - 27/04/2006 2. (DE) 102006056481.2 - 30/11/2006 3. (PCT/EP2007/003456) - 20/04/2007
(74)	WAGDY NABEH AZIZE
(12)	Patent

## (54) APPARATUS FOR THE CONNECTION OF STRIPS Patent Period Started From 20/04/2007 and Will end in 19/04/2027

(57) The invention relates to an apparatus and a method for clamping, cutting, and joining strips to a continuous strip. Said device comprises a clamping device (125), a cutting device (155), and a joining device (195). The clamping device, cutting device, and joining device are kinematically coupled to each other.



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(51)	Int. Cl. <sup>8</sup> B21B 37/44	
(71)	1. SMS DEMAG AG ( GERMANY ) 2. 3.	
(72)	<ol> <li>PAWELSKI HARTMUT</li> <li>WEINGARTEN LUDWIG</li> <li>GIESELER FRIEDHELM</li> </ol>	4. JOLLET PETER 5. RICHTER HANS-PETER
(73)	1. 2.	
(30)	1. (DE) 102005042020.6 - 02/09/2005 2. (PCT/EP2006/008359) - 25/08/2006 3.	
(74)	WAGDY NABEH AZIZE	
(12)	Patent	

## (54) METHOD FOR LUBRICATING AND COOLING ROLLERS AND METAL STRIPS ON ROLLING IN PARTICULAR ON COLD ROLLING OF METAL STRIPS

#### Patent Period Started From 25/08/2006 and Will end in 24/08/2026

(57) The invention relates to a method for lubricating and cooling rollers and metal strips on rolling in particular, on cold rolling of metal strips, wherein, on the inlet side a minimal amount of pure lubricant without a high water content is continuously supplied in an online controlled manner with a controlled viscosity and lubricity depending on a number of process data measurements by means of a physical computer model and the equivalent process data measurements from the outlet side are also used online by the physical computer model.



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(51)	Int. Cl. <sup>8</sup> B01D 61/06 & C02F 1/44	
(71)	<ol> <li>MANTH THOMAS (GERMANY)</li> <li>DÜCHTING, WOLFGANG (GERMANY)</li> <li>OKLEJAS, ELI (UNITED STATES OF AMEI</li> </ol>	RICA)
(72)	<ol> <li>MANTH, THOMAS</li> <li>OKLEJAS, ELI</li> <li>DÜCHTING, WOLFGANG</li> </ol>	4. GABOR, MICHAEL
(73)	1. 2.	
(30)	1. (PCT/EP2003/00602) – 22/01/2003 2. (PCT/EP2003/05390) – 23/05/2003 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

## (54) UNIT AND METHOD FOR WATER DESALINATION INSTALLATION BY USING REVERSE OSMOSIS Patent Period Started From 18/01/2004 and Will end in 17/01/2024

(57) The invention relates to a water desalination installation for the desalination of seawater according to the reverse osmosis method. This installation comprises at least one membrane module that is connected with a raw water feed line, via which raw water is supplied by means of a high-pressure pump; with a permeate line, via which the desalinated water is discharged; and with a concentrate line, via which concentrated salt water is discharged. For permitting the pressure to be adapted in the raw water feed line to the salt content and the temperature of the water to be desalinated, and for increasing at the same time the energy efficiency of such a water desalination installation, the invention proposes that provision is made for an energy recovery unit that comprises a motor-driven pressure booster pump arranged in the raw water feed line either before the high-pressure pump or between the high-pressure pump and the membrane module; and a turbine that is arranged in the concentrate line and mechanically coupled with the pressure booster pump.



<b>(22)</b>	23/11/2008

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(44) July 2010

(45) | 13/12/2010

(11) | ٢٤٨٩٦

(51)	Int. Cl. 8 B65D 81/127
(71)	1. SYSTEM S. P. A (ITALY) 2. 3.
(72)	1. TORO ANDREA 2. 3.
(73)	1. 2.
(30)	1. (IT) (MO2006 A 000200) – 20/06/2006 2. (PCT/IB2007/001580) – 23/05/2007 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) A BLANK FOR PACKING SUBSTANTIALLY FLAT ARTICLES, A METHOD AND MACHINE FOR MAKING THE BLANK

#### Patent Period Started From 23/05/2007 and Will end in 22/05/2027

(57) The invention relates to a blank, a method and a machine for realizing the blank. The blank is constituted by four lengths which are consecutively joined to form a structure or frame which can be folded around one or more flat articles or tiles to be packed. The machine and the method for realising the blanks include supplying identical panels of cardboard which are joined to constitute a continuous strip and which are subsequently cut to correspond to lengths of sides of the tiles. Each length is joined to a consecutive length by deposits of glue.



 $(21) \cdot 0232/2008$ 

(44) July 2010

(45) | 13/12/2010

(11) | YEA9V

(51)	Int. Cl. <sup>8</sup> G01V 1/28
(71)	1. PRAD RESEARCH AND DEVELOPMENT N. V. (NETHERLANDS) 2. 3.
(72)	1. SAYERS COLIN M. 2. BIRCHWOOD RICHARD A 3.
(73)	1. PRAD RESEARCH AND DEVELOPMENT LIMITED (BRITISH VIRGIN ISLANDS) 2.
(30)	1. (US) (60/595.814) – 08/08/2005 2. (US) (11/499.931) – 07/08/2006 3. (PCT/US2006/030885) – 08/08/2006
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) METHOD AND SYSTEM FOR PRE-DRILL PORE PRESSURE PREDICTION

#### Patent Period Started From 08/08/2006 and Will end in 07/08/2026

(57) A method for pore pressure prediction. The method includes obtaining a stress sensitivity coefficient, obtaining a compressional wave (P-wave) velocity and a shear wave (S-wave) velocity for a pre-drill location and obtaining a first predicated pore pressure. Further, the method includes iteratively performing calculating a total stress value associated with the pre-drill location using the first predicated pore pressure associated with the pre-drill location, and calculating a second predicted pore pressure relationship equation, a stress-velocity relationship equation, the stread sensitivity coefficient, a reference location, and at least one selected from a group consisting of the P-wave velocity and the S-wave velocity for the pre-drill location, and adjusting a drilling operation associated with the pre-drill location, bassed on the second predicated pore pressure

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#### (22) 30/07/2008

- (44) July 2010
- (45) 14/12/2010
- (11) | YEAGA

Int. Cl. 8 H02B 1/06
1. BTICINO S. P. A ( ITALY ) 2. 3.
1. FABRIZI FABRIZIO 2. 3.
1. 2.
1. (IT) (RM 2006 A 000123) – 09/03/2006 2. (PCT/IT 2007/000127) – 23/02/2007 3.
MAURICE W. MOUSSA Patent

## (54) ELECTRICAL EQUIPMENT WITH RECONFIGURABLE FRONTAL PORTION

#### Patent Period Started From 23/02/2007 and Will end in 22/02/2027

(57) Electrical equipment to be installed in an electrical switchboardprovided with a panel in which a substantially quadrangular window is defined, the electrical equipment including a substantially box-like body with a frontal portion projecting from a face of said body having a first dimension substantially similar to a side of the quadrangular window such that said frontal portion can be received within said window, characterized in that the frontal portion includes a fitting element that can be removably associated with said face of the box-like body to reconfigure said frontal portion by varying said first dimension.



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(21) PCT/NA2007/001075

(44) July 2010

(45) | 14/12/2010

(11) | YEA99

(51)	Int. Cl. 8 H01H 13/14, 13/60, 13/02
(71)	1. BTICINO S. P. A ( ITALY ) 2. 3.
(72)	1. CALDERARA ENNIO 2. 3.
(73)	1. 2.
(30)	1. (IT) (RM 2005 A 000163) – 07/04/2005 2. (PCT/IT 2006/000218) – 03/04/2006 3.
(74)	MAURICE W. MOUSSA
(12)	Patent

## PUSH-BUTTON SWITCH Patent Period Started From 03/04/2006 and Will end in 02/04/2026

(57) The present invention relates to a push-button switch comprising a box-like supporting structure definig an inner chamber, the box-like structure having at least one opening communicating with the inner room and having an opening axis (Z-Z) a push-button to be matched with the supporting structure at said opening mechanical coupling means for coupling the push-buttonto said structure such that the push-button is allowed to be fastened to the supporting structure while being movable relative thereto in a direction substantially parallel to the opening axis (Z-Z). The push-button switch is characterized in that the mechanical coupling means include a holding and guide frame for the push-button, which can be fixed to the supporting structure and can be interposed between the push-button and the structure.

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#### **Egyptian Patent Office**



- (22) 27/08/2008
- (21) 001444/2008
- (44) July 2010
- (45) 14/12/2010
- (11) 24900

(51)	Int. Cl. <sup>8</sup> F02D 45/00
(71)	1. MITSUBISHI HEAVY INDUSTRIES LTD ( JAPAN ) 2. 3.
(72)	1. SUZUKI, HAJIME 2. SAEKI ,YASUHIRO 3. ISHIDA, ICHIROU
(73)	1. 2.
(30)	1. (JP) 2006-267361 – 29/09/2006 2. (PCT/JP2007/069325) – 26/09/2007 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) OPERATION METHOD OF ENGINE DURING ABNORMAL COMBUSTION AND OPERATION CONTROLLER

#### Patent Period Started From 26/09/2007 and Will end in 25/09/2027

(57) An operation method of an engine during abnormal combustion in which operation control of the engine can be performed appropriately after fuel supply interruption to a heavy knock-inflicted cylinder without stopping the engine immediately upon detection of occurrence of heavy knock. An operation controller during abnormal combustion is also provided. The operation method of an engine during abnormal combustion by which the engine is stopped or an output limit operation is performed upon occurrence of abnormal combustion in the engine having a plurality of cylinders capable of correcting the combustion state stepwise or continuously by fuel regulation including fuel interruption, characterized in that an abnormal combustion simulation signal obtained by calculating the abnormal combustion state of the engine cumulatively is preset, combustion state detection signal of a cylinder selected sequentially from among the plurality of cylinders is compared with the abnormal combustion simulation signal in order to judge occurrence of abnormal combustion in the selected cylinder, and then fuel supply to the selected cylinder is interrupted.

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#### **Egyptian Patent Office**



- (22) \·\/\\\\/200\\
- (21) PCT/NA2007/00 · · \ Y
- (44) July 2010
- (45) 14/12/2010
- (11) 24901

(51)	Int. Cl. <sup>8</sup> A47G 1/14
(71)	1. MAINETTI S. P. A (ITALY) 2. 3.
(72)	1. MAINETTI, MARIO 2. 3.
(73)	1. 2.
(30)	1. (IT) (VI 2004 A 000168) – 09/07/2004 2. (IT) (VI 2005 A 00007) – 14/01/2005 3. (PCT/EP 2005/007172) – 09/07/2005
(74) (12)	SAMAR AHMED EL LABBAD Utility Model

#### (54) CROWN SIZER

#### Patent Period Started From 09/07/2005 and Will end in 08/07/2012

(57) The finding relates to an crown sizer for application on objects to be identified, in particular on hangers and the like, of the type that is assembled by inserting it over the hook of said hangers and then positioned coaxially with a pawl, protruding from the arched structure of the hanger and that composes the reinforcing base of the hook. Such crown sizer is characterised in that it foresees internally one or more elastic protrusions which, in operational stage, penetrate into the pawl of the hook or into the body of the arched structure in order to form a clip attachment of said crown sizer.



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- (21) PCT/NA2005/00 · 714
- (44) July 2010
- (45) |14/12/2010
- (11) 24902

(51)	Int. Cl. 8 A01N43/54 & C07D239/02
(71)	1. SUMITOMO CHEMICAL COMPANY,LIMITED (JAPAN) 2. 3.
(72)	1. MIZUNO ,HAJIME 2. MANABE ,AKIO 3.
(73)	1. 2.
(30)	1. (JP) 2003-132663 - 12/05/2003 2. (JP) 2003-404230 - 03/12/2003 3. (PCT/JP2004/006586) - 10/05/2004
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) PYRIMIDINE COMPOUNDS AND PESTS CONTROLLING COMPOSITION CONTAINING THE SAME Patent Period Started From 10/05/2004 and Will end in 09/05/2024

(I):wherein R¿1? represents a hydrogen atom, halogen atom or C1-C4 alkyl; R¿2? represents C3-C7 alkynyloxy; R¿3? represents a hydrogen atom, halogen atom or C1-C3 alkyl; X represents C4-C7 polymethylene, in which a CH?2#191-CH?2#191 may be replaced with a CH=CH, optionally substituted with at least one substituent selected from the group consisting

of halogen atoms, trifluoromethyl and C1-C4 alkyls. This pyrimidine compound has an excellent activity of controlling pests.



(21) | • • • • • • • /2008

(44) July 2010

(45) |15/12/2010

(11) 24903

(51)	Int. Cl. <sup>8</sup> A01C 1/04
(71)	1. BENTLE PRODUCTS AG (SWITZERLAND) 2. 3.
(72)	1. AHM, POUL, HENRIK 2. 3.
(73)	1. 2.
(30)	1. (DK) PA 200501727 – 06/12/2005 2. (PCT/DK 2006/000691) – 06/12/2006 3.
(74)	NAZEEH A.SADEK ELIAS
(12)	Patent

# (54) A GERMINATING UNIT AS WELL AS A SEED TAPE INCLUDING SEVERAL OF SUCH GERMINATING UNITS SUCCESSIVELY ARRANGED

#### Patent Period Started From 06/12/2006 and Will end in 05/12/2026

(57) A germinating unit includes at least one seed as well as additives. The germinating unit includes a carrier material penetrable by a root tip and/or a sprout extending from the seed. The carrier material can fix the orientation of the seed. Several germinating units can be joined to form a seed tape. The seed tape includes a longitudinal tissue. The carrier material portions (2a, 2b, 2c) cover or include their respective seed (3a, 3b, 3c). When the seed(s) have been inserted in the carrier material through a cut in said carrier material or through insertion of a tube therein, said seed(s) main tain (s) its/their position relative to the germinating unit because said carrier material squeezes about or retains said seed.



(22) |14/09/2008

(21) \( \cdot 01529/2008 \)

(44) July 2010

(45) 15/12/2010

(11) 24904

(51)	Int. Cl. <sup>8</sup> G01R 29/12 & G01V 1/38
(71)	1. ADVANCED HYDROCARBON MAPPING AS (NORWAY) 2. 3.
(72)	<ol> <li>FAINBERG, EDUARD, B.</li> <li>BARSUKOV, PAVEL</li> <li>SINGER, BENSION, SH</li> </ol>
(73)	1. 2.
(30)	1. (NO) 20061220 – 15/03/2006 2. (PCT/NO2007/000095) – 12/03/2007 3.
(74)	NAZEEH A.SADEK ELIAS
(12)	Patent

## (54) ELECTRIC FIELD SENSOR FOR MARINE ENVIRONMENTS Patent Period Started From 12/03/2007 and Will end in 11/03/2027

(57) A sensor for marine measurements of an electric field, the sensor including at least two electrodes; signal transmission means for transmitting measured signals from the sensor to a signal processing unit; at least two closed containers which are formed of a non conductive material and are filled with an electrolyte; at least two flexible hoses formed of an electrically non conductive material; there being attached in a fluid communicating manner to each of the containers at least one first host end and a second hose end being open and attached to means for exact positioning of the second hose end the hoses being arranged to be filled with a medium of the same type as that, in which the sensor (S) is arranged to be immersed in an operative condition; and two containers forming a pair of containers, the two containers, relatively, being placed close to each other under approximately identical thermal, pressure and chemical conditions.

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### **Egyptian Patent Office**



- (22) |13/05/2008
- (21) ... ٧٨٤/2008
- (44) May 2010
- (45) 15/12/2010
- (11) 24905

(51)	Int. Cl. 8 F03G 3/00	
(71)	1. SU WEIXING (CHINA) 2. 3.	
(72)	1. SU WEIXING 2. 3.	
(73)	1. 2.	
(30)	1. 200510125211.9 – 16/11/2005 2. (PCT/CN2006/002397) – 14/09/2006 3.	
(74)	MOHSEN ANWAR HASSAN	
(12)	Patent	

#### (54) GENERATOR DEVICE WITH BOTH DRIVING UNITS

### Patent Period Started From 14/09/2006 and Will end in 13/09/2026

(57) A generator device with both driving units is provided, in which there are a support bracket a frame mounted thereon, on which a generator a control system, a direction-adjustable system, a direction-adjustable motorand a protective system are provided; transmission mechanisms, hydraulic pressure controlling brake mechanisms speed change mechanisms and rotating mechanisms are separately provided at both ends of the generator they are sequentially assembled with parts and electrical elements by connecting fittings according to demand.

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### **Egyptian Patent Office**



(22) 04/06/2008

(21) . . . 9 7 . /2008

(44) July 2010

(45) 15/12/2010

(11) 24906

(51)	Int. Cl. <sup>8</sup> B28B 21/52
(71)	1. ITALCEMENTI S. P. A (ITALY)
	2.
	3.
(72)	1. GUERRINI GIAN LUCA
(, -)	2. ALFANI ROBERTA
	3.
(73)	1.
	2.
(30)	1. (IT) (MI2005A002356) – 09/12/2005
(00)	2. (PCT/EP2006/011809) – 06/12/2006
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

# (54) PROCESS FOR THE PRODUCTION OF PIPING MADE OF A CEMENTITIOUS MATERIAL HAVING A CIRCULAR SECTION Patent Period Started From 06/12/2006 and Will end in 05/12/2026

(57) The present invention relates to a process for the production by extrusion of piping made of a cementitious material having a circular section and fine thickness, suitable for the channelling of liquids and gases at atmospheric operating pressure or slightly higher.



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(44) July 2010

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(11) 24907

(51)	Int. Cl. <sup>8</sup> B04C 5/15 & B01D 17/00
(71)	1. TYPHONIX AS (NORWAY) 2. 3.
(72)	1. HUSVEG, TRYGVE 2. 3.
(73)	1. 2.
(30)	1. (NO) 20053930 – 23/08/2005 2. (PCT/NO2006/000294) – 14/08/2006 3.
(74) (12)	SAMAR AHMED EL LABBAD Patent

(54)	CHOKE VALVE DEVICE		
	Patent Period Started From 14/08/2006 and Will end in 13/08/2026		

(57) Summary An arrangement for a control valve for controlling pressure and flow rate of a fluid, the fluid flowing via an inlet into the control valve being brought to rotate about a main flow axis before the fluid, at least with reduced pressure or speed energy, flows via an outlet opening from the control valve and where at least one inlet port communicating with the inlet being provided tangentially in relation to an inlet portion of the speed reduction chamber located in the control valve, and where the speed reduction chamber, provided substantially concentric with the main flow axis, is divergent over at least the first portion of the main flow direction.

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### **Egyptian Patent Office**



- (22) |15/10/2006
- (21) PCT/NA2006/000981
- (44) July 2010
- (45) 15/12/2010
- (11) | 24908

(51)	Int. Cl. <sup>8</sup> H04B 1/38
(71)	<ol> <li>FLARION TECHNOLOGIES, INC (UNITED STATES OF AMERICA)</li> <li>3.</li> </ol>
(72)	<ol> <li>LAROIA, RAJIV</li> <li>LI, JUNYI</li> <li>LANE, FRANK, A.</li> </ol>
(73)	1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA) 2.
(30)	1. (US) 60/562.900 – 15/04/2004 2. (US) 10/872.674 – 21/06/2004 4. (US) 10/964.946 – 14/10/2004 3. (PCT/US2004/034226) – 15/10/2004
(74)	SAMAR AHMED EL LABBAD
$\overline{(12)}$	Patent

# (54) METHODS AND APPARATUS FOR SELECTING BETWEEN MULTIPLE CARRIERS BASED ON SIGNAL ENERGY MEASUREMENTS

#### Patent Period Started From 15/10/2004 and Will end in 14/10/2024

(57) Carrier frequency selection and handoff initiation methods in wireless communications systems employing multiple carrier frequencies are described. Although the receiver is tuned to a single band, based on the relative energy of one or more beacon signal components corresponding to the currently used carrier and one or more beacon signal components corresponding to an alternative carrier, a carrier selection and a handoff determination is made. Mobile nodes can use a single RF chain with a controllable RF filter to receive and process a signal within a first selected carrier band including components from different transmitters, e.g., a first signal component identified with the first currently selected band and a second signal component identified with a second alternative band. The signal components, e.g., beacon signal components from different transmitters may be obtained from a signal which corresponds to multiple symbol transmission time periods. Separate signal energy measurements are performed on the first and second signal components. The signal component energy is compared, and a determination is made as to whether a handoff should be initiated.

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

#### **Egyptian Patent Office**



- (22) 24/12/2006
- (21) PCT/NA2006/001257
- (44) July 2010
- (45) 15/12/2010
- (11) 24909

(51)	Int. Cl. <sup>8</sup> E21B 43/08
(71)	1. SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ BV ( NETHERLANDS ) 2. 3.
(72)	<ol> <li>BAAIJENS, MATHEUS NORBERTUS</li> <li>CORNELISSENE, ERIK KERST</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (EP) 04253821.5 - 25/06/2004 2. (PCT/EP2005/052947) - 23/06/2005 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) SCREEN FOR CONTROLLING OF THE INFLOW OF THE SAND PRODUCTION IN WELLBORE

#### Patent Period Started From 23/06/2005 and Will end in 22/06/2025

(57) This invention is related to a wellbore screen for controlling of the inflow of solid particles into a wellbore. The wellbore screen comprises a conduit for transporting fluid, an outer layer comprising a filter for reducing inflow of solid particles into the conduit, the outer layer extending around the conduit and being radially expandable against the wellbore wall, and swelling means arranged between the conduit and the outer layer. The swelling means is susceptible of swelling upon contact with a selected fluid so as to radially expand the outer layer against the wellbore wall.



(22)  25/12/2006
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(21) PCT/NA2006/001268

(44) July 2010

(45) 19/12/2010

(11) 24910

(51)	Int. Cl. <sup>8</sup> C08F 10/02 & B01J 12/21, 31/16		
(71)	1. CHEVERON PHILLIPS CHEMICAL COMPANY LP (UNITED STATES OF AMERICA)		
(, -)	2.		
	3.		
(72)	1. JENSEN, MICHAEL	4. ROLFING, DAVID C	7. SUKHADIA, ASHISH
(, -)	2. MARTIN, JOEL L.	5. YANG, QING	8. YU, YOULÚ
	3. MCDANIEL, MAX P.	6. THORN, MATTHEW G.	9. LANIER, JERRY T.
(73)	1.		
(10)	2.		
(30)	1. (US) 10/876930 – 25/06/2004		
(50)	2. (PCT/US2005/022998) – 27/06/2005		
	3.		
( <b>-</b> 4)			
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

# (54) POLYMERIZATION CATALYSTS FOR PRODUCING POLYMERS WITH LOW LEVELS OF LONG CHAIN BRANCHING

#### Patent Period Started From 27/06/2005 and Will end in 26/06/2025

(57) This invention relates to catalyst compositions, methods, and polymers encompassing a Group 4 metallocene with bridging h5-cyclopentadienyl-type ligands, in combination with a cocatalyst and an activator-support. The compositions and methods disclosed herein provide ethylene polymers with low levels of long chain branching.



(22)	13/11	<b>/2006</b>
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- (21) PCT/NA2006/001086
- (44) July 2010
- (45) 19/12/2010
- (11) | 24911

(51)	Int. Cl. 8 B65D 8/18
(71)	1. REXAM BEVERAGE CAN COMPANY (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>TURNER, TIMOTHY</li> <li>FORREST, RANDALL G</li> <li>GOPALASWAMY, RAJESH</li> </ol>
(73)	1. 2.
(30)	1. (US) 10/846.259 – 14/05/2004 2. (PCT/US2005/016546) – 12/05/2005 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

# (54) CAN END Patent Period Started From 12/05/2005 and Will end in 11/05/2025

(57) A can end member has a center panel, a circumferential chuck wall, and a transition wall. The center panel is centered about a longitudinal axis and has a peripheral edge. The center panel also has a step portion located radially outwardly from the longitudinal axis. The step portion has an annular convex portion joined to an annular concave portion and displaces at least a portion of the center panel vertically in a direction parallel to the longitudinal axis. The curl defines an outer perimeter of the end member. The circumferential chuck wall extends downwardly from the curl to the transition wall. The transition wall connects the chuck wall with the peripheral edge of the center panel. The transition wall comprises a folded portion. The folded portion has a first leg, a second leg, and a third leg. The first leg is directly connected to the chuck wall and joined to the second leg by a concave annular portion. The second leg is joined to the third leg by a convex annular portion, and the third leg is joined to the center panel. The convex annular portion has a radius of curvature greater than 0.002 ins.



(22)	27/12/2006
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(21) PCT/NA2006/001277

(44) July 2010

(45) | 19/12/2010

(11) 24912

(51)	Int. Cl. 8 B01J 8/02
(71)	1. METHANOL CASALE S.A (SWITZERLAND) 2. 3.
(72)	<ol> <li>FILIPPI, ERMANNO</li> <li>RIZZI, ENRICO</li> <li>TAROZZO, MIRCO</li> </ol>
(73)	1. 2.
(30)	1. (EP) 04015139.1 – 28/06/2004 2. (PCT/EP2005/006256) – 10/06/2005 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

# (54) METHOD FOR CONTROLLING THE TEMPERATURE OF EXOTHERMIC CATALYTIC REACTIONS

### Patent Period Started From 10/06/2005 and Will end in 09/06/2025

(57) A method for controlling the temperature of an exothermic reaction and providing simultaneous production of steam is based upon the use of heat exchanger crossed by boiling water along an internal path, extending between an inlet opening for boiling water and an outlet opening and This method characterized that the said heat exchanger is fed with a further water having temperature lower than the temperature of said boiling water and thus can control the temperature of interaction.



(22) 08/04/2003

 $(21) | \cdot \forall \forall /2003$ 

(44) July 2010

(45) 19/12/2010

(11) 24913

(51)	Int. Cl. <sup>8</sup> F03B 13/08
(71)	1. VA TECH HYDRO GMBH & CO ( AUSTRIA ) 2.
	3.
<b>(72)</b>	1. NICHTAWITZ ALOIS
	2.
	3.
(73)	1.
	2.
(30)	1.
, ,	2.
	3.
(74)	SAMAR AHMED EL LABBAD
<b>(12)</b>	Patent

# (54) TURBINE WITH A TUBE CONNECTED DOWNSTREAM Patent Period Started From 08/04/2003 and Will end in 07/04/2023

(57) The use of turbines or turbine-generator assemblies to generate electric power has so far required that the tubes disposed downstream thereof, for example suction tubes, are completely submersed in the downstream water. In order to allow for the operation with low or no water level downstream of the turbine using a subsequent tube, the invention discloses a turbine or a turbine-generator assembly, especially a module of such turbine-generator assemblies, which is provided with a means which can at least partially prevent a flow separation from the tube so that the turbine can be operated with an excellent efficiency even when the tube is not completely submersed in the downstream water but leads partially or even completely to the exterior.



(22)	13/01	/2008

 $(21) \quad | \cdots \rangle \frac{\xi}{2008}$ 

(44) June 2010

(45) 21/12/2010

(11) 24914

(51)	Int. Cl. 8 A61F 13/532 & 13/15
(71)	1. SCA HYGIENE PRODUCTS AB (SWEDEN) 2. 3.
(72)	<ol> <li>WALLSTRÖM LEIF</li> <li>ELFSBERG CAMILLA</li> <li>WALLSTRÖM LEIF</li> </ol>
(73)	1. 2.
(30)	1. (PCT/SE 2005/001150) 13/07/2005 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

# (54) ABSORBENT ARTICLE HAVING IMPROVED FIT Patent Period Started From 13/07/2005 and Will end in12/07/2025

(57) The present invention relates to an absorbent article having front crotch and rear portions. The atricle comprises an absobent core of unitary construction and of uniform density, which is defined by a pair of opposing longitudinal edges and a second region and a pair of opposing transverse edges. The absorbent core has at least a first and a second region, the average thickness of the absorbent core in these first and second regions being lower thanthe average thickness of the absorbent core surrounding said first and second regions, said first and second lower thickness regions being arranged symmetrically about the longitudinal centre line A of the article such that each of the first and second lower thickness regions extends to the extends to the respective longitudinal edgeof the absorbent core. The distance ax between said fiirst and second lower thickness regions in the transverse direction varying along the longitudinal direction of the article. Aminimum distance al between said first and second lower thickness regions in the transverse direction is located at least in the transition between the crotch portion and the front portion. The article provides good secure fit and high comfort to the wearer.



(22) 22/06/2008

(44) July 2010

(45) 22/12/2010

(11) 24915

(51)	Int. Cl. <sup>8</sup> B65H 18/28
(71)	<ol> <li>POLY-GRAPHIC HOLDING B.V. (NETHERLANDS)</li> <li>3.</li> </ol>
(72)	<ol> <li>SIJMONS, JOHAN, MARCEL</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (EP) 05112718.1 – 22/12/2005 2. (PCT/EP2006/070019) – 20/12/2006 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

# (54) ROLLS FOR ROLL FED LABELLING OF TEXTILE PRODUCTS Patent Period Started From 20/12/2006 and Will end in 19/12/2026

(57) The present invention discloses a roll comprises a plurality of ribbons, each ribbon comprising a series of labels attached to a transparent support, whereby each ribbon is connected to an adjacent ribbon by means of a seal. The present invention further discloses a method for manufacturing such rolls.



(22) |20/08/2008

 $(21) \cdot \cdot \cdot 404/2008$ 

(44) July 2010

(45) 22/12/2010

(11) 24916

(51)	Int. Cl. <sup>8</sup> A47D 15/00
(71)	1. PETER OPSVIK AS (NORWAY) 2. 3.
(72)	1. OPSVIK PETER AS 2. 3.
(73)	1. 2.
(30)	1. (NO) 20060920 – 24/02/2006 2. (PCT/NO2007/000071) – 23/02/2007 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

# (54) FASTENING BRACKET FOR A CHAIR Patent Period Started From 23/02/2007 and Will end in 22/02/2027

(57) The present invention concerns a fastening bracket for use in a childrens chair with a seat plate, wherein the seat plate has a vertical opening, characterized in that it comprises: a frame piece comprising a vertical first opening, for placement on the underside of the seat plate, a lining clips comprising two parallel vertical locking pegs for introduction into the opening in the seat plate from above, wherein the locking pegs are connected together in a first end by a flange and each locking tap having a horizontal pin hole in the other end, wherein the flange has a horizontal extent which is larger than the opening area of the opening in the seat plate and comprising a through going vertical inner opening between the locking pegs, and a locking pin comprising at least two parallel arms for introduction into the pin holes in the lining clips.

Wherein the arms are connected together with the pin cross piece. The invention also concerns harness set and the use of the bracket and the harness set.



(22) 16/12/2007

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(11) 24917

(51)	Int. Cl. <sup>8</sup> F25J 3/00		
(71)	1. ORTLOFF ENGINEERS LTD ( UNITED STATES OF AMERICA ) 2. 3.		
(72)	1. PITMAN, RICHARD N. 2. WILKINSON, JOHN D. 3. LYNCH, JOE T.	4. HUDSON, HANK M. 5. CUELLAR, KYLE T. 6. MARTINEZ, TONY L.	
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(30)	1. (US) 60/692.126 – 20/06/2005 2. (US) 11/430.412 – 09/05/2006 3. (PCT/US 2006//18932) – 17/05/2006		
(74)	HODA ANIS SERAG EDDIN		
(12)	Patent		

(54)	HYDROCARBON GAS PROCESSING
	Patent Period Started From 17/05/2006 and Will end in 16/05/2026

A process for the recovery of ethane, ethylene, propane, propylene, and heavier hydrocarbon components from a hydrocarbon gas stream is disclosed. The stream is cooled and is thereafter expanded to the fractionation tower pressure and supplied to the fractionation tower at a lower mid-column feed position. A distillation stream is withdrawn from the column below the feed point of the stream and is then directed into heat exchange relation with the tower overhead vapor stream to cool the distillation stream and condense at least a part of it, forming a condensed stream. At least a portion of the condensed stream is directed to the fractionation tower at an upper mid-column feed position. A recycle stream is withdrawn from the tower overhead after it has been warmed and compressed. The compressed recycle stream is cooled sufficiently to substantially condense it, and is then expanded.



- (22) 28/07/2007
- (21) PCT/NA2007/00936
- (44) July 2010
- (45) 22/12/2010
- (11) | 24918

(51)	Int. Cl. 8 B28B 11/00
(71)	1. AFFIVAL INC (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>SCHWADRON JAMES THIMOTHY</li> <li>NIEMI, LESLIE WADE</li> <li>MARZEC, GREGORY</li> </ol>
(73)	1. 2.
(30)	1. (US) 60/658660 - 04/03/2005 2. (PCT/US2006/007718) - 04/03/2006 3.
(74) (12)	HODA ANIS SERAG EDDIN Patent

## (54) GUIDE TUBE END-PIECE, ASSEMBLY AND METHOD Patent Period Started From 04/03/2006 and Will end in 03/03/2026

(57) An end-pice for an additive guide tube is disclosed. Such an end piece may have a durable sleeve and a sloughable sleeve. The sloughable sleeve may have a channel through which an additive may be delivered, and the sloughable sleeve may reside in the through-hole of the durable sleeve and may be secured to the durable sleeve. When molten metal contacts the sloughable sleeve, the sloughable sleeve burns or melts and sloughs off, thereby preventing the molten metal and slag from sticking to the endpiece, which in turn prevents buildup of metal and slag.



(22)	01/02/2007

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(44) July 2010

(45) 22/12/2010

(11) 24919

(51)	Int. Cl. <sup>8</sup> A01N25/00,25/08,25/10,25/12,43/50,47/30,47/44
(71)	1. NIPPON SODA CO,LTD. (JAPAN) 2. 3.
(72)	<ol> <li>MAEKAWA YUICHI</li> <li>ENDO YOSHIHISA</li> <li>ENOMOTO YOSHIHIRO</li> </ol>
(73)	1. 2.
(30)	1. (JP) 2004-2314.3 – 06/08/2004 2. (JP) 2005-050857 – 25/02/2005 3. (PCT/JP2005/014422) – 05/08/2005
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

# (54) AGRICULTURAL-CHEMICAL PREPARATION HAVING CONTROLLED RELEASABILITY Patent Period Started From 05/08/2005 and Will end in 04/08/2025

(57) An agricultural-chemical preparation in which the release of an agricultural-chemical active ingredient can be controlled. The agricultural-chemical preparation is characterized by comprising a composition comprising an agricultural-chemical active ingredient, either a styrene/maleic anhydride copolymer or a mixture thereof with a polymer having repeating units derived from rosin, a rosin derivative, salicylic acid, or a salicyclic acid derivative, and a release control agent (water-soluble polymer, silicon oxide, or surfactant), the composition being in a compatibilized state or in the form of a matrix.



- (22) 06/12/2006
- (21) PCT/NA2006/001164
- (44) July 2010
- (45) 22/12/2010
- (11) | 24920

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(51)	Int. Cl. <sup>8</sup> C13D 1/08	
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(72)	1. JOCHEN, ARNOLD	4. SCHEUER, TIMO
	2. FRENZEL, STEFAN	
	3. MICHELBERGER, THOMAS	
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(30)	1. (DE) 10 20040 28 782.1 – 16/06/2004	
	2. (PCT/EP2005/004769) – 03/05/2005	
	3.	
(74)	HODA ANIS SERAG EDDIN	
(12)	Patent	

# (54) EXTRACTION OF CONSTITUENTS FROM SUGAR BEET CHIPS Patent Period Started From 03/05/2005 and Will end in 02/05/2025

(57) The present invention relates to a method for extracting constituents from sugar beets comprising the steps: comminution of the sugar beets into beet chips in a device for comminuting beets into beet chips while obtaining a chip-juice mixture then, addition of raw juice or water to the chips-juice mixture obtained in order to obtain a prepared chip-juice mixture with a conductivity of 2.6 mS/cm to 10.0 mS/cm and ,adjustment of a sugar beet bulk density of 400kg/m3 to 800kg/m3 in the processed chip-juice mixture in an electroporation device then, electroporation of the prepared chip-juice mixture obtained in step (c) and then, extraction in an extractor of the electroporated chip-juice mixture obtained.

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

### **Egyptian Patent Office**



- (22) |17/12/2006
- (21) PCT/NA2006/001217
- (44) July 2010
- (45) 22/12/2010
- (11) 24921

(51)	Int. Cl. <sup>8</sup> A61F 13/15
(71)	1. THE PROCTER & GAMBEL COMPANY (UNITED STATES OF AMERICA) 2.
(72)	3. 1. LAVON, GARY, DEAN
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(73)	1. 2.
(30)	1. (US) 10/880.128 – 29/06/2004 2. (PCT/US2005/023180) – 29/06/2005 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

### (54) DISPOSABLE ABSORBENT ARTICLE HAVING BARRIER CUFF STRIPS

#### Patent Period Started From 29/06/2005 and Will end in 28/06/2025

(57) A disposable absorbent article includes two laterally opposing longitudinally extending barrier cuff strips attached to an interior surface of an absorbent assembly in laterally opposing attachment zones. Each barrier cuff strip may include a water-impermeable layer and may be extensible. A longitudinally extending elastic gathering member is attached to each barrier cuff strip adjacent to its proximal edge. When the article is worn, the elastic gathering members contract and raise the barrier cuff strips to form side barriers. The absorbent assembly includes an absorbent core that may contain superabsorbent particles, which may be contained inside pockets. A portion of the absorbent assembly such as the portion that lies between the barrier cuff strip attachment zones may be extensible and may include a water-impermeable layer. The laterally opposing attachment zones may act as dams preventing a lateral flow of liquid bodily waste.

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



(22) |03/10/2007

(21) PCT/NA2007/001048

(44) July 2010

(45) 22/12/2010

(11) 24922

(51)	Int. Cl. 8 H01F 30/14, H01F 41/12
(71)	1. VICENTE ARTURO MENDOZA CEBALLOS (MEXICO) 2. 3.
(72)	1. MENDOZA, CEBALLOS ,VICENTE ARTURO 2. 3.
(73)	1. 2.
(30)	1. (PA/A 2005/005770) 23/05/2005 2. (PCT/MX2004/000039) -22/05/2006 3.
(74)	KHALED MAGDY HAMADA
(12)	Patent

# (54) PRISM-TYPE ELECTRICAL CONVERTER FOR THE GENERATION, TRANSMISSION, DISTRIBUTION AND SUPPLY OF ELECTRIC CURRENT, AND PRODUCTION METHOD THEREOF

#### Patent Period Started From 22/05/2006 and Will end in 21/05/2026

The invention relates to a prism-type electrical converter for the generation, transmission, distribution and supply of **(57)** electric current, which essentially comprises two systems, namely a magnetic system and an electrical system, plus an additional thermal control or cooling system. As a result, the converter has three-phase side. The three-phase magnetic circuit forms the base of the magnetic circuit. The two-phase side is formed on the three constituent magnetic circuits thereof. More specifically, the inventive converter comprises a magnetic silicon steel core which can take the form of broken or continuous spiral columns, having a circular, elliptical, cross-shaped section, etc., an Evans-type converter which is a broken spiral-type converter or a Wescord-type converter or coiled with junction. The operation of the inventive converter is based on the most commonly used system, comprising the vectorial sum of the two existing phases, such as to produce the third phase, but can be extended from two to six phases. Prism connections ETO-120-2/3 and ETO-240-2/3 are used as a reference, which indicate that the missing phase is formed from two supply phases, i.e. phase a by sections a1 and a2, phase b by sections b1 and b2, phase c by sections c1 and c2, in which any phase can be generated depending on the supply phases. Therefore, if phases a and b are present, the missing phase is c, if phases b and c are present, the missing phase is a, and if phases a and c are present, the missing phase is b, such as to produce the phase that does not already exist. In this way, a three-phase output system with any voltage level supplies the three-phase voltage which, by means of another output system with any voltage level, supplies the three-phase voltage that can be used for any electrical system that is used to generate, transmit, distribute and supply electrical power. In addition, the prism conversion system can be used to obtain a balanced three-phases system with neutral that can connect any three-phase, two-phase or single-phase load from a two-phase supply with two wires, there by rendering the invention remarkable in relation to existing electrical converters which have no general application. Moreover, said prism-type connection or system has unlimited applications. Furthermore, the electrical converter is produced in a novel manner comprising the following steps consisting in: producing the magnetic core, stacking to form a three-phase assembly, forming packets, pressing same to form the power or distribution power, forming the definitive magnetic core and, finally, annealing said magnetic core, thereby defining a novel method of producing the inventive prism-type converter.



- (22) 01/07/2007
- (21) PCT/NA2007/000683
- (44) July 2010
- (45) 22/12/2010
- (11) 24923

(51)	Int. Cl. <sup>8</sup> G06F 3/033
(71)	1. AHN. JAEWOO (KOREA) 2. 3.
(72)	1. AHN. JAEWOO 2. 3.
(73)	1. 2.
(30)	1. (KR) 10/2005/000712 – 05/01/2005 2. (KR) 10/2005/130184 – 27/12/2005 3. (KR) 10/2006/001272 – 05/01/2005 4. (PCT/KR2006/00046) – 05/01/2006
(74)	KHALED MAGDY HAMADA
(12)	Patent

## (54) METHOD AND APPARATUS FOR INPUTTING CHARACTER THROUGH POINTING DEVICE

#### Patent Period Started From 05/01/2006 and Will end in 04/01/2026

(57) Disclosed is a method and apparatus for inputting characters through a pointing device such as a stylus or a mous. The method includes: (a) dividing an input area of the pointing device into a plurality of input subarea and assigning a plurality of characters constituting a characters set of a current character mode to each of the input sub-areas; (b) inputting an input pattern through the poiting device in a selected one of the input subareas; and (c) selectively outputting one of the characters assigned to the selected input sub-area according to whether the input pattern of the pointing device is a point, a line having more than a predetermined length, a line bent a predetermined number of times with more than a predetermined angle having more than a predetermined length, or a round shape.



<b>(22)</b>	03/04/2008
(21)	. 477 /2000

 $(21) \mid \cdot \circ \lor \checkmark / 2008$ 

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(51) Int. Cl. 8 G01V 1.	/28 , 1/36				_

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(71)	1. PGS ONSHORE, INC (UNITED STATES OF AMERICA)
	2. 3.
(72)	1. GARY LEE SCOTT
, ,	2.
	3.
(73)	1.
	2.
(30)	1. (US) 11/784.823 – 11/04/2007
	2.
	3.
(74)	Dr. MOHAMED KAMEL
(12)	Patent

## (54) DIFFUSE SEISMIC IMAGING SYSTEMS AND METHODS

### Patent Period Started From 03/04/2008 and Will end in 02/04/2028

(57) Systems and methods are disclosed to construct subsurface images from diffuse seismic energy (passive seismic or microseismic methods). Various disclosed system embodiments include multiple seismic sensors that each convert received seismic energy into one or more seismic signals. One or more processors combine the seismic signals to determine a subsurface map. As part of determining the map, the processor(s) systematically focus the array of seismic sensors on each bin in the subsurface volume of interest. In this manner each bin becomes a focal point of the array. For each bin, the processor(s) analyze the seismic wave travel time to each seismic sensor and apply a corresponding time shift to align the seismic signals with a uniform travel time. The time-shifted seismic signals are then combined to determine an intensity value for seismic energy radiating from the focal point. A subsurface map can then be derived from the intensity value as a function of position.



(22)	03/04/2007
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(21) PCT/NA2007/0161

(44) July 2010

(45) 28/12/2010

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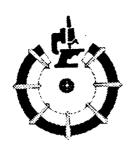
(51)	Int. Cl. <sup>8</sup> E21B 49/02
(71)	1. MOHAMED IBRAHIM ABD – ELGAWAD HENISH (EGYPT) 2. AHMED IBRAHIM MOHAMED HASB (EGYPT) 3.
(72)	1. MOHAMED IBRAHIM ABD – ELGAWAD HENISH 2. AHMED IBRAHIM MOHAMED HASB (EGYPT) 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	AHMED IBRAHIM MOHAMED HASB
(12)	Patent

## (54) WITH DRRAWAL UNIT OF STATURATED SOIL PASTE EXTRACT AND LOSS TRAP

#### Patent Period Started From 03/04/2007 and Will end in 02/04/2027

(57) This invention relates to a withdrawal unit of sturated soil past extract and loss trap comprising: air drawing engine driving the air into the system, resulting in the rarefaction at a point positioned between the funnels carrying the distilled sturated soil pastes and the receptacles, wherein it is absorbed and rested in the receptacles. The said extract is to be exposed to decomposition and identification of soil elements. The relevant unit consists of 20 assemblies of different shapes: straight ilne or U or L shapes. Each assembly includes filter funnel, lock, receptacle, and engine. The assemblies also incorporate pressure adapters: regulators of varying diameters depending on the number of assemblies. At the front, there loss trap and heater for protecting the engine from damage caused by the impact of strain and interior pressure inside the system and eliminiating the sample losses, that is, water and dust molecules driven into the engine.

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



# GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN JANUARY 2011"

**Egyptian Patent Office** 

Issue No 177 February 2011



Mervet Tawfik Abd Allah Hoda Galal Abdou

> Revised by

Azza Abd Allah Abou EI - Naga Magdy Hassan Madbooly

Supervised by

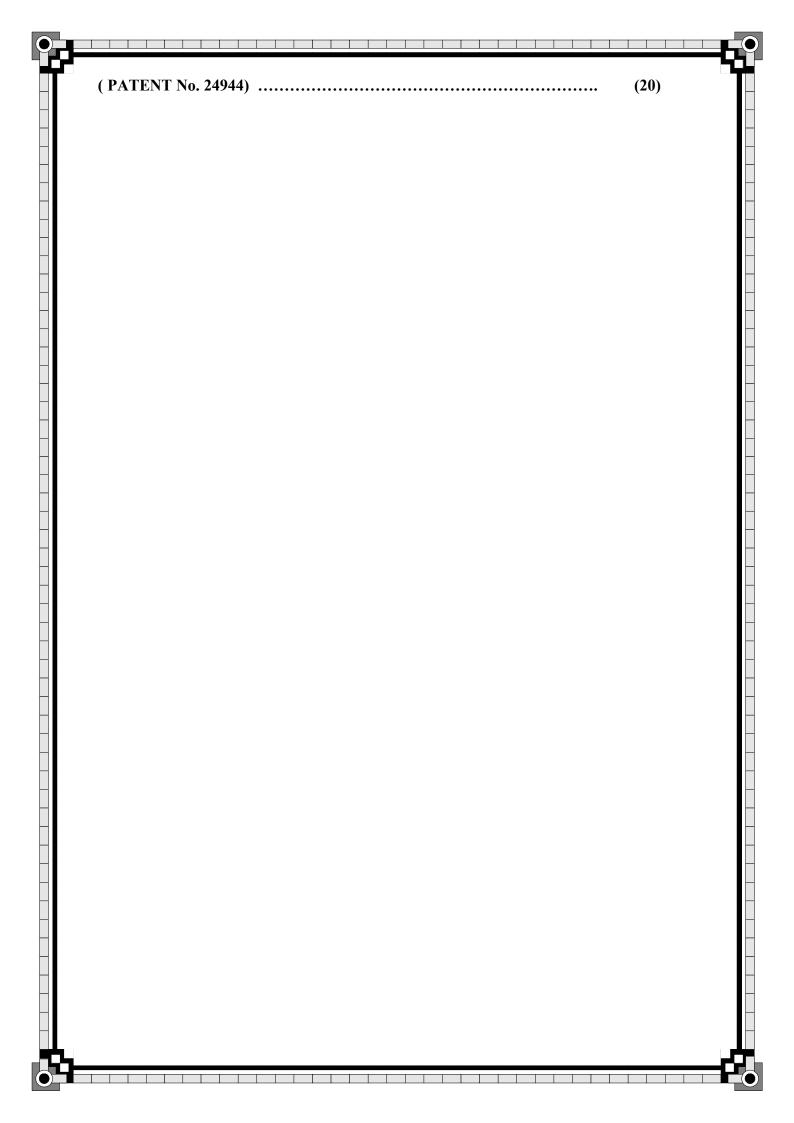
Mr. Adel El- Saeid Oweide

**Acting President of Patent Office** 

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( PATENT No. 24940)	(16)
( PATENT No. 24941)	(17)
( PATENT No. 24942)	(18)
( PATENT No. 24943)	(19)



## **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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Code	Country	
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AL	Albania <sup>)</sup>	
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ΙE	Ireland

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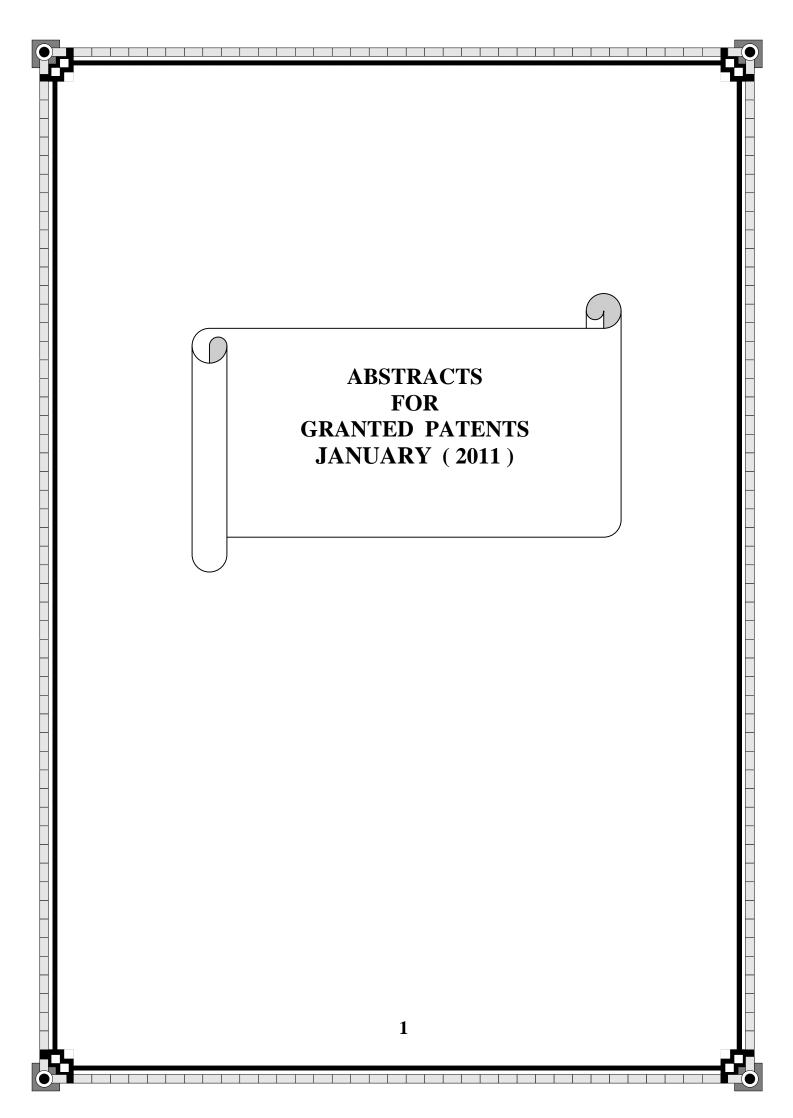
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MG	Madagascar

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MN MR MT	Mongolia Mauritania Malta Maldives
MR MT	Mauritania Malta Maldives
MT	Malta Maldives
-	Maldives
MV	Malawi
MW	
MX	Mexico
MY	Malaysia
MZ	Mozambique
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NE	Niger
NG	Nigeria
NI	Nicaragua
NL	Netherlands
NO	Norway
NZ	New Zealand
ОМ	Oman
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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





(22)	15/04/2007
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(21) PCT/NA2007/000370

(44) July 2010

(45) 02/01/2011

(11) | ٢٤٩٢٦

(51)	Int. Cl. <sup>8</sup> A61M 15/00
(71)	1. CIPLA LIMITED (INDIA) 2. 3.
(72)	1. LULLA, AMAR 2. RAO, XERXES 3.
(73)	1. 2.
(30)	1. (IN) 2004/MUM/1113 – 15/10/2004 2. (PCT/GB2005/003984) – 17/10/2005 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	AN IMPROVED SPACER	
	Patent Period Started From 17/10/2005 and Will end in 16/10/2025	

(57) A spacer device for the oral administration of a volatile medium containing a medicament comprises a chamber having an inlet to admit a measured dose of medicament and an outlet to be received in the mouth, wherein the spacer comprises a butterfly valve. Preferably, the chamber comprises two frustoconical members assembled together coaxially at their divergent ends, said inlet and outlet being respectively at the opposed convergent ends.

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

#### **Egyptian Patent Office**



- (22) 27/09/2004
- (21) PCT/NA2004/000094
- (44) July 2010
- (45) 02/01/2011

(51)	Int. Cl. <sup>8</sup> C07D 295/14	
(71)	1. SUN PHARMACEUTICAL INDUSTRIES LIMITED (INDIA) 2. 3.	
(72)	<ol> <li>MIDHA, AJAY, SOHANLAL</li> <li>CHOKSHI, HEMANT, ASHVINBHAI</li> <li>CHITTURI, TRINADHA, RAO</li> </ol>	4. THENNATI, RAJAMANNAR
(73)	1. 2.	
(30)	1. (IN) 302/MUM/2002 – 17/3/2002 2. (PCT/IN 03/00089) – 27/03/2003 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

## (54) (DIARYLMETHYL)-1-PIPERAZINYL DERIVATIVES

## Patent Period Started From granted patent date and Will end in 26/03/2023

A compound of formula (I) wherein X, Y, X' & Y' are selected from hydrogen, halogen, substituted or unsubstituted alkyl (linear, branched or cyclo), aryl, alkyloxy and haloalkyl group; R1, R2, R3 & R4 are selected from hydrogen, substituted or unsubstituted alkyl groups (linear, branched or cyclo), aryl, heteroaryl groups or aralkyl groups, heterocycles containing one or more of hetero atoms (viz., N, S, O), substituted or unsubstituted alkenyl or alkynyl groups of carbon 2 to 6, wherein the substituents R1 & R2 on the piperazinyl moiety are either syn or anti to each other and optionally R3 and R4 together with the carbons to which they are attached form a monocyclic saturated or aryl or substituted aryl or heteroaryl or substituted heteroaryl ring containing one or more hetero atoms selected from N, S and O with a ring size ranging from 3 to 6; with a proviso that when R3 & R4 together do not form part of a ring they may exist in either E or Z configuration; R5 is (CH2)n-O-CH2-CO-Z wherein n is 1 to 6; Z is selected from OH, OR, NRR', N(OR)R', N(R)-N(R)R' and wherein R & R' are selected from hydrogen, substituted or unsubstituted alkyl groups (linear, branched or cyclo), aryl, heteroaryl groups or aralkyl groups, heterocycles containing one or more of hetero atoms (viz., N, S, O), substituted or unsubstituted alkenyl or alkynyl groups of carbon 2 to 6; and B is selected from -(CH2)n- (n is 1 to 6) and -(CH2)x-D-(CH2)y where D is O, NR, S or SO2, x and y are independently 1 to 6; and m is selected from 1 to 6; and pharmaceutically acceptable salts thereof.

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

### **Egyptian Patent Office**



- (22) 18/05/2006
- (21) PCT/NA2006/000472
- (44) July 2010
- (45) 02/01/2011
- (11) 7 : 928

(51)	Int. Cl. <sup>8</sup> C07D 401/06, 213/80	
(71)	1. ARRAY BIOPHARMA INC (UNITED STATES OF AMERICA) 2. 3.	
(72)	<ol> <li>MARLOW, ALLISON, L.</li> <li>WALLACE, ELI</li> <li>SEO, JEONGBEOB</li> </ol>	4. LYSSIKATOS, JOSEPH, P. 5. YANG, HONG, WOON 6. BLAKE, JIM
(73)	1. 2.	
(30)	1. (US) 60/523,270 - 19/11/2003 2. (PCT/US2004/039060) - 18/11/2004 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

## (54) HETEROCYCLIC INHIBITORS OF MEK AND METHODS OF USE THEREOF

#### Patent Period Started From 18/11/2004 and Will end in 17/11/2024

(57) Disclosed are compounds of the Formula (I) and pharmaceutically acceptable salts and prodrugs thereof, wherein R1, R2, R7, R8 and R9, W, X and Y are as defined in the specification. Such compounds are MEK inhibitors and useful in the treatment of hyperproliferative diseases, such as cancer and inflammation, in mammals, and inflammatory conditions. Also disclosed are methods of using such compounds in the treatment of hyperproliferative diseases in mammals and pharmaceutical compositions containing such compounds.

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

### **Egyptian Patent Office**



- (22) 21/12/2005
- (21) PCT/NA2005/000854
- (44) July 2010
- $(45) |0^{\circ}/01/2011|$
- (11) | 7 : 9 7 9

(51)	Int. Cl. 7 A61K 31/496 & C07D 413/06
(71)	1. GLAXO GROUP LIMITED (UNITED KINGDOM) 2. 3.
(72)	1. LIDDLE, JOHN 2. 3.
(73)	1. 2.
(30)	1. (GB) 0314738,6 - 24/06/2003 2. (PCT/EP2004/006814) - 22/06/2004 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

### (54) SUBSTITUTED DIKETOPIPERAZINES AND THEIR USE AS OXYTOCIN ANTAGONISTS

### Patent Period Started From 22/06/2004 and Will end in 21/06/2024

(57) Compounds of formula (1) Wherein R1 is 2-indanyl, R2 is 1-methylpropyl, R3 is 2-methyl-1,3-oxazol-4-yl and R4 and R5 together with the nitrogen atom to which they are attached represents morpholino, process for their preparation, pharmaceutical compositions containing them and their use in medicine.

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### **Egyptian Patent Office**



### (22) 06/06/2004

- (21) PCT/NA2004/000039
- (44) June 2010
- (11) | 7 : 9 7 .

(51)	L. C. 8 COTD 220/49 402/12 9 A C11/ 21/505 9 A C1D 25/00
(51)	Int. Cl. 8 C07D 239/48, 403/12 & A61K 31/505 & A61P 35/00
(71)	1. ASTRAZENECA AB ( SWEDEN)
	3.
(72)	1. BARLAAM, BERNARD
,	2. PAPE, ANDREW
	3. THOMAS, ANDREW
(73)	1.
,	2.
(30)	1. (SE) 0104140,9 – 07/12/2001
(00)	2. (PCT/SE 02/02221) – 03/12/2002
	3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

### (54) PYRIMIDINE DERIVATIVES AS MODULATORS OF INSULINE-LIKE GROWTH FACTOR-1 RECEPTOR (IGF-I

### Patent Period Started From granted patent date and Will end in 02/12/2022

(57) The invention provides compounds of formula [Chemical formula should be inserted here. Please see paper copy]in which R1;, R2;, R3; and R4; have the meanings defined in the specification AND semi; processes for their preparation AND semi; pharmaceutical compositions containing them AND semi; a process for preparing the pharmaceutical compositions AND semi; and their use in therapy.

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### **Egyptian Patent Office**



- (22) 21/12/2006
- (21) PCT/NA2006/001248
- (44) July 2010
- (45) 11/01/2011
- (11) | 7 : 931

(51)	Int. Cl. <sup>8</sup> F25J 1/00, 3/00
(71)	1. CONOCOPHILLIPS COMPANY (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>EATON ANTHONY P.</li> <li>MARTINEZ BOBBY D.</li> <li>YAO JAME</li> </ol>
(73)	1. 2.
(30)	1. (US) 10/875734 – 24/06/2004 2. (PCT/US 2005/021432) – 17/06/2005 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

### (54) LNG SYSTEM EMPLOYING REFLUXED HEAVIES REMOVAL COLUMN WITH OVERHEAD CONDENSING

### Patent Period Started From 17/06/2005 and Will end in 16/06/2025

(57) A process and apparatus for the liquefaction of natural gas including an improved heavy hydrocarbon removal column with overhead condensing and refluxing. Particularly, a methane-rich stream exiting a propane refrigerant cycle is delivered to a heavies removal column, and the heavies depleted vapor from the column is at least partially condensed and the liquid portion provided as reflux to the heavies removal column.

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- (22) 14/09/2006
- (21) PCT/NA2006/000865
- (44) July 2010
- (45) 11/01/2011
- (11) 7 : 932

(51)	Int. Cl. 8 A01C 1/60 & A01N 43/90, 25/30
(71)	1. SYNGENTA PARTICPATIONS AG (SWITZERLAND) 2. 3.
(72)	1. HAULSEE, LEAR, MICHAEL 2. LOPEZ, HUMBERTO, B. 3.
(73)	1. 2.
(30)	1. (US) 60/553,495 – 16/03/2004 2. (EP) 04012960,3 - 02/06/2004 3. (PCT/EP2005/002754) – 15/03/2005
(74)	HODA AHMED ABD EL HADI
(12)	Patent

### (54) SEED TREATMENT PESTICIDAL COMPOSITION Patent Period Started From 15/03/2005 and Will end in 14/03/2025

(57) An aqueous seed treatment insecticidal and/or nematicidal composition in the form of a suspension comprising (A) at least one insecticide and/or nematicide in an amount of at least 3 weight %, based on the total weight of the composition, and (B) at least two surface active compounds, wherein (i) at least one is an anionic phosphate type compound, and (ii) at least one is a non-ionic alkoxylated phenol. Such compositions demonstrate improved dust-off performance when applied to plant propagation material, such as seeds.

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

### **Egyptian Patent Office**



- (22) 21/11/2007
- (21) PCT/NA2007/001275
- (44) July 2010
- (45) |11/01/2011
- (11) | 7 : 9 7 7

(51)	Int. Cl. <sup>8</sup> H02G 15/117		
(71)	1. 3M INNOVATIVE PROPERTIES COMPANY (UNITED STATES OF AMERICA) 2. 3.		
(72)	<ol> <li>REBERS , KENNETH D.</li> <li>DODGEN , CHARLES H.</li> <li>ALARCON , SERGIO A.</li> <li>MARKOS , LASZLO</li> <li>MIKLOS , RICHARD L.</li> </ol>		
(73)	1. 2.		
(30)	1. (US) 11/145,079 - 03/06/2005 2. (PCT/US2006/017102) - 03/05/2006 3.		
(74)	HODA AHMED ABD EL HADI		
(12)	Patent		

### (54) TERMINAL BOX Patent Period Started From 03/05/2006 and Will end in 02/05/2026

(57) A terminal box for use with telecommunication lines. The terminal box includes a base and a lid. The base is a molded double wall structure defining a substantially hollow core. The base includes opposing top and bottom walls and opposing end walls, and a back wall extending between the top and bottom walls and the end walls. The lid is movably coupled to the top wall. A portion of at least one of the opposing end walls defines a compressed double wall region forming a telecommunication line port.

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

### **Egyptian Patent Office**

Patent

(12)



- (22) 25/02/2008
- $(21) | \cdot \text{YYT}/2008$
- (44) July 2010
- (45) 11/01/2011
- (11) 7 : 934
- (51) Int. Cl. 8 A23L 1/00, 1/40 UNILEVER PLC (UNITED KINGDOM) **(71)** ACHTERKAMP, GEORG 4. KOHLUS, REINHARD (72)ACKERMANN, DIETER, KURT, KARL 5. KUHN, MATTHIAS **INOUE, CHIHARU (73)** (30)(EP) 06115093,4 - 07/06/2006 2. (EP) 05077842,2 - 12/12/2006 (PCT/EP2006/012060) - 07/12/2006HODA AHMED ABD EL HADI (74)
- (54) PACKAGED CONCENTRATE FOR PREPARING A BOUILLON, SOUP, SAUCE, GRAVY OR FOR USE AS A SEASONING, THE CONCENTRATE COMPRISING GELATIN AND STARCH

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

(57) Packaged concentrates in jelly form for preparing a bouillon, broth, soup, sauce, gravy or for use as a seasoning, which concentrates comprises 20-80% water, 0.5-60% taste imparting components, 30-30% salt, and a gelling agent comprising starch and gelatin, in the absence of 0.5-60% by weight of herbs, vegetables, fruits, meat, fish, crustaceans, or particulates thereof.

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





(22)	04/05/2008
\ <i>441</i>	

- (21) PCT/NA2008/000718
- (44) July 2010
- (45) 11/01/2011
- (11) | 7 : 9 7 0

(51)	Int. Cl. 8 C01B 11/02	
(71)	1. AKZO NOBEL N. V. (NETHERLANDS) 2. 3.	
(72)	1. WOODRUFF, THOMAS, E. 2. BURKE, MICHAEL 3. CHARLES, GARY, A. 4. BRYANT, PATRICK, S. 5. MOLES, DONALD, FITZGERALD	
(73)	1. 2.	
(30)	1. (US) 60/735192 – 10/11/2005 2. (EP) 6/05111801 – 07/12/2005 3. (PCT/ES2006/050393) – 10/10/2006	
(74)	HODA AHMED ABD EL HADI	
(12)	Patent	

### (54) PROCESS FOR PRODUCTION OF CHLORINE DIOXIDE Patent Period Started From 10/10/2006 and Will end in 09/10/2026

- (57) The present invention relates to a process for the production of chlorine dioxide, said process comprising the steps of continuously:
  - (a) feeding to a reactor an acid, alkali metal chlorate and a reducing agent;
  - (b) reacting the alkali metal chlorate with the acid and the reducing agent to form a product stream comprising chlorine dioxide and alkali metal salt of the acid;
  - (c) bringing the product stream from the reactor to an eductor and mixing it with motive fluid fed to the eductor and thereby forming a diluted product stream;
  - (d) bringing the diluted product stream to a gas-liquid separator where gas is separated from liquid therein;
  - (e) withdrawing a gaseous product stream comprising chlorine dioxide and inert gas from said gas-liquid separator; and,
  - (f) withdrawing a liquid phase from the gas-liquid separator. The invention also relates to a production unit to produce chlorine dioxide.

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### **Egyptian Patent Office**



(22) 01/12/2002	22)	<b>2)</b>   <b>01</b> /	12	<b>/20</b>	02
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(21) 1297/2002

(44) June 2010

(45) \\\\/\01/2011

(11) | ₹ 936

(51)	Int. Cl. <sup>8</sup> A61K 31/4709, 31/404 & A61P 25/00 & C07D 209/32, 405/06, 405/12, 209/08, 209/44 & C07C 271/16, 233/23, 271/24 & C07D 215/20
(71)	1. NOVARTIS AG (SWITZERLAND) 2. 3.
(72)	<ol> <li>GASPARINI, FABRIZIO</li> <li>AUBERSON, YVES</li> <li>OFNER, SILVIO</li> </ol>
(73)	1.

(30) 1. (GB) 0128996,6 – 04/12/2001 2.

(74) HODA AHMED ABD EL HADI

(12) Patent

### (54) ACETYLENE DERIVATIVES HAVING MGLUR 5 ANTAGONISTIC ACTIVITY

Patent Period Started From granted patent date and Will end in 30/11/2022

(57) compounds formula 1:

$$R_0 = C = C$$

$$X = C$$

$$(CH_2)_m (CH_2)_n = N$$

$$R''$$

L

Wherein m,n,A,R,R',R",R0,X and Y are as defined in the description, and their preparation the compounds of formula 1 are useful as pharmaceuticals.

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

### **Egyptian Patent Office**



- (22) 05/02/2007
- (21) PCT/NA2007/000132
- (44) July 2010
- (45) 11/01/2011

(51)	Int. Cl. <sup>8</sup> F01N 1/02, 1/00, 7/02
(71)	1. BAJAJ AUTO LIMTED ( INDIA ) 2. 3.
(72)	1. ABRAHAM, JOSEPH 2. 3.
(73)	1. 2.
(30)	1. (IN) 851/MUM/2004 – 06/08/2004 2. (PCT/IN2005/000254) – 03/08/2005 3.
(74)	SOHEIR M. JOSEPH
(74) (12)	SOHEIR M. JOSEPH Patent

### (54) AN IMPROVED EXHAUST SYSTEM OF A SINGLE CYLINDER FOR STROKE SPARK IGNITION ENGINE

### Patent Period Started From 03/08/2005 and Will end in 02/08/2025

(57) An exhaust system for improving the torque characteristics of a single cylinder for stroke spark ignition engine which exhaust system comprises a header pipe a chamber and a muffler one end with exhaust flange of the said header pipe being adapted for connection to an engine exhaust port and the other end being connected to the said muffler the said chamber being connected between said one end with exhaust flange and said muffler at a point preferably between 40% to 60% of developed length of header pipe from the face of the said exhaust flange along the length of said header pipe.

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





- (22) |02/04/2008
- (21) | ... ٥٦٤/2008
- (44) July 2010
- (45) 12/01/2011
- (11) | 24938

(51)	Int. Cl. <sup>8</sup> B42D 1/08	
(71)	1. UNIBIND LIMITED (CYPRUS) 2. 3.	
(72)	1. PELEMAN, GUIDO 2. 3.	
(73)	1. 2.	
(30)	1. (BL) · ½ VV/2005 – 03/10/2005 2. (BL) 0489/2005 – 06/10/2005 3. (BL) 0508/2005 – 17/10/2005	(BL) 0216/2006 -06/04/2006 (PCT/IB2006/002737) - 02/10/2006
(74)	SOHEIR M. JOSEPH	
(12)	Patent	

## (54) METHOD FOR BINDING A BUNDLE OF LOOSE LEAVES OR THE LIKE AND BINDING ELEMENT, END LEAF OR COVER APPLIED THEREBY

### Patent Period Started From 02/10/2006 and Will end in 01/10/2026

(57) Method f or binding a bundle of loose leaves or the like in a cover with a back, characterized in that it mainly comprises the following steps: binding a free edge of the above-mentioned bundle of loose leaves; providing the bundle of leaves with its bound edge in the back of the cover and fixing this bundle in the cover.

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

### **Egyptian Patent Office**



- (22)  $| \cdot /08/2006 |$
- (21) PCT/NA2006/000786
- (44) April 2010
- (45) **\\\\\/\)01/2011**
- (11) 24939

(51)	Int. Cl. 8 C07C 2/32, 2/30	
(71)	1. CHEVRON PHILLIPS CHEMICAL COMPANY LP (UNITED STATES OF AMERICA) 2. 3.	
(72)	<ol> <li>KNUDSEN, RONALD, D.</li> <li>KREISCHER, BRUCE, E.</li> <li>ABBOTT, RONALD, G.</li> <li>BRIDGES, STEVEN, D.</li> <li>BARALT, EDUARDO, J.</li> </ol>	
(73)	1. 2.	
(30)	1. (US) 10/783,429 – 20/02/2004 2. (US) 10/783,737- 20/02/2004 3. (PCT/US2005/005416) – 18/02/2005	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

### (54) METHODS OF PREPARATION OF AN OLEFIN OLIGOMERIZATION CATALYST

### Patent Period Started From 18/02/2005 and Will end in 17/02/2025

(57) A method of making a catalyst for use in oligomerizing an olefin comprising a chromium-containing compound, a pyrrole-containing compound, a metal alkyl, a halide-containing compound, and optionally a solvent, the method comprising contacting a composition comprising the chromium-containing compound and a composition comprising the metal alkyl, wherein the composition comprising the chromium-containing compound is added to the composition comprising the metal alkyl.



(22)	1 4/12/2003
(21)	1112/2003
(44)	July 2010 14/01/2011
(45)	19/01/2011

<b>(11)</b>	24940
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(51)	Int. Cl. <sup>8</sup> F27B 7/04 & C04B 11/036, 11/05
(71)	1. TALLERES A. MONTERDE, S. A. (SPAIN) 2. 3.
(72)	<ol> <li>RONDAN AGUESY JOSEP</li> <li>LÓPEZ MERCADÉ JOAN</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (ES) P200203029 – 30/12/2002 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	IMPROVEMENTS INTRODUCED IN A HIGH CALORIFIC
	PERFORMANCE ROTARY FURNACE FOR THE
	MANUFACTURE OF SEMIHYDRATE AND ANHYDRITE LL
	Patent Period Started From 29/12/2003 and Will end in 28/12/2023

(57) The furnace is provided with a series of blades over the surface of the refractory material and joined to the inner tubular body, and at its rear part is provided with a chamber adapted to receive plaster dust previously recovered in the system's filter strainer, as well as several sliding supports that permit linear movement between the different concentric tubular bodies forming the furnace, with a portable burner-carrier health, one or several retention rings, fitted with through orifices, joined to the inner cylinder body which limit the passage of the fired material through same and regulate the progress speed of said material, with spiral ribs which exerts a retention of material regulating their passage through the outlet apertures, and with a watertight cap, joined to the rolling chassis and fitted with a steam outlet connecting to a gas intake pipe, a door for sampling and a support for sensors.



<b>(22)</b>	04/08/2008
(21)	1 7 1 1/2008

(21) | \frac{1}{7} \frac{1}{7}

(11) 24941

(51)	Int. Cl. <sup>8</sup> B65D 83/00
(71)	1. RAWLPLUG LIMITED ( UNITED KINGDOM ) 2. 3.
(72)	<ol> <li>CADDEN, STEPHEN</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (GB) 0602340,2 - 07/02/2006 2. (PCT/GB2007/000439) - 07/02/2007 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) NOZZLE AND/OR ADAPTOR UNIT ON CARTRIDGE

### Patent Period Started From 07/02/2007 and Will end in 06/02/2027

(57) A cartridge secured to either a nozzle and/or adaptor unit wherein the nozzle or adaptor unit comprises a substantially annular portion adapted to fit snugly around an end of the cartridge wherein the substantially annular portion acts a seal against any leakage from the cartridge.



$(22) \mid 2$	6/07/2006
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(21) \rangle \mathbb{T} \cdot \mathbb{Y} / 2006

(44) August 2010

(45) Y ½/01/2011

(11) 24942

(51)	Int. Cl. 8 C12N 1/00 & C12N 9/00 & D06M 19/00
(71)	1. MUBARAK CITY FOR SCIENTIFIC RESEARCH AND TECHNOLOGY APPLICATIONS (EGYPT) 2. 3.
(72)	<ol> <li>DR. EHAB ABD ELL-RAOUF ESMAIL SEREUR</li> <li>DR. AMRO ABDAL FATTAH AMARA</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. 2. 3.
(74)	MAHMOUD EL SAYED ABD ELATIF
(12)	Patent

## (54) BIOLOGICAL METHOD OF TREATING THE WASTE FEATHERS FROM POULTRY SLAUGHTER OUTPUT FOR THE PRODUCT OF AMINO ACIDS AND ENZYMES

### Patent Period Started From 26/07/2006 and Will end in 25/07/2026

(57) Feather is the main bird industries wastes made of keratins equal to at least quarter of the total protein mass of the bird's body rich in sulfur-containing amino acids mainly cystine. The methods included degradation of the feather by two Egyptian strains Geobacillus sp. and Bacillus thermoterrestris. The degradation happened at 65 oC to amino acid can be used in many of medicinal, industrial applications and in animal feed. The method include also an intensive degradation of the feather by using different microbial isolates aiming to fast degradation of the wastes to protect the environment.



(22)  05/09/2006
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- (21) |· ٤ ٧ °/2006
- (44) August 2010
- (45) | ₹ \$\frac{1}{2011}\$
- (11) 24943

(51)	Int. Cl. 8 B01D 53/14
(71)	1. AGRICULTURE RESEARCH CENTER (EGYPT) 2. 3.
(72)	1. DR. AMAL SABER MOHAMED MAHMOUD 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

## (54) A MODIFIED ELECTRICAL DEVICE FOR EXTRACTION AND SEPARATION UNDER PRECISE TEMPERATURE CONTROL

### Patent Period Started From 05/09/2006 and Will end in 04/09/2013

- (57) The chemical extraction and separation instrument with fixed thermostatic control (modified instrument) described by:
  - 1. Extraction and separation different chemical compounds (organic and inorganic) by using new precision heating control system which give high extraction and separation purity degree in one step, so this instrument decline and reduce the time, energy, cost and human effort.
  - 2. The temperature of modified instrument ranged from 30-110° C with high accuracy.
  - 3. The design of this instrument adding and change the insulation system in unmodified instrument by using new insulation materials such as fiber glass and asbestos plate. On the other hand the current invention is related to a modified lab instrument for extraction and separation of chemical compounds with high degree of accuracy which due to very low impurities in the final step which will reduce the following steps for high degree of purification. The novel device is modified by adding a temperature control unit with 10° C precision on the scale. On the other hand, each extraction unit is insulated individually by using fiber glass and asepestius plate for complete isolation. The subject mater of the current invention can be use in either lab or commercial scale of extraction and separation.

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

### **Egyptian Patent Office**



(22) 26/02/2008

(21) | • ٣٣٣/2008

(44) July 2010

(45) **YY/01/2011** 

(11) 24944

(51)	Int. Cl. 8 G01V 1/00
(71)	1. CGG SERVICES (FRANCE ) 2. 3.
(72)	1. MEUNIER JULIEN 2. 3.
(73)	1. 2.
(30)	1. (FR) 0508965 - 01/09/2005 2. (PCT/FR2006/065670) - 25/08/2006 3.
(74)	SHADY FAROUK MUBARAK
(12)	Patent

### (54) PROCESS AND SYSTEM FOR THE ACQUISITION OF SEISMIC DATA

### Patent Period Started From 25/08/2006 and Will end in 24/08/2026

(57) The invention relates to a method for the acquisition of seismic data that uses sources operable to produce, when they are in a shooting station, seismic vibrations according to a sweep type shooting sequence, of predetermined duration and variable frequency. According to this method, the source and recording device clocks are synchronised, shooting is authorised for each of the sources at a series of predetermined shooting times tk,n, with k being an order number for a given source and n a source order number, between 1 and the number of sources Ns, and carried out on condition that the source is in a state to produce vibrations at such time tk,n, and the signals produced by the receivers are continuously recorded. The invention also relates to a system for seismic acquisition that implements this method.

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



# GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN FEBRUARY 2011"

**Egyptian Patent Office** 

Issue No 178 MARCH 2011



Mervet Tawfik Abd Allah Hoda Galal Abdou

> Revised by

Azza Abd Allah Abou EI - Naga Magdy Hassan Madbooly

Supervised by

Mr. Adel El- Saeid Oweide

**Acting President of Patent Office** 

**Publisher: Egyptian Patent Office** 

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( PATENT No. 24956)	(13)
( PATENT No. 24957)	(14)
( PATENT No. 24958)	(15)
( PATENT No. 24959)	(16)
( PATENT No. 24960)	(17)
( PATENT No. 24961)	(18)
( PATENT No. 24962)	(19)

### **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>	
Code	Country
AE	United Arab emairates
AF	Afghanistan
AG	Antigua and Barbuda
AL	Albania <sup>)</sup>
AM	Armenia
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
BJ	Benin
BM	Bermuda
ВО	Bolivia
BR	Brazil
BS	Bahamas
BU	Burma
BW	Botswana
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CI	Cote D'Ivoir
CL	Chile
CM	Cameroon
CN	China
CO	Colombia

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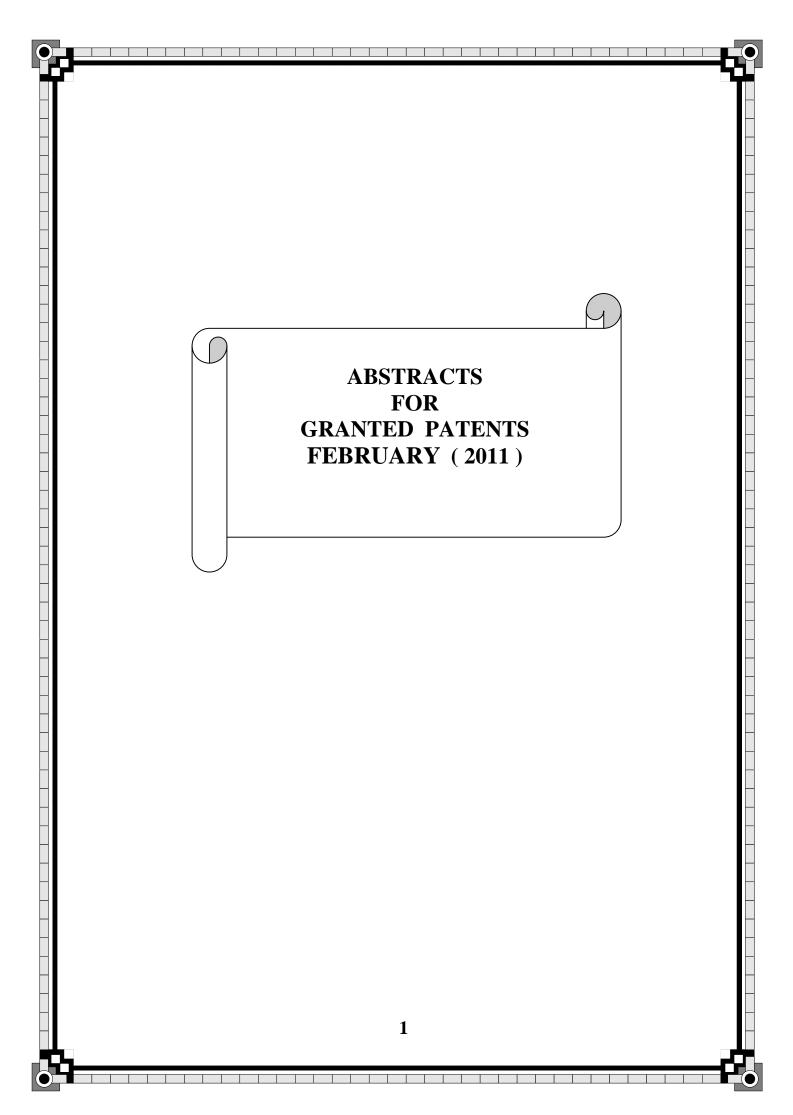
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IT	Italy
JO	Jordan
JP	Japan
KE	Kenya
KG	Kyrgyzstan
KM	COMOROS
KN	Saint Kitts and Nevis
KP	D. P's. R. of Korea
KR	Republic of Korea
KW	Kuwait
KZ	Kozakhstan
LA	LAO PEOPLE'S DEMOCRATIC REPUBLIC
LB	Lebanon
LC	Sant Lucia
LI	Liechtenstein
LK	Sirlanka
LR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

MK ML MN MR MT	The Former Yugoslav  Mali  Mongolia  Mauritania  Malta  Maldives  Malawi
MN MR MT	Mongolia Mauritania Malta Maldives
MR MT	Mauritania Malta Maldives
МТ	Malta Maldives
-	Maldives
MV	Malawi
MW	
MX	Mexico
MY	Malaysia
MZ	Mozambique
NA	Namibia
NE	Niger
NG	Nigeria
NI	Nicaragua
NL	Netherlands
NO	Norway
NZ	New Zealand
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SR	Suriname
ST	Saotome and Principe
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

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





(22)  $| \Upsilon \Upsilon / 03 / 2008 |$ 

(21) | • • • • /2008

(44) August 2010

 $(45) \cdot \frac{\lambda}{02/2011}$ 

(11) | ₹ 445

(51)	Int. Cl. <sup>8</sup> E04B 1/343 & H02B 1/30 & H05K 7/18	, 5/02
(71)	1. SCHNEIDER ELECTRIC INDUSTRIES SAS 2. 3.	(FRANCE)
(72)	<ol> <li>WATERLOT ,FREDERIC</li> <li>GUILLON, EMMANUEL</li> <li>SONG, FENGQUAN</li> </ol>	4. ZHANG ,TING 5. CHEN, XUN N
(73)	1. 2.	
(30)	1. (FR) 0702073 – 22/03/2007 2. 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

### (54) REINFORCED OPEN UPRIGHT FOR AN ELECTRICAL CABINET

### Patent Period Started From 23/03/2008 and Will end in 22/03/2015

(57) To facilitate manufacture of the uprights of an electrical cabinet while at the same time optimizing the quantity of material required to meet skewing resistance criteria, the upright according to the invention is achieved from a U-shaped profile locally closed by one or more welded strengtheners. The geometry and position of the strengtheners are optimized, as is the shape of the upright, so that modular [P30 or 1P54 rating 10 cabinets can be manufactured with the same uprights.



(22) 12/12/2006

(21) PCT/NA2006/001193

(44) August 2010

(45)· ^/02/2011

7 2 9 2 7 (11)

- **Ministry of State for Scientific Research** Academy of Scientific Research & Technology **Egyptian Patent Office**
- Int. Cl. 8 C08K 3/00 & C09J 11/04 , 123/28 LORD CORPORATION (UNITED STATES OF AMERICA) GREEN, CHRISTIAN, C. (72)TALLMADGE, JACK, N.  $\overline{(73)}$ (US) 60/580.306 - 16/06/2004 (30)(PCT/US2005/021520) - 16/06/2005 SAMAR AHMED EL LABBAD (74)**Patent**
- ADHESIVE COMPOSITION, METHOD FOR BONDING TO A **(54)** METAL SURFACE AND RUBBER TO METAL ADHESIVE

### Patent Period Started From 16/06/2005 and Will end in 15/06/2025

(57) Disclosed is a rubber-metal adhesive in the form of dispersed solids in a volatile liquid carrier, with a specified pigment grind and is sprayable at uniform film coatings on metal surfaces at  $25 \pm 2$  solids content wt.% and a viscosity of from 50 to about 500 cps (Brookfield LVT 2 & commat; 30 rpm). The adhesive comprises a dispersion of solid particles comprising nitroso compound, halogenated polyolefin, acid acceptor and from 5% to 35 wt.% of inert, incompressible, spheroidal particles having a BET surface area of from 0.1 to 10 m<sup>2</sup>/g and a 50th percentile particle diameter (D50) of 5 to 25  $\mu$ m

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



(22)

1./09/2005

(21) PCT/NA2005/000523

(44) July 2010

17/02/2011 (45)

Y £ 9 £ V (11)

(51)	Int. Cl. 8 C07C 7/10 & C10G 21/02	
(71)	1. SASOL TECHNOLOGY (BROBBARITARY 2. 3.	) LIMITED (SOUTH AFRICA)
(72)	<ol> <li>DE WET, JOHAN, PIETER</li> <li>JANSEN, WILHELMINA</li> <li>JACOBSON, PAUL</li> </ol>	
(73)	1. 2.	
(30)	1. (US) 60/453.418 – 10/03/2003 2. (ZA) 1937/2003 – 10/03/2003 3. (US) 60/496.816 – 21/08/2003	4. (ZA) %% \$\frac{1}{2003} - \frac{21}{08}/2003\$ c. (PCT/IB2004/000656) 10/03/2004
(74)	MAHMOUD RAGAII EL DEKKI	
(12)	Patent	

#### (54)THE EXTRACTION OF OXYGENATES FROM A HYDROCARBON STREAM

### Patent Period Started From 10/03/2004 and Will end in 09/03/2024

This invention relates to a commercially viable process for extracting oxygenates from a hydrocarbon stream, typically a fraction of the condensation product of Fischer-Tropsch reaction, while preserving the olefin content of the condensation product.. The Oxygenate extraction process is a liquid –liquid extraction process that takes place in an extraction column using a mixture of methanol and water as the solvent, wherein an extract from the liquid-liquid extraction is sent to a solvent recovery column from which a tops product comprising methanol, olefins and paraffins is recycled to the extraction column, thereby enhancing the overall recovery of olefins and paraffins.

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

### **Egyptian Patent Office**



- $(22) \cdot 7/01/2006$
- (21) PCT/NA2006/000002
- (44) July 2010
- (11) | 7 5 9 48

(51)	Int. Cl. B41C 1/04 & B41M 1/42 & B41M 3/14 & B42D 15/00
(71)	1. SICPA HOLDING S.A. (SWITZERLAND) 2. 3.
(72)	<ol> <li>JUNOD, NATHALIE</li> <li>DESPLAND, CLAUDE-ALAIN</li> <li>DEGOTT, PIERRE MÜLLER, EDGAR</li> </ol>
(73)	1. 2.
(30)	1. (EP)
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) METHOD AND MEANS FOR PRODUCING A MAGNETICALLY INDUCED DESIGN IN A COATING CONTAINING MAGNETIC PARTICLES

### Patent Period Started From 29/06/2004 and Will end in 28/06/2024

(57) The invention discloses a device and a method for transferring a predeterminable, high-resolution magnetic design onto a document printed with a magnetic ink, in particular a magnetic optically variable ink. The device comprises a body of a composite permanent-magnetic material, having at least one flat or curved surface engraved with indicia corresponding to the design to be transferred, wherein the said magnetic material is permanently magnetized, preferably in a direction substantially perpendicular to the said surface. The method comprises imprinting or coating a first surface of a sheet or web with a magnetic ink or coating composition, and approaching the imprinted sheet or web to the engraved surface of a body of magnetized composite permanent-magnetic material while the ink is wet, followed by hardening the ink.

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

### **Egyptian Patent Office**



- (22) 10/06/2007
- (21) PCT/NA2007/000557
- (44) July 2010
- (11) | ₹ 5 9 5 9

(51)	Int. Cl. <sup>8</sup> B42D 15/00
(71)	1. SICPA HOLDING S.A (SWIZERLAND) 2. 3.
(72)	<ol> <li>SCHMID, MATHIEU</li> <li>DESPLAND, CLAUDE-ALAIN</li> <li>DEGOTT, PIERRE</li> <li>MULLER, EDGAR</li> </ol>
(73)	1. 2.
(30)	1. (EP) 04029170.0 - 09/12/2004 2. (PCT/EP2005/055884) - 10/11/2005 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) SECURITY ELEMENT HAVING A VIEWING-ANGLE DEPENDENT ASPECT

### Patent Period Started From 10/11/2005 and Will end in 09/11/2025

(57) The invention discloses a security element having a coating layer which appears transparent at certain angles of view, giving visual access to underlying information, whilst staying opaque at other angles of view. Documents of value, right, identity, security labels or branded goods comprising said security element, as well as a method for producing said security element, are also disclosed. Using appropriate substrate surfaces, optically variable and otherwise angle-dependent visual effects can be realized.



**77/06/2004** (22)**(21)** · Y A · /2004

(44) | September 2010

1 1 / / 02 / 2011 **(45)** 7 290. (11)

(51)	Int. Cl. 8 A23K 1/00 & A23L 1/09 & C08B 30/12
(71)	1. Dr. SOUMIA MOHMED IBRAHIM DARWISH (EGYPT) 2. 3.
(72)	1. Dr. SOUMIA MOHMED IBRAHIM DARWISH 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

#### PRODUCTION OF GELS FROM BY-PRODUCTS OF THE (54)**POTATO INDUSTRY**

### Patent Period Started From 26/06/2004 and Will end in 25/06/2024

(57) The amino acid composition of the potato proteins gave high lysine and appeared be appropriate for crosslinking content to transglutaminase with the goal to increase the viscosity and to obtain protein gels. To test this hypothesis, the proteins were unfolded using the reducing agents DTT and 2-mercaptoethanol. Purified concentrates only could be crosslinked. However, mercaptoethanol and DTT were unacceptable for food use. In another approach to obtain crosslinking without undesirable additives, hydrolyzed wheat gluten, is reportedly substrates for transglutaminase, was add as starters or "edging proteins."

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





- (21) PCT/NA2006/001118
- (44) July 2010
- (45) 21/02/2010
- (11) | ₹ 951

(51)	Int. Cl. <sup>8</sup> A01N 43/60, A01N 47/20, A01N 47/3	0 & C07I	D 295/00, C07D 401/00
(71)	1. SYNGENTA PARTICIPATIONS AG ( SW 2. 3.	/ITZER I	LAND)
(72)	<ol> <li>CASSAYRE, JEROME</li> <li>MOLLEYRES, LOUIS-PIERRE</li> <li>MAIENFISCH, PERTER</li> </ol>	4. 5. 6.	CEDERBAUM, FREDRIK CORSI, CAMILLA PITTERNA, THOMAS
(73)	1. 2.		
(30)	1. (GB) 0412072.1 – 28/05/2004 2. (PCT/EP2004/010132) – 10/09/2004 3.		
(74)	SOHEIR M. JOSEPH		
(12)	Patent		

### (54) PIPERAZIN DERIVATIVES & THEIR USE IN CONTRILLING PESTS

### Patent Period Started From 10/09/2004 and Will end in 09/09/2024

(57) The use of a compound of formula (I) wherein Y is a single bond, C=O, C=S or S(O)m where m is 0, 1 or 2; the ring is a 6-membered aromatic or is a 5 or 6 membered heteroaromatic ring; Ra, R1, R2, R4 and R8 are specified organic groups; n and p are independently 0-4; or salts or N-oxides thereof or compositions containing them in controlling insects, acarines, nematodes or molluscs. Novel compounds are also provided.

$$(R_4)n$$
 $R_2$ 
 $(R_4)n$ 
 $R_1$ 
 $(R_8)$ 
 $(R_8)$ 
 $(R_8)$ 
 $(R_8)$ 
 $(R_8)$ 
 $(R_8)$ 



	21/11/2006
(21)	· ٦ · °/2006
(44)	August 2010
(4=)	H A 100 10011

21/11/2006

` /	' '/02/201		
<b>(11)</b>	7 £ 9 52		

(51)	Int. Cl. <sup>7</sup> A01N 1/100, 25/00,65/00
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	<ol> <li>PROF. DR. MOHAMED DIA EL-DEEN HASSANEIN ALI</li> <li>PROF. DR. MOKHTAR MOHAMED ABDEL-KADER</li> <li>PROF. DR. NEHAL SAMY AHMED FATHY EL-MOUGY</li> </ol>
(73)	1. 2.
(30)	1. 2. 3.
(74)	COMMISSIONER'S PROF. DR. MOHAMED DIA EL-DEEN HASSANEIN ALI
(12)	Patent

## (54) A METHOD FOR CONTROLLING PLANT ROOTS ROT DISEASES USING CHEMICAL FORMULA AS SEED DRESSING OR TRANSPLANT TREATMENT BEFORE PLANTING

### Patent Period Started From 21/11/2006 and Will end in 20/11/2026

(57) The proposed request demands for the legal protection authority to use a formula of disinfectant solution for treating seeds or transplants for the purpose of protecting plants during their growth period from sowing, emerging until mature stages against plant pathogens. That achieved by adding this formula to plant seeds as seed coating or transplants immerging before sowing. This active mixture include four pharmaceutical commercial active ingredients which are recommended to be used for man health as oral or local treatments against some pathogenic microorganisms. This formula has been successfully applied against plant pathogenic fungi under laboratory conditions. Furthermore, the obtained results were confirmed under greenhouse and field conditions. This formula considered as applicable active treatment for protecting the agricultural crops against pathogenic fungal infection during the growth period starting from sowing up to mature stage. This formula could be used for protecting the agricultural crops against diseases, prolonging their healthy life, especially it characterize as safe, cheep, easy applied without harmful residues for man and environment.



(22) | 15/01/2008 (21) | 0073/2008 (44) | August 2010

(45) | 1/02/2011

(11) | ₹ 953

(51)	Int. Cl. 8 A61C 13/01 & C08L 39/06 & C08F 20/06
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	<ol> <li>MONZAH GAMAL EL-DIN MOHAMED EL-SYED KHAFAGI</li> <li>NEHAL LOTFY ABO RAYA</li> <li>NADIA AMIN BADR</li> <li>ADEL MOHEY EL-DIN EL-KHODARY</li> </ol>
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

## (54) A METHOD TO SYNTHETIZE A NEWLY DENTURE BASES SOFT LINER FOR TREATMENT OF STOMATITIS

### Patent Period Started From 15/01/2008 and Will end in 14/01/2028

Denture wearers represent a considerable percentage of the population. They are faced by several problems such as discomfort on wearing the denture, traumatic ulcers and numerous bacterial and fungal infectious lesions. About two-thirds of these denture wearers suffer form multibacterial and fungal pathogenesis, what is called denture stomatitis. A preliminary step for the treatment of this condition requires removing the denture out of the patient's mouth for a certain period of time to allow healing of the underlying affected tissues. Alternative to this unpleasant choice, is lining the denture base with a soft material that enables the patient to wear his prostheses without fearing of continuous friction between the rigid denture and the inflamed tissues and provides an opportunity for tissues to heal. Several temporary materials served as soft liners for the denture; namely tissue conditioners, are available in the dental market. The main disadvantage of these materials is the tendency to leach out some of their harmful constituents in wet environment by time. Moreover, they acquire a degree of hardness that affects the tissues adversely. The present work aimed at synthesis of a biocompatible substance based on polyvinyl pyrrolidone and polyacrylic acid polymer complex to be used as denture lining materials. However, this material should be submitted to testing determined by American Dental Association Specification (ADAS) to fulfill the requirements specified by this association for dental use. On testing the experimental complex according to ADAS for denture soft liners, it showed an acceptable consistency capable of being shaped and contoured to tissues underneath the denture. Unlike commercially available materials, it maintains soft consistency, very low hardness and capability of being shaped along the period of usage; therefore, it can be described as a perfect cushion for inflamed tissues. Furthermore, this experimental polymer complex is incomparable in its firm adherence to the denture base and can be categorized as a drugs carrier that will be useful in treatment of specific types of infections.

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



(22) · Y

· Y/10/2003

(21) 0966/2003

(44) **September 2010** 

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(11) | ₹ 9 54

(51)	Int. Cl. 8 B29C 39/04
(71)	1. DR.ENG. AHMED EL-SAIED YOUNIS DARWISH (EGYPT) 2. 3.
(72)	1. DR.ENG. AHMED EL-SAIED YOUNIS DARWISH 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

### (54) GRINDING MACHINE FOR WOOD FLOUR Patent Period Started From 07/10/2003 and Will end in 06/10/2023

(57) The subject of the invention is the grinding machine for wood and sawdust in order to produce wood flour size 80- 1000 mesh (which is a measure for units of sieves) for determine the number of apertures per inch longitudinal.

The grinding machine uses energy to grind the dry wood which is liable to fire up before the grinding process due to its low ignition temperature, therefore the grinding machine will prevent the combustion process by controlling the temperature. This will be the subject of the invention provided.

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





(21) PCT/NA2007/000921

(44) August 2010

(11) 7 : 900

(51)	Int. Cl. <sup>8</sup> C11D 3/386, 3/395, 3/39
(71)	1. THE PROCTER & GAMBLE COMPANY (UNITED STATES OF AMERICA) 2. 3.
(72)	1. LANT, NEIL, JOSEPH 2. 3.
(73)	1. 2.
(30)	1. (EP) 05251269.6 - 03/03/2005 2. (PCT/US2006/007733) - 02/03/2006 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

### (54) DETERGENT COMPOSITIONS Patent Period Started From 02/03/2006 and Will end in 01/03/2026

(57) Detergent compositions containing high efficiency lipase enzymes and specific detergent formulations comprising a high reserve alkalinity, greater than 6.5, and a bleaching agent comprising hydrogen peroxide source and peracid or precursor thereof such that the Avox to peracid ratio is 1:1 to 35:1, enables control of diacyl peroxide formation. Preferred formulations comprise surfactants selected from alkyl benzene sulphonates in combination with alky ethoxylated sulfates or MES or non-ionic surfactants.

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

**Patent** 

(12)



(22) 02/08/2003

(21) 0747/2003

(44) August 2010

(11) | ₹ 956

(51)	Int. Cl. <sup>8</sup> C03B 5/235
	4. GARVE GORANI GLAGGERIANGE (ERANGE)
(71)	1. SAINT GOBAIN GLASS FRANCE ( FRANCE )
	2.
	3.
(72)	1. JACQUES, REMI
( ,	2. JEANVOINE, PIERRE
	3. PALMIERI , BIAGIO
(73)	1.
(, - )	2.
(30)	1. (FR) 02/09728 – 31/07/2002
( )	2.
	3.
(74)	HODA AHMED ABD EL HADI

## (54) FURNACE FOR THE PREPARATION OF GLASS COMPOSITIONS COMPRISING A LOW LEVEL OF NON MELTED PARTICULATES

#### Patent Period Started From 02/08/2003 and Will end in 01/08/2023

(57) The invention relates to a furnace for the continuous fusion of acomposition comprising silica, the said furnace comprising at least two tanks in series, the said tanks comprising each one at least one submerged burner in the molten matters. The invention also relates to the manufacturing process of composition comprising silica using the furnace, the silica and the flux of silics being charged in the first tank. The invention allws the realization of sinters for the coloration of glass, sinters for tiling and enamel, with a strong productivity, low temperatures and allows weak times of transition.

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- (22) 30/04/2005
- (21) PCT/NA2005/000178
- (44) July 2010
- (45) 28/02/2011
- (11) 24957

(51)	Int. Cl. 7 C07D 491/04, 519/00 & A61K 31/517	
(71)	1. ASTRA ZENECA AB ( SWEDEN ) 2. 3.	
(72)	1. PLE, PATRICK 2. 3.	
(73)	1. 2.	
(30)	1. (EP) 02292736.2 - 04/11/2002 2. (EP) *****.4 - 10/04/2003 3. (PCT/GB 2003/0040703) - 29/10/2003	
(74)	HODA AHMED ABD EL HADI	
(12)	Patent	

### (54) QUINAZOLINE DERIVATIVES AS SRC TYROSINE KINASE INHIBITORS

#### Patent Period Started From 29/10/2003 and Will end in 28/10/2023

(57) The invention concerns quinazoline derivatives of Formula (I): (A chemical formula should be inserted here - please see paper copy enclosed herewith) wherein Z is an O, S, SO, SO2, N(R2) or C(R2)2 group wherein each R2 group is hydrogen or (1-8C) alkyl, m is 0, 1, 2 or 3, each R1 group is selected from halogeno, (1-8C) alkyl, (1-6C) alkoxy and any of the other meanings defined in the description, n is 0, 1, 2 or 3, and each R3 group is selected from halogeno, (1-8C) alkyl, (1-6C) alkoxy and any of the other meanings defined in the description, or pharmaceutically-acceptable salts thereof, processes for their preparation, pharmaceutical compositions containing them and their use in the manufacture of a medicament for use as an anti-invasive agent in the containment and/or treatment of solid tumour disease.



(22)	18/06/2005
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- (21) PCT/NA2005/000309
- (44) April 2010
- (45) 28/02/2011
- (11) 2490 Å

(51)	Int. Cl. 8 C07D 215/38, 401/12, 405/12, 409/12, 409/14, 413/12 & A61K 41/47
(71)	1. AKZO NOBEL N· V· (NETHERLANDS) 2. 3.
(72)	<ol> <li>TIMMERS, CORNEILS, MARIUS</li> <li>KARSTENS, WILLEM, FREDRIK, JOHAN</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (EP) 02102866.7 - 20/12/2002 2. (US) 60/435040 - 20/12/2002 3. (PCT/EP2003/051025 - 16/12/2003
(74)	HODA AHMED ABD EL HADI
(12)	Patent

## (54) TETRAHYDROQUINOLINE DERIVATIVES Patent Period Started From 16/12/2003 and Will end in 15/12/2023

(57) The present invention relates to tetrahydroquinoline derivatives having general formula (I) or a pharmaceutically acceptable salt thereof, wherein Rl and R2 are H, Me; R3 is (2-6C)heterocycloalkyl(1-4C)alkyl, (2-5C)heteroaryl(1-4C)alkyl, (6C)aryl (1-4C)alkyl, (1-4C)(di)alkylaminocarbonylamino(2-4C)alkyl, (2-6C) heterocycloalkylcarbonylamino(2-4C)alkyl, R5-(2-4C)alkyl or R5-carbonyl(1-4C)alkyl; R4 is (2-5C)heteroaryl, (6C)aryl, (3-8C)cycloalkyl, (2-6C)heterocycloalkyl or (1-6C) alkyl and R5 is (di)(1-4C)alkylamino, (1-4C)alkoxy, amino, hydroxy, (6C)arylamino, (di)(3-4C)alkenylamino, (2-5C)heteroaryl(1-4C)alkylamino, (6C)aryl(1-4C) alkylamino, (di)[(1-4C)alkoxy(2-4C)alkyl]amino, (di)[(1-4C)alkylamino(2-4C) alkyl]amino, (di)[amino(2-4C)alkyl]amino or (di)[hydroxy(2-4C)alkyl]amino. The present invention also relates to pharmaceutical compositions comprising said derivatives and the use of these derivatives to regulate fertility.

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

#### **Egyptian Patent Office**

HODA AHMED ABD EL HADI

(74) (12)

**Patent** 



- (22) |04/05/2005
- (21) PCT/NA2005/000193
- (44) July 2010
- (45) 18/02/2011
- (11) | 249°9

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(51)	Int. Cl. 8 C07D 209/30, 401/06, 405/06, 413/06, 401/12, 417/06, 409/12, 405/12, 403/12, 303/06 &		
	A61K 31/404 & A61P 5/24		
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(72)	1. HERMKENS, PEDRO, HAROLD, HAN	4. LOMMERSE, JOHANNES PETRUS, MARIA	
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	2. STOCK, HERMAN, THIJS	5. VANDER LOUW, JAAP	
	3. TEERHUIS, NEELTJE, MIRANDA		
(73)	1. N.V. ORGANON (NETHERLANDS)		
(13)	2.		
(30)	1. (EP) 02079648.8 – 07/11/2002		
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	3. (PCT/EP2003/050783) – 03/11/2003		

#### (54) INDOLES USEFUL IN THE TREATMENT OF ANDROGEN-RECEPTOR RELATED DISEASES

#### Patent Period Started From 03/11/2003 and Will end in 02/11/2023

(57) This invention provides non-steroidal compounds with affinity for the androgen receptor and utility for androgen-receptor related treatments, having a structure according to the formula (1)



wherein X is S,SO or S02; R1 is a 5- or 6-membered monocyclic, hetero- or homocyclic, saturated or unsaturated ring structure optionally substituted with one or more substituents selected from the group consisting of halogen, CN, (1C-4C)fluoroalkyl, nitro, (1C-4C)alkyl, (1C-4C)alkoxy or (1C-4C)fluoroalkoxy; R2 is 2-nitrophenyl, 2-cyanophenyl, hydroxymethyl-phenyl, pyridin-2-yl, pyridin-2-yl-N-oxide, 2-benzamide, 2-benzoic acid methyl ester or 2-methoxyphenyl; R3 is H, halogen or (1C-4C)alkyl; R4 is H, OH, (1C-4C)alkoxy, or halogen; R4 is H, OH, (1C-4C)alkoxy, NH2, CN, halogen, (1C-4C)fluoroalkyl, N02, hydroxy(1C-4C)alkyl, C02H, C02(1C-6C)alkyl, or R5 is NHR6, wherein R6 is (1C-6C)acyl optionally substituted with one or more halogens, S(O)2(1C-4C)alkyl, or S(O)2aryl optionally substituted with (1C-4C)alkyl or one or more halogens, or R5 is C(O)N(R8,R9), wherein R8 and R9 each independently are H, (3C-6C)cycloalkyl, or CH2R10, wherein R10 is H, (1C-5C)alkyl, (1C-5C)alkenyl, hydroxy(1C-3C)alkyl, (1C-4C)alkylester of carboxy(1C-4C)alkyl, (1C-3C)alkoxy(1C-3C)alkyl, (mono- or di(1C-4C)alkyl)aminomethyl, (mono- or di(1C-4C)alkyl)aminocarbonyl, or a 3-, 4-, 5- or 6-membered monocyclic, homo- or heterocyclic, aromatic or non-aromatic ring, or R8 and R9 form together with the N a heterocyclic 5- or 6-membered saturated or unsaturated ring optionally substituted with (1C-4C)alkyl; or a salt or hydrate form thereof.

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#### **Egyptian Patent Office**



- (22) 19/09/2006
- (21) | PCT/NA2006/000882
- (44) July 2010
- (45) 18/02/2011
- (11) 2497

(51)	Int. Cl. <sup>8</sup> H04L 12/28, 12/56
(71)	1. KONINKLIJKE PHILIPS ELECTRONICS N.V. (NETHERLANDS) 2. 3.
(72)	1. HABETHA JOERG 2. DEL PRADO PAVON JAVIER 3.
(73)	1. 2.
(30)	1. (US) 60/555.915 – 24/03/2004 2. (US) 60/589.358 – 20/07/2004 3. (PCT/IB2005/050965) – 21/03/2005
(74)	HODA AHMED ABD EL HADI
(12)	Patent

#### (54) DISTRIBUTED BEACONING PERIODS FOR AD-HOC NETWORKS

#### Patent Period Started From 21/03/2005 and Will end in 20/03/2025

(57) In a distributed Mac protocol having a slotted super frame comprising at least r one slotted beacon period followed by a data transfer period, a system and method is provided for creating and maintaining several beacon periods at different positions in the super frame. When joining the network a device either joins an existing beacon period or creates a new beacon period at a position in the super frame that does not overlap with existing beacon periods or reservation periods. Beacon periods mutually protect each other by devices announcing the neighboring beacon periods in their beacons.



- (22) | 13/11/2008
- (21) \\^\07/2008
- (44) | September 2010
- (45) | \( 8/02/2011 \)
- (11) 24971

(51)	Int. Cl. <sup>8</sup> H01H 83/14		
(71)	1. SCHNEIDER ELECTRIC INDUSTRIES SAS (FRANCE) 2. 3.		
(72)	1. PREVIEUX LAURENT 2. BRUNE YVES 3. BURNOT CLAUDE	4.	MASNADA ROLAND
(73)	1. 2.		
(30)	1. (FR) 07/08045 – 16/11/2007 2. 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

## (54) ELECTRICAL SWITCHGEAR UNIT Patent Period Started From 13/11/2008 and Will end in 12/11/2028

(57) The present invention relates to an electrical switchgear unit housed in a case, said unit comprising stationary contacts, movable contacts supported by a shaft, a contact opening and/or closing mechanism and at least one arc chute. This device is characterized in that it comprises a removable monoblock breaking module comprising at least one arc chute, said module supporting the shaft supporting the movable contacts in such a way that said shaft alone closes said arc chutes.

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





- (22) 13/11/2008
- (21) 1854/2008
- (44) | September 2010
- (45) | \( 8/02/2011 \)
- (11) | 2497 Y

(51)	Int. Cl. <sup>8</sup> H01H 1/22		
(71)	1. SCHNEIDER ELECTRIC INDUSTRIES SAS (FRANCE)		
	2. 3.		
<b>(72)</b>	<ol> <li>PREVIEUX , LAURENT</li> <li>BRUNE , YVES</li> </ol>	4.	MASNADA, ROLAND
	3. BURNOT, CLAUDE		
(73)	1. 2.		
(30)	1. (FR) 07/08047 – 16/11/2007		
	2. 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

## (54) ELECTRICAL SWITCHGEAR UNIT WITH ROTATING MOVABLE CONTACT(S).

#### Patent Period Started From 05/09/2006 and Will end in 04/09/2013

(57) The present invention relates to an electrical switchgear unit A housed in an insulating case B and comprising a contact support supporting at least one contact called movable contact, the or each movable contact being arranged facing at least one contact called stationary contact. This unit is characterized in that the movable contact is (are) fitted in a support (or respectively supports) called second support, said second support being mounted articulated with respect to the first support, and that it comprises means for providing the contact pressure between the movable contact and the stationary contact.

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



# GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN MARCH 2011"

### **Egyptian Patent Office**

Issue No 179 APRIL 2011



Mervet Tawfik Abd Allah Hoda Galal Abdou

> Revised by

Azza Abd Allah Abou EI - Naga Magdy Hassan Madbooly

Supervised by

Mr. Adel El- Saeid Oweide

**Acting President of Patent Office** 

**Publisher: Egyptian Patent Office** 

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( PATENT No. 24977)	(16)

#### **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
Filing Date	22
Priority Number	
Priority Date	30
Priority Country	
Issuance Date	45
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Inventor Name	72
Patentee Name	73
Patent Attorney Name	74

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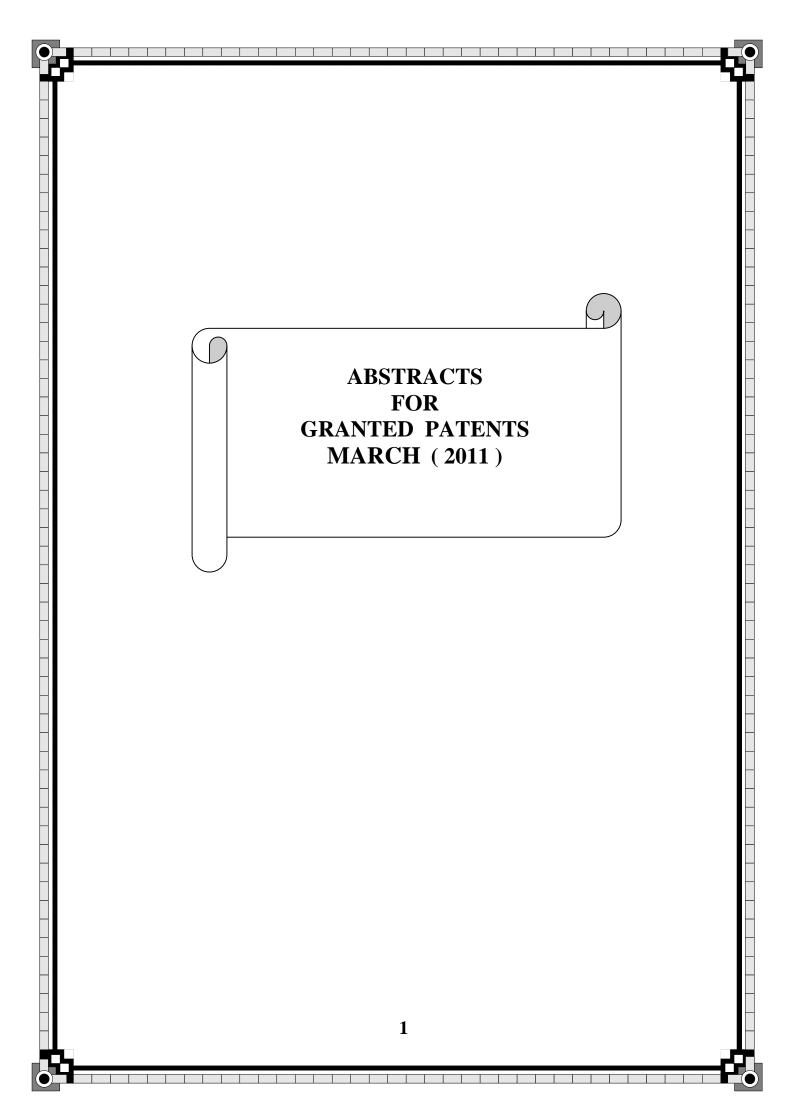
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ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe





(22)  $| ^{9}/10/2006 |$ 

(21) 0564/2006

(44) | September 2010

(45) 01/03/2011

(11) | 7 5 9 63

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(30)	1. (CH) 200610141524,8 – 29/09/2006 2. 3.
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(12)	Patent

## (54) A RESCUE VEHICLE Patent Period Started From 29/10/2006 and Will end in 28/10/2026

(57) A rescue vehicle comprises a mad vehicle and a compartment carried by the vehicle. The compartment is generally boxed shaped and houses medical supplies and equipment. The compartment includes a fixed structure and at least one rigid movable panel which is mov8SIe relative to the fixed structure between a condition closing a side of the compartment wherein the panel defines at least part of a side wall and an erected condition wheaten the panel is in a substantially or near horizontal condition and thereby creating an opening. The panel is movable in a pivoting manner to the fixed structure to extend outward lying flow the enclosure and above the opening to provide a region covered overhead for a person positioxie4 adjacent the side of the vehicle. Medical utilities selected from on or more of compressed air, suction, water, and oxygen are provided accessible by a user from the downwardly facing major surface of the at least one panel when in the erected condition for the purposes of or aiding in the treatment of patients positioned below the panel. The panel may also be of an extendable type such that a larger covered area can be provided. Side boards may also be included which act as a seat to personnel inside the compartment in a first condition and as a step up for people entering and leaving the compartment in a second condition.

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



(22)

· ^/09/2005

(21) 0407/2005

(44) | September 2010

(45) 01/03/2011

(11)

7 2 9 7 2

(51)	Int. Cl. 8 C07C 273/12, 273/04
(71)	1. UREA CASALE S.A. (SWITZERLAND)
(71)	2.
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(72)	1. PORRO, LINO
,	2.
	3.
(73)	1.
(,,,	2.
(30)	1. (EP) 04021455,3 – 09/09/2004
( )	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### **(54)** INTEGRATED PROCESS FOR UREA/MELAMINE PRODUCTION AND RELATED PLANT

#### Patent Period Started From 08/09/2005 and Will end in 07/09/2025

(57) Integrated process for urea/melamine production comprising the operating steps of:a) urea synthesis from ammonia and carbon dioxide, obtaining molten urea and a gaseous mixture comprising steam and ammonia;b) condensation of said gaseous mixture comprising steam and ammonia, obtaining a cold aqueous ammoniacal solution;c) melamine synthesis from urea with formation of off-gases, comprising ammonia and carbon dioxide;d) absorption of the off-gases in at least one fraction of the cold aqueous ammoniacal solution obtained in said step (b), with formation of a carbamate aqueous solution;e) decomposition of the carbamate aqueous solution, obtaining ammonia, carbon dioxide and steam, and a residual aqueous ammoniacal solution;f) recycling of the ammonia and of the carbon dioxide obtained in step (e) for the urea synthesis;g) treatment of the residual aqueous ammoniacal solution obtained in step (e) for the recovery of ammonia and carbon dioxide for the urea synthesis.

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



#### (22) 28/09/2002

- (21) 1070/2002
- (44) | September 2010
- (45) 07/03/2011
- (11) 7 : 965

(51)	Int. Cl. 8 A61K 9/08,31/18,31/194,31/315,33/02,33/14,33/14,33/30,47/18
(71)	<ol> <li>DR. GAMIL ADIB HABIB HAKEEM (EGYPT)</li> <li>3.</li> </ol>
(72)	1. DR. GAMIL ADIB HABIB HAKEEM 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	SHEREEN GAMIL ADIB HABIB HAKEEM
(12)	Patent

### (54) MERRY LACRIMAL EYE-DROPS TO OPEN THE LACRIMAL OPENINGS

### Patent Period Started From granted patent date and Will end in 27/09/2022

(57) This is the first eye-drops have effective power to:

Open all pores of the lacrimal apparatus to : the newly-born Infants

- CLEAN all lacrimal passages
- INITIATES the lacrimal reflexes of tear formation So, it is a true protection from DRY-EYE DISEASES.
- Protection to this prescription, as eye- drops, with its THREE Characters:
- 1- the prescription with its astringent power.
- 2- the prescription with its osmotic power.
- 3- the prescription with its p.H, and its preparation, & cleaning actions, and all its properties, to be suitable to act on the newly- born baby's eyes.

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

#### **Egyptian Patent Office**



(22) | YY/06/2006

(21) | PCT/NA2006/000614

(44) August 2010

(45) 13/03/2011

(11) 7 : 966

(51)	Int. Cl. 606F 9/54
(71)	1. NTT DOCOMO INC ( JAPAN ) 2. APLIX CORPORATION ( JAPAN ) 3.
(72)	1. MURAMATSU , NAOKI 2. HIRAYAMA , KEIKO 3. YAMADA , NOBUSHIGE
(73)	1. 2.
(30)	1. (JP) 435420 – 2003 – 26/12/2003 2. (PCT/JP2004/019705) – 22/12/2004 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### (54) COMMUNICATION TERMINAL AND PROGRAM

#### Patent Period Started From 22/12/2004 and Will end in 21/12/2024

(57) communication terminal, in which an OS (operating system) does not manage any application being activated, receives a message without establishing any communication connection, and notifies, when receiving a message addressed to an application being activated, the receipt thereof. In a mobile station (MS), a CPU uses an OS software and a JAM program both stored in a nonvolatile memory to write, into a key information area of a RAM, key information used for determining a Java application being activated by use of a KVM program. Upon receipt of an SMS message, the CPU writes, into an area of the RAM allocated to the Java application being activated, information indicative of receipt of that message when the content of that message is coincident with the key information in the key information area.

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





- (22)  $| \forall \wedge /07/2004 |$
- (21) 2004/0320
- (44) August 2010
- (45) 13/03/2011
- (11) 7 : 967

(51)	Int. Cl. <sup>8</sup>	
(71)	<ol> <li>LES LABORATOIRES SERVIER (FRANCE)</li> <li>3.</li> </ol>	
(72)	<ol> <li>LECLERC, VERONIQUE</li> <li>PAILLOUX, SYLVIE</li> <li>CARATO, PASCAL</li> <li>INTROVIGNE, CARINE</li> <li>LEBEGUE, NICOLAS</li> </ol>	<ul> <li>6. BERTHELOT, PASCAL</li> <li>7. DACQUET, CATHERINE</li> <li>8. BOUTIN, JEAN A, AIBERT</li> <li>9. CAIGNARD, DANIEL, HENRT</li> <li>10. RENARD, PIERRE</li> </ul>
(73)	1. 2.	
(30)	1. (FR) 0309214 - 28/07/2003 2. 3.	
(74)	SAMAR AHMED EL LABBAD	_
(12)	Patent	

## (54) NEW HETEROCYCLIC OXIME COMPOUNDS,A PROCESS FOR THEIR PREPARATION ANDPHARMACEUTICAL COMPOSITIONS CONTAINING THEM

### Patent Period Started From granted patent date and Will end in 27/07/2024

(57) Compounds of formula (I):Wherein X represents an oxygen or sulphur atom, or a group CH<sub>2</sub> or R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> are as defined in the description A represents an alkylene chain as defined in the descriptioh B represents an alkyl or alkenyl group substituted by a group D represents a benzene, pyridine, pyrazine, pyrimidine or pyridazine nucleus.Medicaments.

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





(21) 2001/0771

(44) August 2010

(45) | 14/03/2011

(11) 7 : 968

(51)	) Int. Cl. <sup>8</sup> C07D 213/76, 213/82, 401/04 & A61K 31/44 &	A61P 25/22, 25/24	
(71)	1. F. HOFFMANN-LA ROCHE AG (SWITZERLAND)		
(11)	2.	` '	
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<b>(72)</b>	) 1. HOFFMANN, TORSTEN	4. SLEIGHT, ANDREW	
	2. POLI, SONIA, MARIA		
	3. SCHNIDER, PATRICK		
(73)	) 1.		
( )	2.		
(30)	1. (EP) 00115287,5 – 14/07/2000		
( )	2.		
	3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent Patent		

## (54) PRODRUGS OF 4-PHENYL - PYRIDINE DERIVATIVES Patent Period Started From granted patent date and Will end in 10/07/2021

(57) The invention relates to compounds of formula:

wherein

R is hydrogen , lower alkyl , lower alkoxy , halogen or trifluoromethyl R1 is hydrogen or halogen ; or R and R¹ may be together with the ring carbon atoms to which they are attached -CH=CH-CH=CH-:  $R^2$  and  $R^2$  are independently from each other hydrogen , halogen , trifluoromethyl , lower alkoxy or cyano :or  $R^2$  and  $R^2$  may be tigether -CH=CH-CH=CH-: optionally substituted by one or two substituents selected from lower alkyl or lower alkoxy :  $R^3$  ,  $R^3$  are independently from each other hydrogen , lower alkyl or cycloalkyl :  $R^4$  ,  $R^4$  are independently from each other - (CH2) mOR $^6$  or lower palkyl or  $R^4$  and  $R^4$  form together with the N-atom to which they are attached a cyclic tertiary amine of the group.



(22)  $|\cdot \wedge /08/2007|$ 

(21) 0415/2007

(44) | September 2010

(45) 14/03/2011

(11) 14969

Arab Republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology
<b>Egyptian Patent Office</b>

(51)	Int. Cl. <sup>8</sup> A23G 1/00, 3/00 & C11C 3/00
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	<ol> <li>DR. WAFAA MOHAMAD MOHAMAD ABOZEID</li> <li>PRODR. ABD EL-AZIZ NADIR SHAHATA</li> <li>DR.AHMAD MOHAMAD AHAB IBRAHIM HEGAZY</li> </ol>
(73)	1. 2.
(30)	1. 2. 3.
(74)	MAGDA MAHSEB EL SAYED
(12)	Patent

## (54) CHOCOLATE PRODUCTION METHOD FROM CHUFA TUBER AS INSTEAD MATERIALS OF CACAO

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

The patent is related to Chocolate production method from chufa tuber as instead materials of cacao. The Chufa tubers werw germination for a period up to 48 hr at room temp. then they were air dried to reduce the moisture level to 10% to the Chufa tubers. The feinal product was dry gowned to reduce the granule priatical (150-200 M) then wet gowned was granule enhance the moisture lower to 30% and enhance slightly the PH level to 7.5 7.7 by adding sodium beerbonate, the protease enzymes were added with a peroretion of 10 units to 1 litre water. The sucrose was mixed with the above content during wet milling. The whale product was roasted at temp. 180 C for 2 hrs to induce carmalization and to achieve the most desirable color and tast. at was then wet milled once more to finely enhance the participle textural product the rested product was compressed to extract the oil from Chufa tubers to produce a Chufa tubers cocoa powder . which could used in chocolate manufacture where the powder was tubers and mixed with milk, lecithin and vanilia, the where mixer were homogenizer malted and then stared in a hot silos, packaging in rages, could and wrapper.

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





- (22) 13/05/2007
- (21) PCT/NA2007/000469
- (44) August 2010
- (45) 23/03/2011

(51)	Int. Cl. <sup>8</sup> A61M 35/00
(71)	1. OTSUKA AMERICA PHARMACEUTICAL,INC ( UNITED STATES OF AMERICA ) 2. 3.
(72)	1. LEWKOWICZ, HENRY, L. 2. VANEK, PATRICK, P. 3.
(73)	1. 2.
(30)	1. (US) US 60/629,173 – 17/11/2004 2. (US) PCT/US2005/040808 – 14/11/2005 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

#### (54) FLUID APPLICATION DEVICE AND METHOD

#### Patent Period Started From 14/11/2005 and Will end in 13/11/2025

(57) The present application invention provides a device for application of fluids. An applicator device for applying a fluid, said device comprising: a handle comprising a proximate end and a distal end; a base coupled to the proximate end of the handle; and a substantially hydrophilic foam coupled to the base, wherein the substantially hydrophilic foam is configured to received the fluid.



(22)  $| \cdot | 7/01/2008 |$ 

(21) |000007/2008

(44) August 2010

(45) 23/03/2011

(51)	Int. Cl. <sup>8</sup> F02B 75/32 & F16H 21/16
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(72)	1. CHIO Chuy – NAN 2. 3. 4.
(73)	1. 2.
(30)	1. (PCT/CN2005/000992) – 07/07/2005 2. 3.
(74)	MOHSEN ANWAR HASSAN
(12)	Patent

## (54) KINETIC ENERGY GENERATION DEVICE Patent Period Started From 07/07/2005 and Will end in 06/07/2025

(57) A kinetic energy generation device, comprising a case having a fixation gear wheel disposed at an interior rim thereof and engaged with a movable gear wheel. In the case, a motion transmission member having a motion transmission shaft at an axis thereof is also comprised. An axis gear wheel is disposed in relation to the movable gear wheel so that the axis gear wheel is engaged with the motion transmission shaft. External to the axis gear wheel, a flywheel is engaged therewith and revolved in synchronization with the movable gear wheel. A force applying shaft is disposed at an end of the flywheel and links are disposed on the force applying shaft. Each link is disposed on a piston of a cylinder. When the piston exerts a pressure on the force applying shaft through the link, the flywheel and the movable gear wheel revolve about the axis gear wheel and the motion transmission shaft is caused to revolve by the axis gear wheel, whereby a power is outputted by the motion transmission shaft.



(22) | 7 0/11/2008

Arab Republic of Egypt		(21)	1910/2008
Ministry of State for Scientific Research Academy of Scientific Research & Technology		(44)	October 2010
Egyptian Patent Office	8·4·3	(45)	24/03/2011
G. <u>-</u>		(11)	7 £ 972

(51)	Int. Cl. <sup>8</sup> B22D 11/12
(71)	1. SMS DEMAG AG ( GERMANY )
	2. 3.
(72)	1. SEIDEL JÜRGEN
	2. SUDAU PETER
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(73)	1.
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(74)	WAGDY NABEH AZIZE
(12)	Patent

#### (54) METHOD AND DEVICE FOR PRODUCING A METAL STRIP BY **CONTINUOUS CASTING**

#### Patent Period Started From 23/05/2007 and Will end in 22/05/2027

(57) The invention relates to a method for producing a metal strip by continuous casting. According to said method, a slab, preferably a thin slab, is initially cast in a casting machine, said slab being deviated from a vertical direction (V) into a horizontal direction, and in the direction of transport (F) of the slab arranged behind the casting machine, the slab is subjected to a milling operation in the milling machine, in which at least one surface of the slab, preferably two surfaces which are opposite to each other, are milled. In order to obtain a high economic viability and improved machining parameters when the strips are rolled, the slab is milled as a first mechanical machining step after the slab is deviated in the horizontal direction (H). The slab is cast with a thickness (d) of at least 50 mm and the slab is cast with a mass flow, which is the product of the casting speed and the slab thickness (v x d), of at least 350 m/min x mm. The invention also relates to a device for producing a metal strip by continuous casting.



(22) **Yo/09/2007** 

(21) 0500/2007

(44) August 2010

(45) 27/03/2011

(11) | ₹ 973

	Tr Ct. 8 . CO.T.C. A.(O.)
(51)	Int. Cl. <sup>8</sup> C05G 3/00
(71)	1. SAFIA HAMDY MAHMOUD SHAMARDAL EL – HANAFY (EGYPT)
	2.
	3.
(72)	1. SAFIA HAMDY MAHMOUD SHAMARDAL EL – HANAFY
	2.
	3.
(73)	1.
` ′	2.
(30)	1.
	2.
	3.
(74)	
(12)	Patent

## (54) A MIXTURE TO ENHANCE ORNAMENTAL PLANT PRODUCTION Patent Period Started From 25/09/2007 and Will end in 24/09/2027

(57) Plant and animal tissues are similar. Two animal horrmones (ethinyl estradiol and lynestrenol) were added at different concentrations to the drenching solution with the fertilizing mixture 23:20:20:2 , to examine their effects on growth and development of Pothos plant. Statistical analysis of the results revealed a clear response in the form of considerable enhancement of plant height, as well as leaf and stem parameters. The best enhancing effects were recorded with the mixture containing estrogen in the form of ethinyl estradiol at 0.1 ppm. It can be concluded that estrogen may represent a biological enhancing growth regulator for ornamental plants.



- (22) \\ \( \cdot \) \( \langle \) \( \langle 09/2006 \)
- (21) 0484/2006
- (44) October 2010
- (45) 24/03/2011
- (11) 7 5 9 7 4

(51)	Int. Cl. <sup>8</sup> B60T 1/00
(71)	1. GAMAL IBRAHIM ALY SALEM (EGYPT) 2. 3.
(72)	1. GAMAL IBRAHIM ALY SALEM 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

## JET BRAKE Patent Period Started From 10/09/2006 and Will end in 09/09/2026

(57) Jet energy will be generated to absorb majority of vehicle kinetic energy, reduce Brake distance, and increase active & passive safety. This energy is applied during emergency brake, tire exploded, vehicle turn over, And before crash to protect cabin from destroying. Jet energy can be generated by hot compressed air, or hot steam, which heated By exhausted gas.



- (22) | \(^{0}4/2009\)
- (21) 0454/2009
- (44) | September 2010
- (45) 28/03/2011

(51)	Int. Cl. <sup>8</sup> G01V 1/00 , 1/52 & H03H 17/00 , 17/08
(71)	1. PGS GEOPHYSICAL AS ( NORWAY ) 2. 3.
(72)	<ol> <li>VAN BORSELEN G. ROALD</li> <li>VAN DEN BEN BERG M. PETER</li> <li>FOKKEMA T. JACOB</li> </ol>
(73)	1. 2.
(30)	1. (US) 12/082,006 – 08/04/2008 2. 3.
(74)	DR. MOHAMED KAMEL MOSTAFA
(12)	Patent

## (54) METHOD FOR DEGHOSTING MARINE SEISMIC STREAMER DATA WITH IRREGULAR RECEIVER POSITIONS

#### Patent Period Started From 05/04/2009 and Will end in 04/04/2029

(57) seismic data are obtained for each seismic source activation in a marine streamer and for each frequency after being transfoormed 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 deghosting system of equations the solution is inverse transformed back to a space time domain to provide deghosted seismic data.



(22)	05/01	/2009

(21) 0017/2009

(44) **September 2010** 

(45) 28/03/2011

(51)	Int. Cl. <sup>8</sup> G01V 1/38
(71)	1. PGS GEOPHYSICAL AS ( NORWAY ) 2. 3.
(72)	1. TILMAN KLUVER 2. 3.
(73)	1. 2.
(30)	1. (US) 12/009,440 – 18/01/2008 2. 3.
(74)	DR. MOHAMED KAMEL MOSTAFA
(12)	Patent

## (54) METHOD FOR WAVEFIELD SEPARATION IN 3D DUAL SENSOR TOWED STREAMER DATA WITH ALIASED ENARGY IN CROSS-STREAMER DIRECTION

#### Patent Period Started From 05/01/2009 and Will end in 04/01/2029

(57) Pressure records and vertical particle velocity record from dual sensor towed streamer data are transformed to the inline wave number domain. A series of scaling filters are applied to the transformed vertical particle velocity records at each inline wave number, wherein each of the series of scaling filters is calculated for a different cross streamer wave number range and in blocks of inline traces in which all seismic events are approximately linear. The pressure spectrum and the scaled vertical particle velocity spectrum are combined to separate up going and downing wave field components. the separated up going and down going wavefield components are inverse- transformed back to the time – space domain.

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

#### **Egyptian Patent Office**



- (21) 0065/2006
- (44) August 2010
- (45) 28/03/2011
- (11) 7 : 977

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(51)	Int. Cl. <sup>8</sup> G01G 1/14
(71)	<ol> <li>PGS AMERICAS INC (UNITED STATES OF AMERICA)</li> <li>3.</li> </ol>
(72)	1. STEVEN J. MAAS 2. 3.
(73)	1. 2.
(30)	1. (US) 11/095,860 – 31/03/2005 2. 3.
(74)	DR. MOHAMED KAMEL MOSTAFA
(12)	Patent

## (54) OPTICAL ACCELEROMETER, OPTICAL INCLINOMETER AND SEISMIC SENSOR SYSTEM USING SUCH ACCELEROMETER AND INCLINOMETER

#### Patent Period Started From 19/02/2006 and Will end in 18/02/2026

(57) An optical accelerometer includes a beam and at least one optical fiber affixed to one side of the beam such that deflection of the beam changes a length of the optical fiber. Means for sensing the change in length of the optical fiber is functionally coupled to the at least one fiber. A seismic sensor system includes at least two accelerometers, oriented such that their sensitive axes are at least partially aligned along mutually orthogonal directions. Each accelerometer includes a beam, and at least one optical fiber affixed to one side of the beam such that deflection of the beam changes a length of the at least one optical fiber. Means for sensing the change in length of the optical fiber is functionally coupled to at least one fiber of each accelerometer.

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



# GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN APRIL 2011"

### **Egyptian Patent Office**

Issue No 180 MAY 2011



Mervet Tawfik Abd Allah Hoda Galal Abdou

> Revised by

Azza Abd Allah Abou EI - Naga Magdy Hassan Madbooly

Supervised by

Mr. Adel El- Saeid Oweide

**Acting President of Patent Office** 

**Publisher: Egyptian Patent Office** 

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(PATENT No. 25003)	(27)

#### **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
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Priority Country	
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Title	54
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Patentee Name	73
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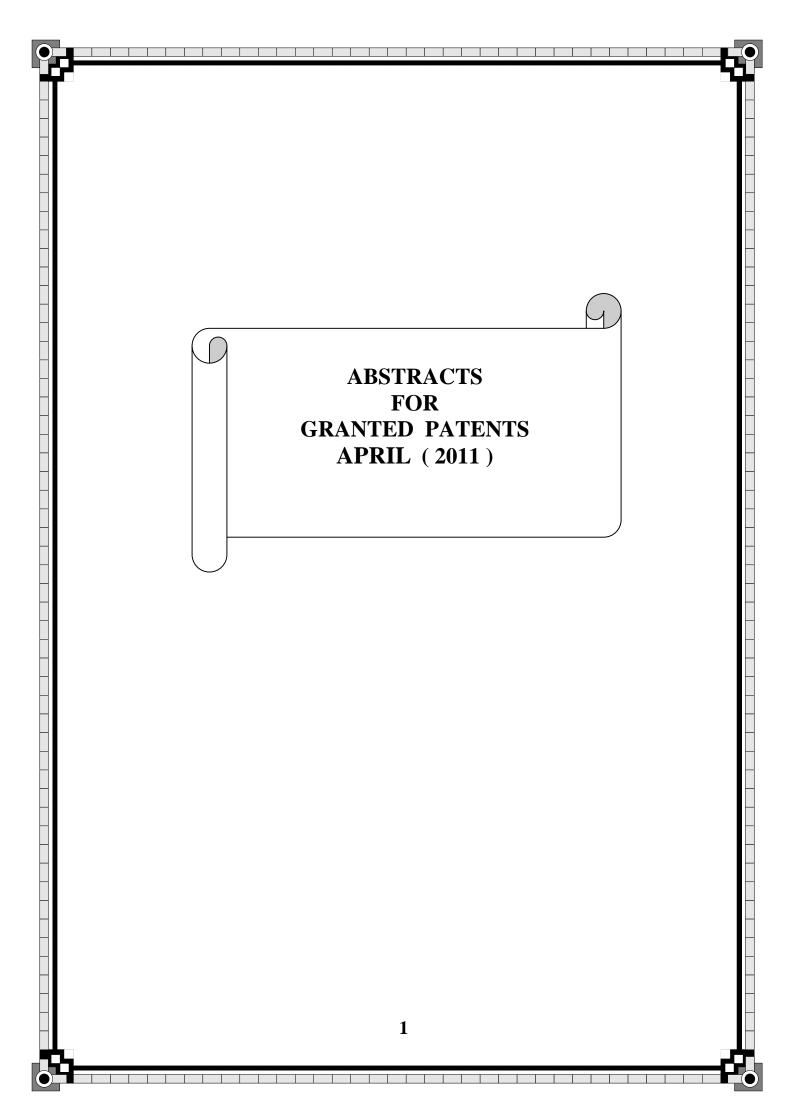
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TH	Thailand
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TN	Tunisia
TR	Turkey
TT	Trindad and Topago
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UA	Ukraine
UG	Uganda
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

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ZM	Zambia
ZR	Zaire
ZW	Zimbabwe



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

#### **Egyptian Patent Office**

Patent

(12)



- (22) | Y o/01/2003
- (21) |0067/2003
- (44) October 2010
- (45) |03/04/2011
- Y £ 9 78 (11)
- (51) Int. Cl. 8 C07D 209/80, 209/88 & A61K 31/403 & A61P 43/00 MERCK FROSST CANADA & CO. (CANADA) **(71)** BERTHELETTE, CARL STURINO, CLAUDIO **(72)** LACHANCE, NICOLAS 5. WANG, ZHAOYIN LI, LIANHAI **(73)** (30)1. (US) 60/351,384 – 24/01/2002 SAMAR AHMED EL LABBAD

#### FLUORO SUBSTITUTED CYCLOALKANOINDOLES, (54)COMPOSITIONS CONTAINING SUCH COMPOUNDS AND METHODS OF TREATMENT

#### Patent Period Started From granted patent date and Will end in 24/01/2023

(57) Flour substituted cycloalkanoindole derivatives are antagonists of prostaglandins, and as such are useful for the treatment of prostaglandin mediated diseases.

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

#### **Egyptian Patent Office**



- (22) 16/10/2008
- (21) | 1704/2008
- (44) November Y.Y.
- (45) 05/04/2011
- (11) | ₹ 4 7 9

(51)	Int. Cl. <sup>8</sup> H01T 13/46
(71)	1. HOSNY IBRAHIM SABRY (EGYPT) 2. 3.
(72)	1. HOSNY IBRAHIM SABRY 2. 3.
(73)	1. 2.
(30)	1. (CT/EG2006/000016) – 20/04/2006 2. 3.
(74)	
(12)	Patent

### SPARK PLUG Patent Period Started From 20/04/2006 and Will end in 19/04/2026

(57) The improved spark plug of the present invention includes three parallel electrodes of identical strips made of nickel alloys. The positive electrode ( in the form of letter T) lies in the middle between the negative electrodes, each negative electrode is supported by one mounting post welded to the threaded end of the plug body . all the electrodes are in vertical position , and in the same horizontal plane. The gap distance between the electrodes is the same as in the traditional spark plug . Finally , The great area of the opposite electrode ( 16mm2 ) with respect to old types contribute to stronger sparks and more consistent firing.

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





- (22) 01/02/2007
- (21) 0054/2007
- (44) November 7.1.
- (45) 06/04/2011
- (11) | 7 5 9 80

(51)	Int. Cl. <sup>8</sup> G08B 1/08, 1/100
(71)	1. KHALED AHMED IMAM (EGYPT) 2. ASEM SHERIF AHMED (EGYPT) 3. MOHAMED HAMDI ALI (EGYPT)
(72)	1. KHALED AHMED IMAM 2. ASEM SHERIF AHMED 3. MOHAMED HAMDI ALI
(73)	1. 2.
(30)	1. 2. 3.
(74)	KHALED AHMED IMAM
(12)	Patent

### (54) NEW WAY FOR A DOOR BELL SENDER BY CHANGING THE ENTRANCE OF POWER ELECTRICITY

#### Patent Period Started From 01/02/2007 and Will end in 31/01/2027

(57) NEW way for a door ball sender by changing the entrance of power electricity by using remote control door ball works on socket by special sender works on magic system. Said sender must have Ac/Dc transmitter inside it and make a change to the live line which used in normal push button to be live and neutral as a complete Ac power line which is needed to give the power for said sender.

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

#### **Egyptian Patent Office**



- (22) 06/11/2008
- (21) 1805/2008
- (44) November Y.Y.
- (45) 10/04/2011
- (11) | 7 : 981

(51)	Int. Cl. A B22D 11/12
(71)	1. SMS DEMAG AG (GERMANY) 2. 3.
(72)	<ol> <li>SEIDEL JÜRGEN</li> <li>SUDAU PETER</li> <li>.</li> </ol>
(73)	1. 2.
(30)	1. (DE) 102006024586,5 - 26/05/2006 2. (DE) 102007022928,5 - 14/05/2007 3. (PCT/EP2007/004578) - 23/05/2007
(74)	WAGDY NABEH AZIZE
(12)	Patent

### (54) DEVICE FOR PRODUCING A METAL STRIP BY CONTINUOUS CASTING

#### Patent Period Started From 23/05/2007 and Will end in 22/05/2027

(57) The invention to a device for producing a metal strip by continuous casting, using a casting machine in which a slab, preferably a thin slab, is cast. At least one milling machine is arranged in the direction of transport of the slab behind the casting machine, in which at least one surface of the slab, preferably two surfaces which are opposite to each other, cane milled. At least one decaling device is arranged in the direction of transport of the slab behind the casting machine. In order to keep the temperature loss during processing and/or machining of the slab to a minimum, the milling machine and the decaling device are embodied as an integral unit.

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#### **Egyptian Patent Office**



- (22) 04/11/2008
- (21) 1806/2008
- (44) November Y.Y.
- (45) 10/04/2011
- (11) 7 : 982

(51)	Int. Cl. <sup>8</sup> B22D 11/12	
(71)	1. SMS DEMAG AG ( GERMANY ) 2. 3.	
(72)	<ol> <li>SEIDEL JÜRGEN</li> <li>SUDAU PETER</li> <li>MERZ JÜRGEN</li> </ol>	4. KIPPING MATTHIAS
(73)	1. 2.	
(30)	1. (DE) 102006024586,5 - 26/05/2006 2. (DE) 102007022927,7 - 14/05/2007 3. (PCT/EP2007/004598) - 23/05/2007	
(74)	WAGDY NABEH AZIZE	
(12)	Patent	

### (54) DEVICE AND METHOD FOR PRODUCING A METAL STRIP BY CONTINUOUS CASTING

#### Patent Period Started From 23/05/2007 and Will end in 22/05/2027

(57) The invention relates to a device for producing a metal strip by continuous casting, using a casting machine in which a slab, preferably a thin slab, is cast. At least one milling machine is arranged in the direction of transport of the slabbehind the casting machine. At least one surface of the slab, preferably two surfaces which are opposite to each other, can be milled in said milling device. According to the invention, in order to keep the temperature loss to a minimum when the slab is machined and/or processed, at least one milling cutter of the milling machine, preferably the entire milling machine, is arranged in a displaceable manner in the direction perpendicular to the direction of transport of the slab. The invention also relates to a method for producing a metal strip.

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(22)	08/01	/2008
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(21) 0044/2008

(44) November Y.Y.

(45) 10/04/2011

(11) 7 : 987

(51)	Int. Cl. 8 A43B 9/00
(71)	1. GEOX S. P. A (ITALY ) 2. 3.
(72)	1. POLEGATO MORETTI, MARIO 2. 3.
(73)	1. 2.
(30)	1. (IT) (PD2005A000228) – 26/07/2005 2. (PCT/EP2006/006989) – 17/07/2006 3.
(74)	MAGDA HAROUN AND/ OR NADIA HAROUN
(12)	Patent

### (54) WATERPROOF VAPOR- PERMEABLE SHOE Patent Period Started From 17/07/2006 and Will end in 16/07/2026

(57) A waterproof and water vapor-permeable shoe, which comprises: a bottom shoe part, which comprises a sole that is perforated through from the tread toward the foot resting region, a top part, which surrounds the foot completely and in turn comprises, from the inside outwardly, a vapor-permeable or perforated lining, a membrane, which is waterproof and vapor-permeable and surrounds the foot, and a vapor-permeable or perforated upper. The outer bottom portion of the top shoe part, which is superimposed on the perforated area of the sole, is constituted by a portion of the membrane. A vapor-permeable or perforated protective element for the portion of the membrane is provided below the portion of the membrane and above the tread of the sole. The material arranged below the portion of the membrane and in direct contact therewith is waterproof and/or does not retain liquids. A water sealing region is provided between the portion of the membrane and the sole, around the perforated area of the sole, and separates the flaps of the upper from the perforated area of the sole.

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- (22) 20/11/2007
- (21) PCT/NA2007/001267
- (44) November 7.1.
- (45) 11/04/2011
- (11) 7 : 98 :

(51)	Int. Cl. 8 C08F 290/04, 220/18 & A61L 27/16 & G02B 1/04
(71)	1. ALCON INC (SWITZERLAND) 2. 3.
(72)	<ol> <li>SCHLUETER, DOUGLAS, C.</li> <li>KARAKELLE, MUTLU</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (US) 60/690,000 – 13/06/2005 2. (PCT/US2006/022808) – 12/06/2006 3.
(74) (12)	NAZEEH A. SADEK ELIAS Patent

### (54) OPHTHALMIC AND OTORHINOLARYNGOLOGICAL DEVICE MATERIALS

#### Patent Period Started From 12/06/2006 and Will end in 11/06/2026

(57) Disclosed are soft, high refractive index device materials having improved strength. The materials contain a nonfunctional or dysfunctional, acryl ate or methacylate terminated aromatic functional methacylic or acrylic macromere.

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#### **Egyptian Patent Office**



- (22) 21/09/2008
- (21) 1565/2008
- (44) November Y.Y.
- (45) 11/04/2011
- (11) 7:480

(51)	Int. Cl. <sup>8</sup> B67D 1/08
(71)	1. HEINEKEN SUPPLY CHAIN B.V (NETHERLANDS) 2. 3.
(72)	1. BAX BART JAN 2. 3.
(73)	1. 2.
(30)	1. (NL) 1031411 – 20/03/2006 2. (PCT/NL2007/050111) – 19/03/2007 3.
(74)	NAZEEH A. SADEK ELIAS Patent

### (54) TAPPING DEVICE Patent Period Started From 19/03/2007 and Will end in 18/03/2027

(57) A tapping device, provided with a compartment with a tapping platform thereon, wherein a tapping column is detachably fixed on the tapping platform and the compartment is designed as a refrigerator, which refrigerator is provided with an opening in the top side through which a junction box of the tapping platform is passed and wherein the tapping platform is provided above said junction box, wherein the tapping column comprises at least one passage between the junction box and a tapping cock near an upper end of the tapping column, all this such that, from an inner space of the refrigerator, a tapping line can be passed through the junction box into said passage and can be functionally coupled with the tapping cock.

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- (22) 15/07/2008
- (21) 1187/2008
- (44) November 7.1.
- (45) 11/04/2011
- (11) | 7 5 9 86

(51)	Int. Cl. <sup>8</sup> B01J 19/24, 35/04
(71)	1. INEOS EUROPE LIMITED (UNITED KINGDOM)
	2.
	3.
<b>(72)</b>	1. WILLIAMS VAUGHAN CLIFFORD
	2.
	3.
	4.
(73)	1.
` /	2.
(30)	1. (EP) 06250307,3 – 20/01/2006
,	2. (PCT/GB 2006/004825) – 20/12/2006
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) PROCESS FOR CONTACTING A HYDROCARBON AND AN OXYGEN- CONTAINING GAS WITH A CATALYST BED Patent Period Started From 20/12/2006 and Will end in 19/12/2026

(57) The present invention relates to a process for contacting a hydrocarbon and an oxygen-containing gas with a catalyst bed in a reactor at a space velocity of at least 10,000 h-1, said process being characterized in that a) the reactor has a polygonal internal cross-section at least in the section where the catalyst bed is held, b) the catalyst bed is made up of 2 or more layers of catalyst in the form of tiles of polygonal shape, said tiles having at least 4 sides, c) each layer of catalyst comprises at least 4 tiles which tessellate together to form said layer, and d) the edges where 2 tiles meet in one layer do not align with the edges where 2 tiles meet in an adjacent layer.



(22) 08/06/2008

(21) 0950/2008

(44) November Y.Y.

(45)11/04/2011

Y £ 9 87 (11)

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cademy of Scientific Research & Technology	
<b>Egyptian Patent Office</b>	

(51)	Int. Cl. <sup>8</sup> B28B 11/24
(71)	1. ITALCEMENTI S. P. A (ITALY) 2. 3.
(72)	<ol> <li>GUERRINI GIAN LUCA</li> <li>ALFANI ROBERTA</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (IT) (M12005A002359) – 09/12/2005 2. (PCT/EP2006/011733) – 05/12/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### **(54)** PROCESS FOR THE PRODUCTION AND FORM PRESERVATION OF AN EXTRUDED PRODUCT MADE OF **CEMENTITIOUS MATERIAL**

#### Patent Period Started From 05/12/2006 and Will end in 04/12/2026

(57) The present invention relates to a process for the production and form preservation of an end-product made of cementations material comprising a rapid stiffening phase of the neo-extruded end-product made of cementations material by irradiation of the neo-extruded end-product with microwaves.



(22) 07/05/2008

(21) 0753/2008

(44) November Y.Y.

(45)12/04/2011

7 5 9 88 (11)

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Academy of Scientific Research & Technology
<b>Egyptian Patent Office</b>

(51)	Int. Cl. <sup>8</sup> B01J 19/24, 8/02
(71)	1. METHANOL CASALE S.A. (SWITZERLAND) 2. 3.
(72)	<ol> <li>FILIPPI, ERMANNO</li> <li>RIZZI, ENRICO</li> <li>TAROZZO, MIRCO</li> </ol>
(73)	1. 2.
(30)	1. (EP) 05024289 - 08/11/2005 2. (PCT/EP2006/010445) - 31/10/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### **(54) OUTWARDLY ISOTHERMAL CHEMICAL REACTOR** Patent Period Started From 31/10/2006 and Will end in 30/10/2026

(57) The present invention concerns an outwardly isothermal reactor comprising a substantially cylindrical shell, at least one catalytic bed supported in the shell and at least one heat exchange unit supported in the bed, the heat exchange unit comprising a plurality of exchangers substantially box shaped, of essentially elongated rectangular and flattened structure, each of the exchangers having opposite long sides parallel to the cylindricalshell axis and opposite short sides extended perpendicularly with respect to the shell axis and comprising furthermore an inner chamber through which a heat exchange operating fluid in intended to flow, wherein at least one exchanger of such at least one heat exchange unit is internally equipped with a plurality of separation baffles extended from a short side of the exchanger to the opposite short side and in a predetermined spaced relationship with respect to the latter, defining in the inner chamber a substantially zigzag fluid path having alternating ascending and descending portions.

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(22)	16/03	/2008
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(21) 0445/2008

(44) November Y.Y.

(45) 12/04/2011

(11) 7 : 989

(51)	Int. Cl. 8 E04B 2/58, 2/06
(71)	1. DYNTEK PTE LTD (SINGAPORE) 2. 3.
(72)	1. NG, WEE BENG 2. WYATT, GARY DONALD 3.
(73)	1. 2.
(30)	1. (SG) 200505952-2 – 16/09/2005 2. (PCT/SG2006/000266) – 12/09/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) A SUPPORT MEMBER ASSEMBLY Patent Period Started From 12/09/2006 and Will end in 11/09/2026

(57) A support member system is disclosed herein. In a preferred embodiment, the system comprises an elongate support member having an effective length, an elongate member engagement portion arranged to engage with one end of the elongate support member to extend the member's effective length, and a base portion for engaging with a support structure. The base portion including connection means for releasably connecting the base portion selectively to the elongate member engagement portion or to the elongate support member.

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

#### **Egyptian Patent Office**



- (22) 24/07/2008
- (21) 1250/2008
- (44) November 7.1.
- (45) 13/04/2011
- (11) | 7 : 9 9 .

(51)	Int. Cl. <sup>8</sup> F16H 1/16
(71)	1. SPINCONTROL GEARING LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	1. CARRIER ERIC D 2. CARRIER DAVID O 3.
(73)	1. 2.
(30)	1. (US) 11/040,920 - 26/01/2006 2. (PCT/US2007/001774) - 23/01/2007 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### (54) WORM-GEAR ASSEMBLY HAVING A PIN RACEWAY

#### Patent Period Started From 23/01/2007 and Will end in 22/01/2027

(57) A worm-gear assembly including a worm screw having at least one groove and a wheel having a plurality of rotatable pins along its periphery for engaging the worm screw. The pins are able to rotate in a direction other than a direction of wheel rotation. At least one raceway is provided for contacting pins that are not engaged with the worm screw during operation of the assembly.

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

#### **Egyptian Patent Office**



- (22) 17/09/2007
- (21) PCT/NA2007/000993
- (44) November Y.Y.
- (45) 13/04/2011
- (11) | 7 : 9 9 1

(51)	Int. Cl. 8 A47C 17/20
(71)	1. WIBERG OLE (DENMARK) 2. 3.
(72)	1. WIBERG, OLE 2. 3.
(73)	1. 2.
(30)	1. (AT) (A471/2005) – 21/03/2005 2. (AT) (A454/2006) – 17/03/2006 3. (PCT/AT 2006/000118) – 20/03/2006
(74) (12)	SAMAR AHMED EL LABBAD Patent

## (54) SEATING FURNITURE, WHICH CAN BE CONVERTED INTO IN A BED, AND COVER FOR THE LYING SURFACE OF AN ITEM OF FURNITURE OF THIS TYPE

#### Patent Period Started From 20/03/2006 and Will end in 19/03/2026

(57) An item of seating furniture, which can be converted into a bed, is provided with a frame and with at least one trolley that can be stowed inside and retracted from the frame. The frame and the chassis comprise, as a support for seating or lying cushions, slats, which are fastened on one side and which extend in the retracting direction of the chassis (the chassis). The slats are interspaced in such a manner that the slats of the chassis (the chassis) are located between the slats of the frame when the chassis is in a stowed state (the chassis). A cover for an item of furniture of this type comprises a sheet and a soft layer located underneath. The soft layer has an elasticity that resists rolling up so that the layer automatically unrolls over the lying surface after having been rolled up with the sheet. This results in an arrangement that is simple and comfortable to use.

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



(21) 0081/2006

(44) November 7.1.

 $(45) | 1^{\xi}/04/2011$ 

(11) | ₹ 5 9 9 2

(51)	Int. Cl. <sup>8</sup> C07C 273/04 & B01J 19/24, 1/00
(71)	1. UREA CASALE S.A (SWITZERLAND) 2. 3.
(72)	<ol> <li>ROMITI, DOMENICO</li> <li>STICCHI, PAOLO</li> <li>.</li> </ol>
(73)	1. 2.
(30)	1. (EP) 05004732,3 - 03/03/2005 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) PROCESS FOR UREA PRODUCTION AND RELATED PLANT Patent Period Started From 02/03/2006 and Will end in 01/03/2026

(57) A process for urea production from ammonia and carbon dioxide, made to react at a predetermined high pressure in an appropriate synthesis reactor, from the reaction between NH3 and CO2 being obtained a reaction mixture comprising urea, ammonium carbonate and free ammonia in aqueous solution, from which a recovery of ammonium carbonate and ammonia is carried out with their subsequent recycle to the synthesis reactor, said recovery from the reaction mixture taking place through operative steps of decomposition of the ammonium carbonate into NH3 and CO2 and of their stripping and a subsequent operative step of their recommendation into ammonium carbonate that is recycled to the synthesis reactor, the said reaction t mixture obtained from the reaction between ammonia and carbon dioxide being pumped to the operative steps of decomposition and stripping.

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





- (22) 07/10/2008
- (21) 1645/2008
- (44) November Y.Y.
- (45) 14/04/2011
- (11) | Y & 9 9 7

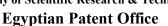
(51)	Int. Cl. <sup>8</sup> F24J 2/06 & H01L 31/052
(71)	1. SUNCYCLE INTERNATIONAL GMBH (SWITZERLAND) 2.
(72)	3. 1. BIJL, ROY 2. PENNING, PETER
(73)	3. 1.
(30)	2. 1. (NL) 1031544 – 07/04/2006 2. (PCT/NL2007/000095) – 05/04/2007
(74)	3. SAMAR AHMED EL LABBAD
(12)	Patent

#### (54) DEVICE FOR CONVERTING SOLAR ENERGY

#### Patent Period Started From 05/04/2007 and Will end in 04/04/2027

(57) The invention relates to a devicefor converting solar energy, comprising a solar radiation capturing unit comprising at least one lens having a entry surface for the incident solar radiation and an exit surface for emitting the solar radiation in refracted form to a solar radiation concentrating unit comprising a reflector surface for reflecting the solar radiation incident on the reflector surface from the exit surface of the lens to at least one target area of the solar radiation concentrating unit. The device comprises positioning means for orienting the solar radiation capturing unit and the solar radiation concentrating unit with respect to each other through rotation about at least one axis perpendicular to a plane formed by the lens.

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





#### (22) 08/08/2007

- (21) 0416/2007
- (44) November Y.Y.
- $(45) | 1 \frac{1}{2} / 04 / 2011$
- 7 2 9 9 2 **(11)**

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

#### METHOD FOR DOING ACCURATE REAL TIME SCADA (54)SIMULATOR FOR GENERAL STUDIES

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

(57) It Is one of the most important application for the basic standard multiplication simulator. By using accurate analyzed inputs and programs that achieve very accurate output results which reach 100% accuracy. On the SCADA systems using future correction factors for reports and checked results report as doing before for the basic standard multiplication simulator. To obtain the studies of generation, loads, losses ,used factor load factor or any other studies. For any periodic time start from 4seconds (scanned period of data) by SCADA systems.

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

#### **Egyptian Patent Office**



- (22) 17/09/2008
- (21) | 1538/2008
- (44) November 7.1.
- (45) 19/04/2011
- (11) 7:995

(51)	Int. Cl. <sup>8</sup> B42C 9/00
(71)	1. UNIBIND LIMITED (CYPRUS) 2. 3.
(72)	<ol> <li>PELEMAN, GUIDO</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (IB) 0179/2006 - 22/03/2006 2. (PCT/IB2007/000636) - 14/03/2007 3.
(74)	MRS. SOHEIR M. JOSEPH, ATTORNEY
(12)	Patent

### (54) METHOD FOR THERMALLY BINDING A BUNDLE OF LOOSE LEAVES AND BINDING ELEMENT APPLIED THEREBY

#### Patent Period Started From 14/03/2007 and Will end in 13/03/2027

(57) Method for thermally binding a bundle of losse leaves in a binding back, charactersed un that on a side edge of the abov-mentioned bundle to be bound is provided a strip of melting glue, after which this bundle is placed in the above-mentioned binding back with the side edge with melting glue and this binding back is heated so as to make the strip of melting glue melt, after which the melting glue is left to cool so as to bind the bundle of leaves in the binding back.

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

#### **Egyptian Patent Office**



- $(22) | Y \wedge /05/2008$
- (21) · \ 4 \ 7 / 2008
- (44) November 7.1.
- (45) |19/04/2011
- (11) | 7 : 9 9 7

(51)	Int. Cl. B65H 54/34, 67/08, 63/08
(71)	<ol> <li>LUNATON INDUSTRIELLE ELEKTRONIK GMBH (AUSTRIA)</li> <li>BSW MACHINERY HANDELS-GMBH (AUSTRIA)</li> <li>3.</li> </ol>
(72)	1. MAIR, ALEXANDER 2. 3.
(73)	1. 2.
(30)	1. (AT) A 1935/2005 – 30/11/2005 2. (PCT/AT 2006/000485) – 24/11/2006 3.
(74)	SHADY FAROUK MUBARAK
(12)	Patent

### (54) REEL AND DEVICE FOR IDENTIFYING PROPERTIES OF THE REEL MATERIAL

#### Patent Period Started From 24/11/2006 and Will end in 23/11/2026

(57) A reel with a reel covering and strip- or thread-shaped reel material rolled up on this in a multiplicity of layers, in which at least one marking (MA, ME) in the form of a significant alteration to the laying angle  $(\phi)$  is provided for marking the properties of the reel material , as well as a device for identifying properties of the reel material on such a reel , wherein a rotational speed sensor is allocated to the reel, an output signal from the rotational speed sensor is conveyed to a calculator and the variations in the output signal from the rotational speed sensor arising during unwinding of the reel material lead, as a result of the detector characteristics of the calculator, to an output signal during unwinding in the area of the marking, against which conventional rotational speed signals from non-marked areas of the winding material of the reel are produced by the calculator in such a way that no active output signal is given out.

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

### Egyptian Patent Office



- (22) 20/02/2007
- (21) 0090/2007
- (44) November Y.Y.
- (45) 19/04/2011
- (11) | Y £ 9 9 7

(51)	Int. Cl. <sup>7</sup> C12N 15/00
(71)	1. NATIONAL RESEARCH (EGYPT) 2. 3.
(72)	1. PROF. DR. KAMAL MOHAMED ALI KHALIL 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	MAGDA MAHSEB EL SAYED
(12)	Patent

### (54) METHOD FOR BACTERIAL PLASMIDS ISOLATION USING KIT BY ALKALINE AND HEAT

#### Patent Period Started From 20/02/2007 and Will end in 19/02/2027

(57) This kit is a very quick and easy method for plasmid isolation from bacteria with fewer steps. It takes less than 25 min. for sample to be ready for loading on agarose gel electrophoresis.

Using this kit, the plasmid takes only one form which appears as one clear and sharp band in the agarose gel after electrophoresis separation. Making the detection of more than one plasmid in the sample is much easier. This kit is able to isolate plasmid from bacterial cell with high efficiency and good quantity besides the real cost for one sample is very cheap.

**Ministry of State for Scientific Research** 



(21) PCT/NA2007/001315

Academy of Scientific Research & Technology  Egyptian Patent Office	\$ . P . S	\ /	August 2010 21/04/2011 Y £ 9 9 8	
(51) Int. Cl. <sup>8</sup> E21B 33/00				

(51)	Int. Cl. 8 E21B 33/00	
(71)	1. BJ SERVICES COMPANY U.S.A (UNITED 2. 3.	STATES OF AMERICA )
(72)	1. HILL ,THOMAS G., JR.	4. SIDES, WINFIELD M.
	2. MAILAND , JASON C.	5. BOLDING , JEFFREY L.
	3. MCGAVERN, CECIL G.	
(73)	1.	
, ,	2.	
(30)	1. (US) 60/595,138 – 05/06/2005	
( )	2. (PCT/US2006/022264) – 08/06/2006	
	3.	
(74)	NAZEEH A. SADEK ELIAS	
(12)	Patent	

#### (54) METHOD AND APPARATUS FOR CONTINUOUSLY INJECTING FLUID IN A WELLBORE WHILE MAINTAINING SAFETY **VALVE OPERATION**

#### Patent Period Started From 08/06/2006 and Will end in 07/06/2026

(57) A kit for converting an existing wire line retrievable surface controlled subsurface safety valve into a bypass passageway apparatus allowing the injection of production-enhancing fluid into a well bore while maintaining the operation of the closure member. Bypass passageway can extend between upper and lower adapters external to the existing wire line retrievable surface controlled subsurface safety valve to allow fluid injection bypass thereof. Conversion kit can include a tubing string hanger to suspend a velocity tubing string, a gas lift valve for gas lift operations, a locking mandrel, and/or a spacer tube.

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



- (22) 24/01/2007
- (21) 37/2007
- (44) November Y.Y.
- (45) 26/04/2011
- (11) | 7 : 9 9

(51)	Int. Cl. <sup>8</sup> F16K1/00
<b>(71)</b>	1. MOHAMED ABD EL WAHAB MOHAMED ESMAEL (EGYPT)
,	2.
	3.
(72)	1. MOHAMED ABD EL WAHAB MOHAMED ESMAEL
( - )	2.
	3.
(73)	1,
(,,,	2.
(30)	1,
(00)	2.
	3.
(74)	
(12)	Patent

### (54) WATER KEEPING TAP Patent Period Started From 24/01/2007 and Will end in 23/01/2027

(57) It is the common tap, but it was equipped with an additional supplement (the invention), it is a layer tube consists of an upper control handle installed in the cavity of the room of delivering water to the tap pipe, it is a circles of rubber and copper, connected also with a copper pendulum arm, this arm is projected from the pipe centre, a metallic weight is connected under this arm to stabilize it vertically and also to move the arm by one touch right or left to obtain water – in which no water flow unless by this mechanism, even if the tape was fully turned on.

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

#### **Egyptian Patent Office**



- (22) | 29/06/2008
- (21) 1112/2008
- (44) November Y.Y.
- (45) 27/04/2011
- **(11)** | **25000**

(51)	Int. Cl. <sup>8</sup> F22G 3/00
(71)	1. SIEMENS AKTIENGESELLSCHAFT (GERMANY) 2. 3.
(72)	1. JURETZEK UWE 2. 3.
(73)	1. 2.
(30)	1. (EP06000183.1) – 05/01/2006 2. (PCT/EP2007/050081) – 04/01/2007 3.
(74)	MAGDA HAROUN AND/ OR NADIA HAROUN
(12)	Patent

#### (54) STEAM CIRCUIT IN A POWER STATION

#### Patent Period Started From 04/01/2007 and Will end in 03/01/2027

(57) The invention relates to a steam circuit in a power station, comprising at least one evaporator and at least one superheated, characterized in that a condensate collector and return line is provided between the superheated and the steam generator to trap condensate in the superheated and return the condensate to the evaporator.

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



<b>(22)</b>	12/05/2008
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- (21) 0782/2008
- (44) July 2010
- (45) 27/04/2011
- (11) 25001

(51)	Int. Cl. 8 G01N 1/22 & B08B 9/027, 9/00
(71)	1. SIEMENS AKTIENGESELLSCHAFT (GERMANY) 2. 3.
(72)	1. LONNE, ROLF 2. ELSEN, JAN 3.
(73)	1. 2.
(30)	1. (EP) 05027687,2 - 16/12/2005 2. (PCT/EP2006/067791) - 26/10/2006 3.
(74)	MAGDA HAROUN AND/ OR NADIA HAROUN
(12)	Patent

## (54) METHOD AND DEVICE FOR CLEANING COMPONENTS OF A POWER STATION BY INJECTION OF A MEDIUM

Patent Period Started From 26/10/2006 and Will end in 25/10/2026

(57) The invention relates ti a method for cleaning plant components of a power station (1), wherein a medium is continuously passed through one or more plant components for cleaning in a closed circuit (K).

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

#### **Egyptian Patent Office**



- (22) 25/09/2008
- (21) 1596/2008
- (44) November Y.Y.
- (45) 27/04/2011
- (11) 25002

(51)	Int. Cl. <sup>8</sup> F24J 2/14, 2/18, 2/38, 2/54
(71)	1. CAPAN RAHMI OGUZ (TURKEY) 2. 3.
(72)	1. CAYLI, HULYA 2. 3.
(73)	1. 2.
(30)	1. (PCT/IB2006/050941) – 28/03/2006 2. 3.
(74) (12)	HODA ANIS SERAG EDDIN Patent

### (54) PARABOLIC SOLAR TROUGH SYSTEMS WITH ROTARY TRACKING MEANS

#### Patent Period Started From 28/03/2006 and Will end in 27/03/2026

(57) The inventive solar trough field system comprises multiple parabolic reflectors, support circles of which the center coincides with the focus of the parabolic reflector and which are used in order to support the reflector, core mechanisms which are located on the center of the circles, guy wires which connect the circle and the core mechanism to each other, side support units which bear the support circles from their outer surfaces, lightweight filling materials which support the reflectors from their lower parts, thermal receiver tubes which pass through the center axis of the circles. The parabolic reflectors are rotated around the center axis of the circles, which is the focus thereof, and directed towards the sun. Thus, the parallel beams coming from the sun are concentrated in the thermal receiver tubes which are located in the focus of the reflectors.

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





- (22) 29/10/2008
- (21) 1778/2008
- (44) November 7.1.
- (45) 27/04/2011
- (11) 25003

(51)	Int. Cl. <sup>8</sup> E21D 20/00		
(71)	1. FORESIGHT PRODUCTS LLC ( UNITED STATES OF AMERICA ) 2. 3.		
(72)	1. STAHM, WILLIAM, G. 2. 3.		
(73)	1. 2.		
(30)	1. (US) 29/270187 – 19/12/2006 2. (US) 11863138 – 14/05/2007 3. (PCT/US2007/014145) – 15/06/2007		
(74)	HODA ANIS SERAG EDDIN		
(12)	Patent		

#### (54) IMPROVED EARTH ANCHOR

#### Patent Period Started From 15/06/2007 and Will end in 14/06/2027

An earth anchor of the pivoting type having an essentially cylindrical body, a blind bore extending therein to from a trailing axial end of the cylindrical body and a leading edge projecting from a leading end of the body, the leading edge chisel shaped for ease of penetration into the ground, guiding surfaces extending substantially normal to the leading edge and forward of the main body portion, the guiding surfaces having a plurality of leading chisel edges stepped back from the leading edge and from one another as the guiding surface leading edges are spaced further away from a center of the leading edge, the guiding surfaces terminating in final leading edge spaced axially from the leading edge and laterally from each of the stepped leading edges and having at least a portion which extend radially beyond the main body, guide ridges extending from the final leading edges to the trailing axial end projecting radially from the body substantially no further than the maximum width of the guiding surface leading edges.

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



# GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN MAY 2011"

### **Egyptian Patent Office**

**Issue No 181 JUNE 2011** 



Mervet Tawfik Abd Allah Hoda Galal Abdou

> Revised by

Azza Abd Allah Abou EI - Naga Magdy Hassan Madbooly

Supervised by

Mr. Adel El- Saeid Oweide

**Acting President of Patent Office** 

**Publisher: Egyptian Patent Office** 

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( PATENT No. 25016)	(14)
( PATENT No. 25017)	(15)
( PATENT No. 25018)	(16)

#### **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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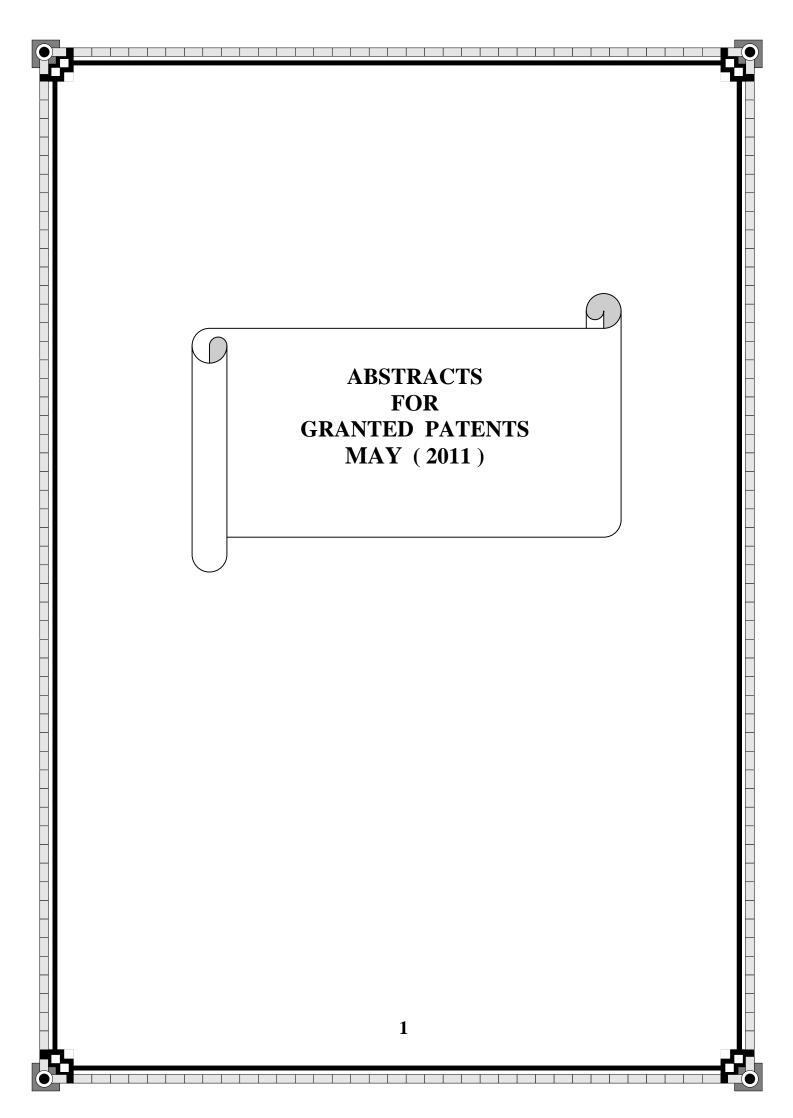
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KG	Kyrgyzstan
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KR	Republic of Korea
KW	Kuwait
KZ	Kozakhstan
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LC	Sant Lucia
LI	Liechtenstein
LK	Sirlanka
LR	Liberia
LS	Lesotho
LT	Lithuania
LU	Luxembourg
LV	Latvia
LY	Libyan Arab Jamahirya
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MC	Monaco
MD	Republic of Moldova
ME	Montenegro
MG	Madagascar

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NE	Niger
NG	Nigeria
NI	Nicaragua
NL	Netherlands
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RW	Rwanda
SA	Saudi Arabia

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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



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



(22) 04/05/2009

(21) 0631/2009

(44) October 2010

(45) 04/05/2011

(11) 25004

(51)	Int. Cl. <sup>8</sup> B42F 5/00
(71)	1. UNIBIND LIMITED (CYPRUS)
	2.
	3.
(72)	1. PELEMAN, GUIDO
	2.
	3.
(73)	1.
(10)	2.
(30)	1. (BL) 2006/0543 – 06/11/2006
	2. (PCT/IB2007/003318) – 25/10/2007
	<b>3.</b>
(74)	MRS. SOHEIR M. JOSEPH, ATTORNEY
(12)	Patent

## (54) LEAF FOR THE COMPOSITION OF A PHOTO ALBUM AND PHOTO ALBUM PROVIDED WITH SUCH A LEAF

Patent Period Started From 25/10/2007 and Will end in 24/10/2027

(57) Leaf for composing a photo album, comprising a support provided with a layer of glue on either side, characterized in that the above-mentioned layers of glue comprise at least a mix of a self-adhesive glue and a hot melt.

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

#### **Egyptian Patent Office**



- (22) 15/02/2004
- (21) 0067/2004
- (44) December 2010
- (45) 04/05/2011
- (11) |25005

(51)	Int. Cl. <sup>8</sup> C02F 1/42 ,1/52, 1/62
(71)	1. DR. ABDEL HAMEED MAHMOOD OTHMAN YOSEF (EGYPT)
I	2.
	3.
(72)	1. DR. ABDEL HAMEED MAHMOOD OTHMAN YOSEF
`	2.
	3.
(73)	1.
	2.
(30)	1.
/ /	2.
	3.
(74)	
(12)	Patent

## (54) A NEW TECHNIQUE FOR ELECTROPLATING AND METAL FINISHING WASTEWATER TREATMENT

#### Patent Period Started From 15/02/2004 and Will end in 14/02/2024

(57) This technique aimed to removal of cyanide and heavy metals e.g., Ni<sup>2+</sup>, Cu<sup>2+</sup>, and Cr<sup>+6</sup> from the industrial wastewater of electroplating and metal finishing plants. The method depend on collection of the effluents from different electroplating baths to a one collection underground tank instead of three tanks as in the previous method which lead to saving in cost, area needed and chemicals used during the treatment process. Also, easy to work, follow up and maintenance. The treated water by this method is acceptable by the environmental Egyptian laws.

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

#### **Egyptian Patent Office**



- (22) 24/12/2007
- (21) 0662/2007
- (44) December 2010
- (45) 10/05/2011
- (11) 25006

(51)	Int. Cl. <sup>8</sup> A61M1/14, C02F1/461, H01M4/00
(71)	1. ABDEL HAMID ALI MAHMOUD SHARAF (EGYPT) 2. 3.
(72)	1. ABDEL HAMID ALI MAHMOUD SHARAF 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

## (54) ELECTRONIC ALKALINE AND ACIDIC WATER PRODUCTION DEVICE

#### Patent Period Started From 24/12/2007 and Will end in 23/12/2027

- (57) The invention is an electronic device to produce alkaline and acidic water by deferent quantities with controlled PH degree to suit the medical applications as improving dialysis machines functioning or in drinking, using a new technology for stimulating and splitting of ionized water.
  - \* Special tourmaline filter as input water stage.
  - \* Electronic power box that generates radio waves injected in water pass through special conductors.
  - \* Ionizer for splitting water to alkaline and acidic one. consists of box or p. v.c tube Inside which electric electrodes made of Platinum coated titanium or radium.
  - \* water pass with or without driving pups according to application.

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

#### **Egyptian Patent Office**



- (22) 18/02/2007
- (21) PCT/NA2007/000194
- (44) August 2010
- (45) 12/05/2011
- **(11)** | **25007**

(51)	Int. Cl. A46B 5/02, A46B 9/04
(71)	1. KAYSER, STEVEN, L. (UNITED STATES OF AMERICA) 2. 3.
(72)	1. KAYSER, STEVEN, L. 2. 3.
(73)	1. LOOPS, LLC (UNITED STATES OF AMERICA) 2.
(30)	1. (US) 10/920822 - 18/08/2004 2. (PCT/US2005/029137) - 17/08/2005 3.
(74)	MOHAMED TAREK ABOU RAGAB
(12)	Patent

#### (54) TOOTHBRUSH AND METHODS OF MAKING AND USING SAME

#### Patent Period Started From 17/08/2005 and Will end in 16/08/2025

(57) The disclosed embodiments relate to a toothbrush and methods of making and using it, wherein an elongated body has a bristle brush head portion and a handle portion The body is composed of flexible material so that the handle portion can be grasped in the hand of the user, and the user can flex the elongated body into a substantially rigid position for teeth brushing purposes.

### Arab Republic of Egypt Ministry of State for Scientific Research

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





- (22) 26/12/2005
- (21) 0541/2005
- (44) December 2010
- (45) 15/05/2011
- **(11)** | 25008

(51)	Int. Cl. <sup>8</sup> B65B 1/20
(71)	1. EGYPTIAN INTERNATIONAL GAS TECHNOLOGY (GAS TEC) 2.
	3.
(72)	1. IBRAHIM HAFES WALY
	2.
	3.
(73)	1.
` /	2.
(30)	1.
	2.
	3.
(74)	
(12)	Patent

## (54) THE CONTROL SYSTEM OF THE EGYPTIAN DISPENSER THAT PROVIDES CARS WITH NATURAL GAS

#### Patent Period Started From 26/12/2005 and Will end in 25/12/2025

The Electronic CNG Dispenser System is designed to control and measure CNG quantity delivered to vehicles with temperature compensation to ensure that vehicles are always achieved complete fill. In order to make the utilization of the station compressor and buffer storage more efficient, the system will operate using a threestage "cascade" buffer system. The buffer storage is divided into three "banks": low, medium and high-pressure banks. When the vehicle is first connected to the dispenser, the system will measure its cylinder pressure (P vehicle). Using special algorithm, a new target pressure (P target) will be calculated and used to control the refueling operation. If P vehicle is less than P target the system will start the refueling and open the lowbank valve. As the pressure in the bank falls and that in the vehicle cylinder. rises, the flow of CNG decreases. When the flow rate has declined to a pre-set level (minimum flow) or an interval of time passed (time out) the system switches to the medium pressure bank, then finally to the high-pressure bank, to complete the fill.Electronic System CalibrationThe electronic system has an internal calibration for the analogue input measurements. This calibration will be done in the testing phase and before shipping the control system. This calibration will be done on the IO subsystem board and values are stored in the configuration parameters at Control board. The calibration has to be checked after any service on any of the two boards. Dispenser CalibrationStandard weighing calibration will be used for the dispenser calibration. The parameter [13][CNGD] must be configured with actual CNG density.

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





- (22) 14/02/2001
- (21) 0132/2001
- (44) December 2010
- (45) 16/05/2011
- (11) 25009

(51)	Int. Cl. 8 C07C 235/74,235/76 & A61K31/67
(71)	1. BRISTOL-MYERS SQUIBB COMPANY (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>FRIENDS, TODD JASON.</li> <li>RYONO, DENNIS E.</li> <li>ZHANG, MINSHENG</li> </ol>
(73)	1. 2.
(30)	1. (US) 60/183.223 - 17/02/2000 2. 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

#### (54) ANILINE DERIVED LIGANDS FOR THE THYROID RECEPTOR

Patent Period Started From granted patent date and Will end in

(57) New thyroid receptor legends are provided which have the general formula:

in which: - x is -o-.-s- ch2-co.or -nh-; y is-(ch2)n-where n is an integer from 1 to 5. Or cist- or trans ethylene r1 is halogen trifluoromethyl or alkyl of 1 to 6 carbons or cyclically of 3 to 7 carbons r2 and r3 are the same or different and are hydrogen, halogen alkyl of 1 to 4 carbons or cyclically of 3 to 6 carbons at least one of r2 and r3 being other than hydrogen r4 is hydrogen or lower alkyl 1 r5 is hydrogen or lower alkyl r6 is carboxylic acid or esters or prod rugs r7 is hydrogen or an aroyl in addition a method is provided for preventing inhibiting or treating a disease associated with metabolism dysfunction or which is dependent upon the expression of a t3 regulated gene wherein a compound as described aboveis administered in a therapeutically effective amount examples of such diseases associated with metabolism dysfunction or are dependent upon the expression of a t3 regulated gene include obesity hypercholesterolemia.

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





- (22) 20/09/2007
- (21) |0496/2007
- (44) December 2010
- (45) |24/05/2011
- (11) 25010

(51)	Int. Cl. 8 B28B 11/10			
(71)	1. SCG BUILDING MATERIALS CO. LTD (THAILAND) 2. 3.			
(72)	<ol> <li>TERDWONG JAMRUSSAMEE</li> <li>ARAG HIMTONG</li> <li>WITTAYA CHUAJIW</li> </ol>	4.	WATTHANAKUN PHABUTTA	
(73)	1. 2.			
(30)	1. (TH) 0601004683 – 22/09/2006 2. 3.			
(74)	SAMAR AHMED EL LABBAD			
(12)	Patent			

## (54) APPARATUS AND METHOD FOR FORMING A PATTERN IN CERAMIC TILE OR SLAB WITH PRESCRIBED THICKNESS

#### Patent Period Started From 20/09/2007 and Will end in 19/09/2027

(57) An apparatus for forming desired patterns on ceramic tile with prescribed staring from a slurry characterized by comprising - means for preparing a slurry - at least one slurry holding tank for holding at least one type of slurry; - at least one pattern forming tray; - at least one means for connecting said at least one tank to at least one pattern forming tray and -a filter pressing unit wherein the pattern forming unit dispenses a predetermined type, amount, colors of slurry at a predetermined order into the pattern forming tray to form a desired pattern, said slurry with desired pattern is pressed with the filter pressing unit to form ceramic tiles or slabs with a desired pattern running though its entire thickness.

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

#### **Egyptian Patent Office**



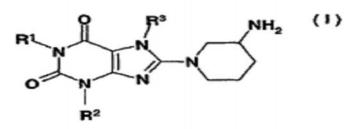
- (22) 19/08/2003
- (21) 0818/2003
- (44) **September 2010**
- (45) 25/05/2011
- (11) 25011

(51)	Int. Cl. 8 C07D 473/04& A61K 31/522& A61P 3/10			
(71)	1. BOEHRINGER INGELHEIM PHARMA GMBH&COKG(GERMANY) 2. 3.			
(72)	1. HIMMELSBACH, FRANK 2. LANG KOPF, ELKE ECKHARDT, MATTHIAS 4. MARK, MICHAEL 5. MAIER, ROLAND 6. LOTZ, RALF, RICHARD, HERMANN 7. MOHAMMAD, TADAYYON 6. LOTZ, RALF, RICHARD, HERMANN			
(73)	1. 2.			
(30)	1. (DE) 1023824,3 - 21/08/2002 2. (DE) 103123,9 - 20/03/2003 3.			
(74)	HODA AHMED ABD EL HADI			
(12)	Patent			

## (54) AMINO-PIPERIDIN-1-YL]-XANTHINES, THE PRODUCTION THEREOF AND THE USE OF THE SAME AS MEDICAMENTS

Patent Period Started From granted patent date and Will end in 18/08/2023

(57) The invention relates to substituted xanthenes of general formula (I):



Wherein R1 to R3 have the designations cited in patent claims 1 to 16, and to the automats, stereoisomer, mixtures, prod rugs and salts thereof, which have precious pharmacological properties, especially an inhibiting effect on the activity of the enzyme dipeptidyl peptidase-IV (DPP-IV).

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



<b>(22)</b>	09/10/2008
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(21) 1666/2008

(44) October 2010

(45) |25/05/2011

(11) 25012

(51)	Int. Cl. 8 C09K 8/68, 8/74				
(31)	C07K 8/08, 8/74				
(71)	1. PRAD RESEARCH AND DEVI	ELOPMENT LIMITED (BRITISH VIRGIN ISLANDS)			
,	2.				
	3.				
<b>(72)</b>	1. CHEN, YIYAN	4. DAHANAYAKE, MANILAL			
, ,	2. LEE, JESSE C.	5. TILLOTSON, ROBERT			
	3. LI, FANG	6. COLACO, ALLWYN			
(73)	1.				
( - )	2.				
(30)	1. (US) 11/279622 – 13/04/2006				
(00)	2. (PCT/IB2007/051312) – 11/04/20	007			
	3.				
(74)	HODA AHMED ABD EL HADI				
(12)	Patent				

## (54) RHEOLOGY ENHANCERS Patent Period Started From 11/04/2007 and Will end in 10/04/2027

(57) A method for increasing the rate of shear rehearing of fluids made with cationic, zwitterionic, and amphitricha viscoelastic surfactant fluid systems by adding an effective amount of a theology enhancer package containing, for example a polyethylene glycol - polypropylene glycol block copolymer and a polynaphthalene suffocate. The theology enhancer package allows viscoelastic surfactant fluids to be used at lower viscoelastic surfactant concentrations in certain applications, for example certain oilfield treatments, for example fracturing and gravel packing. Preferred surfactants are botanies and quaternary amines.

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



<b>(22)</b>	31/01	/2008
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(21) 0184/2008

(44) October 2010

(45) 25/05/2011

(11) | 25013

(51)	Int. Cl. <sup>8</sup> F16K 15/18 & H01F 27/14
(71)	1. CTR MANUFACTURING INDUSTRIES LIMITED (INDIA) 2. 3.
(72)	1. WAKCHAURE, V., K. 2. 3.
(73)	1. 2.
(30)	1. (IN) 1426/MUM/2005 – 16/11/2005 2. (PCT/IN2006/000129) 13/04/2006 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

## (54) TRANSFORMER CONSERVATOR ISOLATION VALVE (TCIV) Patent Period Started From 13/04/2006 and Will end in 12/04/2026

(57) A Transformer Conservator Isolation Valve, (TCIV) comprising of an inlet conduit or pipe, outlet conduit, or pipe connected to a rectangular housing with an operating device. fixed on a shaft placed inside, the rectangular housing and lever for locking of the operating device; the said operating device is provided with a scaling gasket fitted such that during flow of oil due to rupture of electrical transformer tank or bursting of electrical transformer bushing or draining of oil swings towards the outlet conduit or pipe so as to restrict flow of oil from the electrical transformer conservator to the electrical transformer tank 4, during filtration or filling or refilling, a handle is provided with the operating device outside the rectangular housing which turns anti-clockwise during operation, the operating device does not restrict flow of oil from the electrical transformer Conservator during filtration or filling or refilling, two locking plates provided outside the rectangular housing.

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





- (22) 05/07/2006
- (21) PCT/NA2006/000639
- (44) November 2010
- (45) 25/05/2011
- (11) 25014

(51)	Int. Cl. <sup>8</sup> B05B 1/00
(71)	<ol> <li>BOEHRINGER INGELHEIM INTERNATIONAL GMBH (GERMANY)</li> <li>3.</li> </ol>
(72)	<ol> <li>GESER, JOHANNES</li> <li>HAUSMANN, MATTHIAS</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (DE) 102004001451 - 08/01/2004 2. (PCT/EP2004/014764) - 28/12/2004 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

## (54) DEVICE FOR HOLDING A FLUIDIC COMPONENT Patent Period Started From 28/12/2004 and Will end in 27/12/2024

Special precautions must be taken when maintaining a component under fluidic pressure, if the component consists of hard and brittle material and can he destroyed by locally increased stresses. According to the invention, one such fluidic component, e.g. consisting of silicon or glass, is arranged in an elastomer mould, e.g. consisting of silicon rubber, having a contour that is adapted to the outer contour of the component and to the inner contour of a support. Said elastomer mould is bevelled on the pressure side thereof towards the fluidic component. During the assembly of the support, the elastomer mould is deformed by means of a projection on the counterpart, and subjected to homogeneously distributed inner stress, whereafter the elastomer mould surrounds the fluidic component over the entire height thereof. Said floating support prevents any unacceptable local stress peaks and any deformation of the component. The support is sealed from the fluid, even if the fluidic pressure fluctuates repeatedly from a very small value to several hundred bar. The support is especially suitable for a fluidic component consisting of glass or silicon in a miniature embodiment. Said support is used in [he field of medical technology, for example, for a nozzle in a miniature atomiser for producing an aerosol or a mist without a prapellant, and for the ncedlclcss subcutaneous injection of a liquid containing a medically active substance.



(22) 26/10/2005

005/000683

2010

Arab Republic of Egypt		(21)	PCT/NA20
Ministry of State for Scientific Research academy of Scientific Research & Technology		(44)	November
Egyptian Patent Office	S-4-3	(45)	25/05/2011
<b>.</b>		(11)	25015

(51)	Int. Cl. <sup>8</sup> B65D 85/00
(71)	1. BONGRAIN S.A (FRANCE) 2.
(72)	3. 1. BONNIN, YVES
(72)	1. BONNIN, YVES 2. 3.
(73)	1. 2.
(30)	1. (FR) 03/05350 - 30/04/2003 2. (PCT/FR2004/001029) - 28/04/2004 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

#### **(54)** INDIVIDUAL PACKAGING ENCLOSING A PASTY FOOD PRODUCT AND PROVIDED WITH AT LEAST ONE TEARING BODY AND METHOD FOR PRODUCTION OF SUCH A **PACKAGING**

#### Patent Period Started From 28/04/2004 and Will end in 27/04/2024

(57) The invention relates to an individual packaging, for a pasty food product , for example, made from melted cheese or cocoa, characterized in having a pyramidal form and at least one tearing body, arranged along at least two sides of a triangle, forming a lateral face of the pyramid such as to allow access to the product by removal of essentially all of said face. The pyramid has a square, triangular or rectangular base. The invention further relates to a method for production of such a packaging.

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

**Egyptian Patent Office** 



- (22) 28/09/2008
- (21) 1618/2008
- (44) November 2010
- (45) 25/05/2011
- (11) 25016

(51)	Int. Cl. 8 B65D 75/58, 85/00
(71)	1. GERMANS BOADA SA (SPAIN ) 2. 3.
(72)	1. TORRENTS I COMAS , JOSEP 2. 3.
(73)	1. 2.
(30)	1. (ES) (U2200600738) – 27/03/2006 2. (PCT/ES2007/000164) – 27/03/2007 3.
(74)	HODA AHMED ABD EL HADI Patent

#### (54) MANUAL CERAMICS CUTTER

#### Patent Period Started From 27/03/2007 and Will end in 26/03/2027

(57) This cutter comprises: a base, a longitudinal rail for the movable mounting of a handle carrying a blade or cutting tool, lateral folding arms and an orient able set square. The handle has: rolling elements and an antifriction piece, for movement on the rail, a longitudinal guide for the interchangeable coupling of blade-holder pieces and a bolt for holding the blade-holder piece. The orient able set square is fixed at different angular positions by means of a bolt that is inserted in conical seats in a circular arrangement or by means of a vertical-thrust flange. The base comprises studs for the mounting of the folding arms with respective intermediate springs and tension-adjusting nuts.

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

#### **Egyptian Patent Office**



- (22) 08/05/2005
- (21) PCT/NA2005/000202
- (44) August 2010
- (45) 25/05/2011
- (11) 25017

(51)	Int. Cl. 7 C07D213/69,401/06,401/12,401/14,405/12,417/06,491/10&A61K31/4427, 31/4412&A61P31/00
(71)	1. WARNER CHILCOH COMPANY, LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>WARSHAKOON, NAMAL, CHITHRANGA</li> <li>BUSH, RODNEY, DEAN</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (US) 60/425,070 – 09/11/2002 2. (PCT/US 2003/035622) – 07/11/2003 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

## (54) N-ALKYL-4-METHYLENEAMINO-3-HYDROXY-2-PYRIDONES AS ANTIMICROBIALS

#### Patent Period Started From 07/11/2003 and Will end in 06/11/2023

(57) Compounds of Formula (I) are effective in the treatment of a microbial infection:

$$R_3$$
 $R_4$ 
 $R_6$ 
 $R_6$ 
 $R_7$ 
 $R_8$ 
 $R_9$ 
 $R_9$ 
 $R_9$ 
 $R_9$ 
 $R_9$ 
 $R_9$ 
 $R_9$ 
 $R_9$ 



(22) 06/11/2007

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Arab Republic of Egypt		(21)	0575/2007
Ministry of State for Scientific Research Academy of Scientific Research & Technology		(44)	October 20
Egyptian Patent Office	€·¤·≥	(45)	25/05/2011
50.2		(11)	25018

(51)	Int. Cl. <sup>8</sup> B65D 41/04
(71)	<ol> <li>KRAFT FOODS HOLDINGS , INC (UNITED STATES OF AMERICA)</li> <li>3.</li> </ol>
(72)	<ol> <li>ANDREW THOMAS TILTON</li> <li>3.</li> </ol>
(73)	1. KRAFT FOODS GLOBAL BRANDS LLC (UNITED STATES OF AMERICA) 2.
(30)	1. (US) 11/559,796 – 14/11/2006 2. 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

#### (54) AUDIBLE CLOSING FEATURE FOR A THREADED CONTAINER **AND LID**

#### Patent Period Started From 06/11/2007 and Will end in 05/11/2027

(57) An audible closing feature for threaded containers with a threaded lid, the container and lid including a lug and notch arrangement that provides an audible indication that the lid is sufficiently closing the container as well as providing for minimal resistance when removing the lid from the container. The audible closing feature further reduces or eliminates back off between the lid and container during transport and/or storage. The lid and container contain at least one of either the lugs and notches, such that a lug is received by a notch to provide the audible indication that the lid is sufficiently closing the container.

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



# GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN JUNE 2011"

### **Egyptian Patent Office**

Issue No 182 JULY 2011



Mervet Tawfik Abd Allah Hoda Galal Abdou

> Revised by

Azza Abd Allah Abou EI - Naga Magdy Hassan Madbooly

Supervised by

Mr. Adel El- Saeid Oweide

**Acting President of Patent Office** 

**Publisher: Egyptian Patent Office** 

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( PATENT No. 25029)	(12)
( PATENT No. 25030)	(13)
( PATENT No. 25031)	(14)
( PATENT No. 25032)	(15)
( PATENT No. 25033)	(16)

#### **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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AR	Argentina
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ВΙ	Burundi
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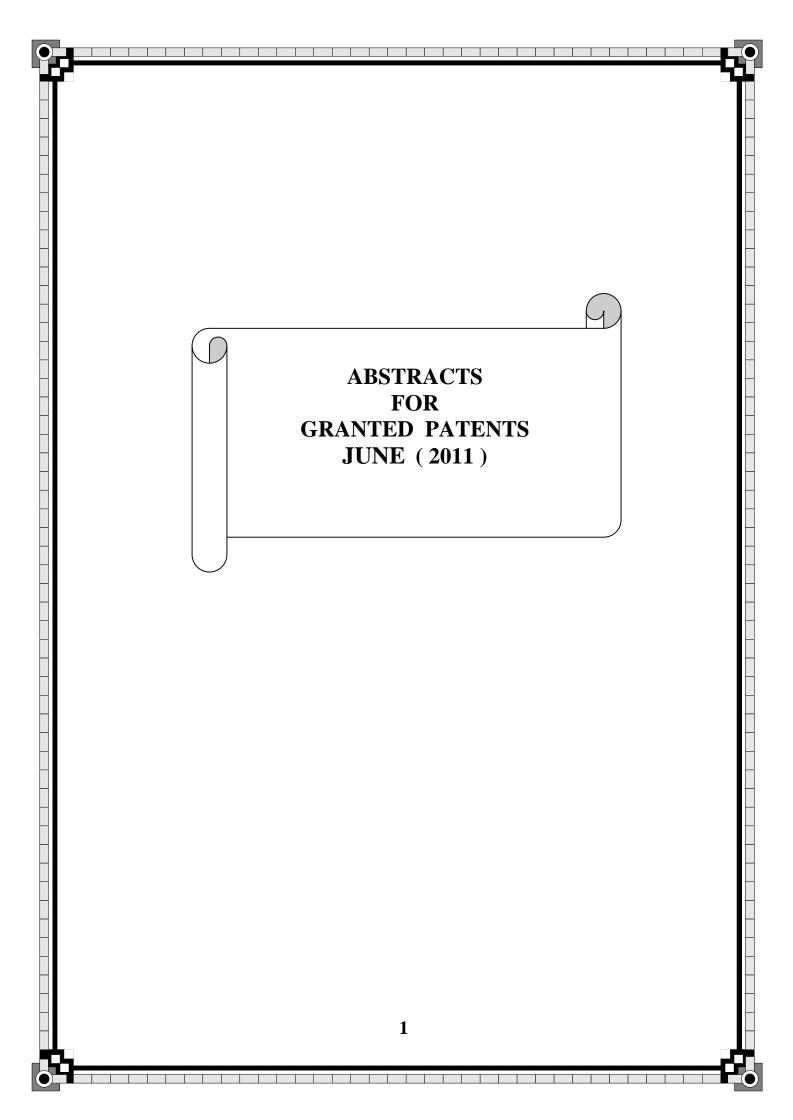
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KZ	Kozakhstan
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MK ML MN MR MT	The Former Yugoslav  Mali  Mongolia  Mauritania  Malta  Maldives  Malawi
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МТ	Malta Maldives
-	Maldives
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MW	
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TH	Thailand
TM	Turkmenistan
TN	Tunisia
TR	Turkey
TT	Trindad and Topago
TW	Taiwan
TZ	United Republic of Tanzania
UA	Ukraine
UG	Uganda
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VC	Saint Vincent and the Grenadines

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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**



- **(22)** 11/11/2007
- (21) PCT/NA2007/001221
- (44) **January 2011**
- (45) 12/06/2011
- (11) 25019

(51)	Int. Cl. <sup>8</sup> B21B 27/03	
(71)	1. SMS DEMAG AG (GERMANY) 2. 3.	
(72)	<ol> <li>MOCKEL, JORG</li> <li>KLEIN, ACHIM</li> <li>MULLER, HEINZ-ADOLF</li> </ol>	4. MUNKER, JOCHEN 5. SOHLER, JORG 6. BERGER, MAIK
(73)	1. 2.	
(30)	1. (DE) 102005032126,7 – 07/07/2005 2. (DE) 102006002773,7 – 20/01/2006 3. (PCT/EP2006/006557) – 05/07/2006	
(74)	WAGEH NABEH AZIZ	
(12)	Patent	

#### (54) SUPPORT ROLL FOR A ROLLING MILL

#### Patent Period Started From 05/07/2006 and Will end in 04/07/2026

(57) Disclosed is a support roll for a rolling mill, such as a plate rolling mill, flat rolling mill, or similar, comprising a jacket and a roll shaft which is embodied in several parts. The invention also relates to a method for producing a support roll.

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





- (22) 04/11/2007
- (21) PCT/NA2007/1201
- (44) January 2011
- (45) 12/06/2011
- **(11)** | 25020

(51)	Int. Cl. 8 C01B 53/07, 49/02 & C09C 1/48	
(71)	<ol> <li>KOLEV, DIMITAR, NIKOLAEV (BULGARIA)</li> <li>LJUTZKANOVA, RADKA, BORISOVA (BULGARIA)</li> <li>ABADJIEV, STEFAN, TODOROV (BULGARIA)</li> </ol>	
(72)	<ol> <li>KOLEV, DIMITAR, NIKOLAEV</li> <li>LJUTZKANOVA, RADKA, BORISOVA</li> <li>ABADJIEV, STEFAN, TODOROV</li> </ol>	
(73)	1. 2.	
(30)	1. (BG) 109150- 09/05/2005 2. (PCT/BG2006/000010) - 03/05/2006 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

#### (54) METHOD AND INSTALLATION FOR PYROLISIS OF TIRES

#### Patent Period Started From 03/05/2006 and Will end in 02/05/2026

(57) The present invention relates to a method and apparatus for waste tires pyrolysis wherein whole tires are directly heated with flue gases from the combustion of paralysis gases, in a tunnel type furnace. The process produces thermal energy, carbon black and mineral oil, the cooled flue gases are cleaned from sulfur oxides before released into the atmosphere.

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

#### **Egyptian Patent Office**



- (22) 05/02/2006
- (21) PCT/NA2006/000125
- (44) January 2011
- (45) 12/06/2011
- (11) 25021

(51)	Int. Cl. <sup>8</sup> B67C 7/00 & B65B 31/00
(71)	1. ALCOA CLOSURE SYSTEMS INTERNATIONAL, INC. (UNITED STATES OF AMERICA) 2. 3.
(72)	1. WINTERS, BERNARD, A. 2. MOLL, WILLIAM, A., IV 3. ELLIS, LARRY, W.
(73)	1. 2.
(30)	1. (US) 10/635302 - 06/08/2003 2. (PCT/US2004/025704) - 06/08/2004 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) A DEVICE FOR CAPPING CONTAINERS AND NITROGEN DOSING

#### Patent Period Started From 06/08/2004 and Will end in 05/08/2024

(57) The present invention is related to a capping and nitrogen dosing apparatus for containers includes a rotary capping machine which is configured to serially receive filled containers, and apply closures to respective ones of the containers. The present apparatus includes a dosing system for injecting an inert gas, typically nitrogen in liquid form, into the head space of each container to enhance the integrity and rigidity of the package, and to improve the freshness and flavor of the container's contents. Notably, the dosing system is configured to effect nitrogen injection close to or at the so-called transfer point of the capping machine, thus desirably abating nitrogen dissipation, and enhancing consistent and efficient product dosing.

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



<b>(22)</b>	07/06/2003
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(21) 000536/2003

(44) January 2011

(45) 12/06/2011

(11) 25022

(51)	Int. Cl. D06B 17/02, 3/04, 7/04
(71)	1. SAVIO MACCHINE TESSILI S.P.A (ITALY) 2. 3.
(72)	<ol> <li>ROBERTO, BADIALI</li> <li>MARIO, MINUTI</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (IT) MI2002A001223 – 05/06/2002 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

# (54) CONTINUOUS TREATMENT SYSTEM OF YARNS WITH PROCESS FLUIDS, PARTICULARLY FOR THEIR MERCERIZATION UNDER TENSION

Patent Period Started From 07/06/2003 and Will end in 06/06/2023

(57) A continuous treatment system of yarns with process fluids, particularly for mercerization, wherein a bundle of threads to be treated is put into the reaction with a venture nozzle activated with process fluid which entrains the bundle of yarn with it, and with a swirl distributor in the J-shaped treatment reactor, having an inner saddle-shaped guide surface for the downward and upward movement of the yarn in the process fluid bath.

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

#### **Egyptian Patent Office**



- (22) 04/09/2006
- (21) PCT/NA2006/0824
- (44) January 2011
- (45) 13/06/2011
- (11) 25023

(51)	Int. Cl. <sup>8</sup> G01N 33/52, 33/487 & C12Q 1/54
(71)	1. EGOMEDICAL SWISS AG (SWITZERLAND) 2. 3.
(72)	1. STIENE, MATTHIAS 2. 3.
(73)	1. 2.
(30)	1. (PCT/EP 2004/002284) 05/03/2004 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) ANALYTE TEST SYSTEM FOR DETERMINING THE CONCENTRATION OF AN ANALYTE IN A PHYSIOLOGICAL FLUID

### Patent Period Started From 05/03/2004 and Will end in 04/03/2024

(57) This invention provides a device for determining the concentration of an analyte like glucose, cholesterol, free fatty acids, triglycerides, proteins, ketenes, phenylalanine or enzymes, in a physiological fluid like blood, serum, plasma, saliva, urine, interstitial and/or intracellular fluid, the device having an integrated calibration and quality control system suitable for dry reagent test strips with a very small sample volume of about 0.5μL based on to a new sample distribution system. The production of the inventive analyze test element involves only a small number of uncomplicated production steps enabling an inexpensive production of the strips.

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



(21) |PCT/NA200V/···٩٨·

(44) January 2011

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(51)	Int. Cl. <sup>8</sup> E05B 27/10, 27/06				
(71)	1. WINLOC AG (SWITZERLAN 2.	ND)			

3.

WIDEN BO

(73)

**(72)** 

(30) 1. (SE) 2-0500624) 18/03/2005 2. (PCT/SE2006/000259) – 27/02/2006

(74) SAMAR AHMED EL LABBAD

(12) Patent

## (54) A LOCK AND KEY SYSTEM WITH EXTRA COMBINATIONS Patent Period Started From 27/02/2006 and Will end in 26/02/2026

(57) A lock and key system with a very large number of code combinations. The lock includes side locking tumblers having pivoting fingers with asymmetric key contacting portions, which engage with a wave-like code pattern formed at the side of the key.

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





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(21) · YAY/2006

(44) **January 2011** 

(45) | 1<sup>2</sup>/06/2011

(11) |2502°

(51)	Int. Cl. <sup>8</sup> HO1 F/17/04.H02H3/00
(71)	1. MOHMOUD SAYED ABD ELMEGUID (EGYPT) 2. 3.
(72)	1. MOHMOUD SAYED ABD ELMEGUID 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	ELECTRIC SAVIOR
	Patent Period Started From 02/07/2006 and Will end in 01/07/2026

(57) the invention consists of an automatic switch against electrocution from the earth side it is characterized by high sensitivity and speedy separation since it is separated upon touching any uncovered wire or any body with electric connection as it separated within a small fraction of a second.

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

#### **Egyptian Patent Office**



- (22) 24/03/2008
- (21) 0502/2008
- (44) January 2011
- (45) 15/06/2011
- (11) 25026

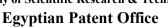
(51)	Int. Cl. <sup>8</sup> E21B 19/14
(71)	1. FRED. OLSEN ENERGY ASA (NORWAY) 2. 3.
(72)	1. OFTEN, OLA 2. HAGEN, SONDRE 3.
(73)	1. 2.
(30)	1. (NO) 20054447 – 26/09/2005 2. (PCT/NO2006/000330) – 25/09/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) DEVICE FOR STORING TUBULARS AND DEVICES FOR HANDLING OF TUBULARS

#### Patent Period Started From 25/09/2006 and Will end in 24/09/2026

(57) Device for storing tubular on a drilling and/or production installation, comprising a shaft to accommodate a plurality of tubular in a substantially vertical position and a guide that is moveable above the shaft. The device comprises means for displacing the guide in a substantially horizontal plane to a position above a selected one of all the tubular in the shaft. Also described are a catwalk configured to displace the tubular in an axial direction through a V-door in the derrick, and which is further configured to be tilted into a substantially vertical position to receive or deliver a tubular, and a knuckle boom crane with a grapple that is adapted to grip an upper end of a substantially vertical tubular and carry the tubular in a substantially vertical orientation.

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





- (22) 28/08/200<sup>V</sup>
- (21)  $|PCT/NA200 \lor / \cdot \cdot \cdot \checkmark 18$
- (44) January 2011
- (45) 14/06/2011
- (11) 25027

(51	) Int. Cl. <sup>8</sup> C01C 1/24, C05C 9/00 & B01J 19/24
(71	1. YARA INTERNATIONAL ASA (NORWAY) 2. 3.
(72	1. LEDOU, FRANCOIS 2. DUPONCHEL, VINCENT 3. VOGEL, EDMOND
(73	)   1. 2.
(30	1. (PCT/NO2005/000076) – 02/03/2005 2. 3.
(74	) SAMAR AHMED EL LABBAD
(12	) Patent

### (54) PIPE REACTOR FOR PRODUCTION UREA AMMONIUM SULPHATE

### Patent Period Started From 02/03/2005 and Will end in 01/03/2025

(57) This invention relates to a pipe reactor, especially for production of urea ammonium sulphate. This reactor consists of a tubular body and a reactor head, wherein the reactor head has means for axial injection of acid, means for injection of ammonia, means for supply of urea and a reaction chamber, where the reaction process of acid and ammonia is enhanced before coming into contact with urea. Also this invention relates to plant for manufacturing urea ammonium soleplate comprising the said pipe reactor.



(22) 24/02/200<sup>V</sup>

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(51)	Int. Cl. 8 A24B 15/28
(71)	1. PHILIP MORRIS PRODUCTS S.A. (SWITZERLAND) 2. 3.
(72)	<ol> <li>NEWMAN DEBORAH J.</li> <li>WOODSON BEVERLEY C.</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (EP) 10/979,103 – 02/11/2004 2. (PCT/IB2005/003617) – 02/11/2005 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

#### ELECTRICALLY HEATED CIGARETTE INCLUDING (54)CONTROLLED-RELEASE FLAVORING

### Patent Period Started From 02/11/2005 and Will end in 01/11/2025

(57) An electrically heated cigarette for an electrical smoking system, comprises at least one sorbet and a flavoring-release additive including at least one flavoring releasable in the electrically heated cigarette upon the flavoring-release additive being heated to at least a minimum temperature. The flavoring-release additive includes at least one flavoring. The flavoring-release additive can have various forms including, for example, beads, films and inclusion complexes. Electrical smoking systems including the electrically heated cigarettes, methods of making the cigarettes, and methods of smoking the cigarettes are also disclosed.



(22) 04/04/2007

PCT/NA200<sup>V</sup>/···339 **(21)** 

(44) **January 2011** 

(45)15/06/2011

(11)25029

Ministry of State for Scientific Research Academy of Scientific Research & Technology Egyptian Patent Office	\$ - 2 - 3

(51)	Int. Cl. 8 G01R 35/04
(71)	1. ELSTER ELECTRICITY LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>WEIKEL, SCOTT, J.</li> <li>LINDQVIST, LARS, A.</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (US) 10/962,925 – 12/10/2004 2. (PCT/US2005/036143) – 11/10/2005 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

#### (54)ELECTRICAL-ENERGY METER ADAPTABLE FOR OPTICAL COMMUNICATION WITH VARIOUS EXTERNAL DEVICES

### Patent Period Started From 11/10/2005 and Will end in 10/10/2025

(57) An example embodiment of an electrical-energy meter comprises a sensing device for producing an electrical output proportional to an electrical current in a conductor of electrical energy, a circuit board electrically coupled to the sensing device for calculating a cumulative amount of electrical energy passing through the conductor of electrical energy, a first optical transmitter, a second optical transmitter, and an optical receiver. The first and second optical transmitters and the optical receiver are coupled to the circuit board. The first optical transmitter and the receiver facilitate optical communications between the electricalenergy meter and a first type of external device. The second optical transmitter and the receiver facilitate optical communications between the electrical-energy meter and a second type of external device.



(22) 25/03/2009
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(21) 0392/2009

(44) **January 2011** 

(45) 15/06/2011

(11) 25030

(51)	Int. Cl. <sup>8</sup> E04B 1/04, E04B 1/41 & E04C 1/00 & F16B 1/00
(71)	1. BUILDIN ING INNOVATIONS PTY LTD ( AUSTRALIA ) 2. 3.
(72)	<ol> <li>COLEFAX, WARWICK, IAN</li> <li>COLEFAX, ROBERT, FOSTER</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (AU) 2006222743 – 28/09/2006 2. (AU) 2006101038 – 20/11/2006 3. (PCT/AU2007/001444) – 28/09/2007
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

## (54) A BLOCK AND A SYSTEM FOR USE IN BUILDING A STRUCTURE Patent Period Started From 28/09/2007 and Will end in 27/09/2027

(57) A block for use in building a structure, the block comprising a body and at least one cavity extending through the body, the body having two side walls and at least one open end, the block also comprising at least one laterally extending wall extending between the two side walls and defining one end of the cavity, the at least one laterally extending wall having an aperture formed therein for enabling the passage of grout or any other core filling material from the at least one cavity to the at least one open end of the body when building the structure, wherein, inner corners of end edges of the side walls at the at least one open end of the block are chamfered, the chamfered end edges for forming a void between each of the side walls and the side walls of another block laid end to end with the block to enable grout or any other core filling material to be provided close to the outer faces of the block.

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

### **Egyptian Patent Office**



- (22) \\\^0/01/2007
- (21) PCT/NA2007/000034
- (44) January 2011
- (45) 15/06/2011
- (11) 25031

(51)	Int. Cl. <sup>8</sup> B65G 5/00 & F17C 5/06, 6/00, 7/0	04,9/02
(71)	<ol> <li>STATOIL ASA (NORWAY)</li> <li>SINVENT AS (NORWAY)</li> <li>TEEKAY NORWAY AS (NORWAY)         ORKLA ENGINEERING (NORWAY)</li> </ol>	
(72)	<ol> <li>ASPELUND, AUDUN</li> <li>KROGSTAD, HENRIK</li> <li>SANDVIK, TOR, ERLING</li> <li>FIVELSTAD, JAN, EINAR</li> </ol>	5. HENNINGSEN, ROAR, FRODE 6. WONGRAVEN, LEIF, ROAR 7. HILDEN, TOR, ERIK 8. OMA, NARVE
(73)	1. 2.	·
(30)	1. (GB) 0416003,2 – 16/07/2004 2. (PCT/GB2005/002781) – 14/07/2005 3. HODA ANIS SERAG EDDIN	
(12)	Patent	

### (54) PROCESS AND APPARATUS FOR THE TRANSFER OF LIQUID CARBON DIOXIDE

### Patent Period Started From 14/07/2005 and Will end in 13/07/2025

(57) A process and apparatus for transferring liquid carbon dioxide from a pressurized and refrigerated liquefied gas container on a water-going transport vessel to an offshore injection well connected to a surface platform.

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



(22) 19/10/2008

(21) 1715/2008 (44) October 2010

**(45)** 

19/06/2011

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(51)	Int. Cl. 7 B29B 9/06
(71)	1. GALA INDUSTRIES INC ( UNITED STATES OF AMERICA ) 2. 3.
(72)	<ol> <li>MARTIN, J. WAYNE</li> <li>BOOTHE, DUANE, A.</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. 60/793,222 - 20/04/2006 2. (PCT/US2007/009443) - 17/04/2007 3.
(74)	MAHMOUD RAGAII DEKKI
(12)	Patent

#### MELT COOLER AND VALVING SYSTEM FOR AN (54)UNDERWATER PELLETIZING PROCESS

### Patent Period Started From 17/04/2007 and Will end in 16/04/2027

(57) A melt cooler and valving system for an underwater pelletize has a diverter valve that facilitates multiple modes of melt processing. The cooler has a cooler inlet line that conveys the melt to the cooler, and a cooler outlet line that conveys the cooled melt from the cooler. The diverter valve is configured to convey the melt to and from the cooler during a cooling mode of operation, to convey the melt around the cooler during a bypass mode of operation, and to drain the melt from the cooler and the diverter valve during a drain mode of operation. The diverter valve is compact and therefore contains a minimum of product inventory. The valve is streamlined and direct in its bypass mode, and includes a drain capability to allow for faster, easier cleaning of the process line, which in turn provides a fast changeover time with less lost product..

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

### **Egyptian Patent Office**



- (22) |18/10/2006
- (21) PCT/NA2006/000998
- (44) November 2010
- (45) 27/07/2011
- (11) 70.77

(51)	Int. Cl. <sup>8</sup> A61J 1/00, A61L 2/00, A61M 1/02
(71)	1. FONDATION POUR LA RECHERCHE DIAGNOSTIQUE (SWITZERLAND) 2. 3.
(72)	<ol> <li>BURNOUF, THIERRY</li> <li>EL-EKIABY, MAGDY</li> <li>GOUBRAN, HADI ALPHONSE</li> <li>RADOEVICH, MIRYANA</li> </ol>
(73)	1. 2.
(30)	1. (EP) 05290223,6 - 01/02/2005 2. (PCT/EP2006/001455) 01/02/2006 3.
(74)	MOHAMED MOHAMED BAKIR
(12)	Patent

### (54) SET OF DISPOSABLE BAGS FOR VIRAL INACTIVATION OF BIOLOGICAL FLUIDS

### Patent Period Started From 01/02/2006 and Will end in 31/01/2026

(57) The invention relates to a set system of disposable bags comprising at least one viral inactivation bag ,comprising an inner compartment , an inlet facility and an outlet facility which are both connected to the inner compartment the bag being characterized in that the inner compartment has an ovoid longitudinal section , and at least one funnel bag and or a column chromatography bag , the different bags being connectable with each other, and to the use of said system of disposable bags for the viral inactivation of biological fluids with excellent protein recovery.

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



# GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN JULY 2011"

**Egyptian Patent Office** 

Issue No 183 AUGUST 2011



Mervet Tawfik Abd Allah Hoda Galal Abdou

> Revised by

Azza Abd Allah Abou EI - Naga Magdy Hassan Madbooly

Supervised by

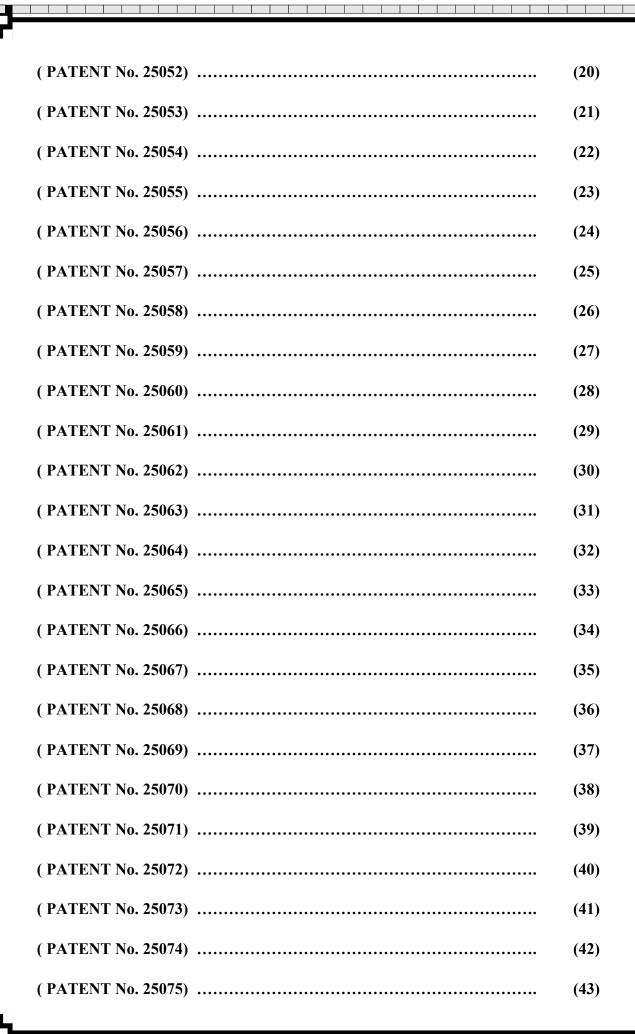
Mr. Adel El- Saeid Oweide

**Acting President of Patent Office** 

**Publisher: Egyptian Patent Office** 

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( PATENT No. 25050)	(18)
( PATENT No. 25051)	(19)



( PATENT No. 25076)	(44)
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( PATENT No. 25079)	(47)
( PATENT No. 25080)	(48)
(PATENT No. 25081)	(49)

### **Preface**

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

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

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

**Acting President of Patent Office** 

Mr. Adel El-Saeid Oweide

### Bibliographic data

Bibliographic data	symbol
Patent Number	11
Patent Kind	12
Application Number	21
Filing Date	22
Priority Number	
Priority Date	30
Priority Country	
Issuance Date	45
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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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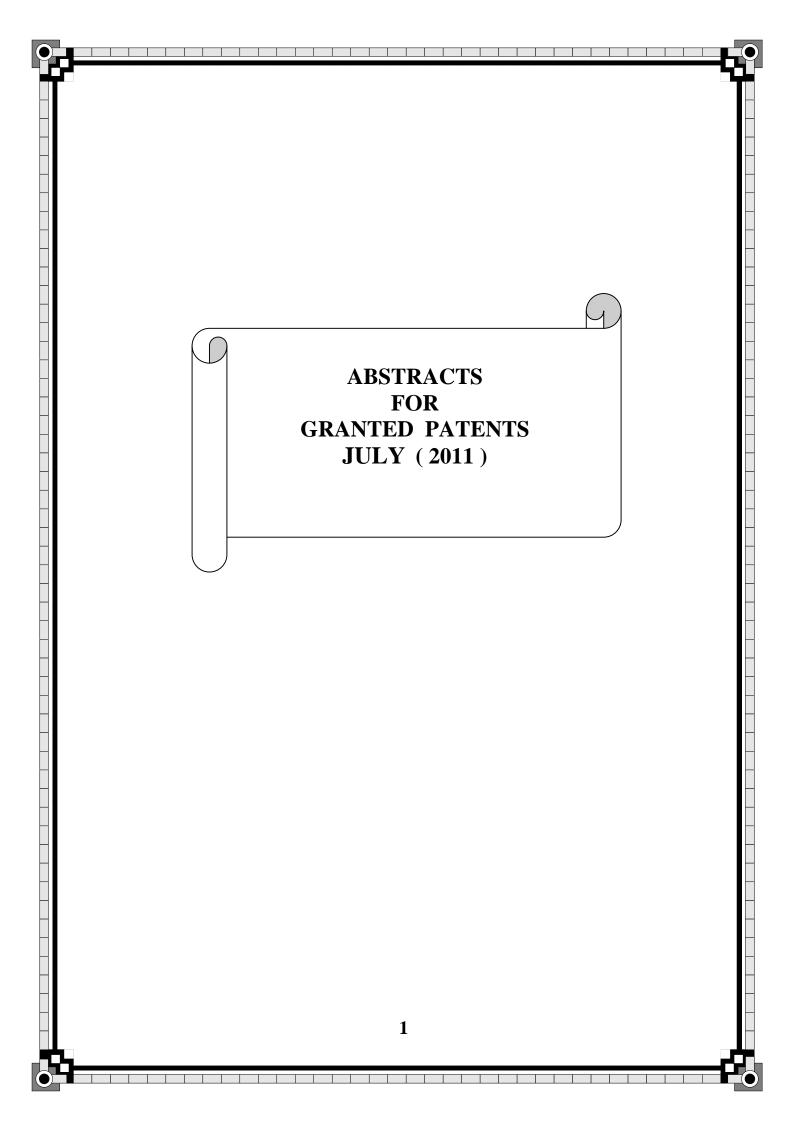
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KZ	Kozakhstan
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MG	Madagascar

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

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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**



- (22) 08/10/2007
- (21) PCT/NA2007/001064
- (44) January 2011
- (45) 03/07/2011
- (11) 25034

(51)	Int. Cl. 8 C08K 5/462, 5/37& C08L 27/06
(71)	1. SUN ACE KAKOH ( PTE ) LTD( QSINGAPORE)
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(72)	1. ZHOU, XU
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(10)	2.
(30)	1. (SG) 2005023300-4 – 15/04/2005
()	2. (SG) (PCT/SG2006/000007) – 17/01/2006
	3. (SG) (PCT/SG2006/000069) – 12/04/2006
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) STABILISER COMPOSITION FOR HALIDE-CONTAINING POLYMERS

### Patent Period Started From 17/01/2006 and Will end in 16/01/2026

(57) A composition for stabilising halide-containing polymers, said composition comprising compounds represented by the general formula (I) wherein X, Y, and Z are each independently selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, amino, and groups having the structure (II) wherein R1 and R2 are each independently selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, phenyl, phenylalkyl and aryl group, A is oxygen (O) or sulfur (S); and wherein the dashed double line represents an optional double bond.

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

### **Egyptian Patent Office**



- (22) 16/07/2006
- (21) PCT/NA2006/000668
- (44) January 2011
- (45) 04/07/2011
- (11) 25035

(51)	Int. Cl. 8 A2ID 15/08		
(71)	1. DANISCO/A/S (DENMARK 2. 3.	)	
(72)	1. WILLIAMS, GRAHAM 2. DELVES-BROUGHTON, JOSS 3. FARAGHER, JOHN	4. SALMELA, DIANE  •. HARDY, JAY  6. HAUGAN, KERSTI	7. THOMAS, LINDA A. WISLER, PETER
(73)	1. 2.		
(30)	1. (US) 10/765210 – 28/01/2004 2. (PCT/EP2005/050330) – 26/01/2005 3.		
(74)	GEORGE AZIZ ABD ELMALAK		
(12)	Patent		

### (54) BAKED PRODUCT TREATED WITH NATAMYCIN AND PROCESS THEREOF

### Patent Period Started From 26/01/2005 and Will end in 25/01/2025

(57) The present invention relates to a non yeast-leavened fine bakery product with increased shelf life and to a process for increasing the shelf life of intermediate and high moisture fine bakery products. The fine bakery product comprises an intermediate or high moisture baked product having a water activity aw >0.8. Its surface has deposited thereon an effective amount of natamycin, which is sufficient to keep the product mould free when packaged for a storage time of 2 weeks or more at ambient temperature. In the process the outer surface of a baked product is sprayed with natamycin to deposit an effective amount of natamycin thereon, whereafter the sprayed product is packaged in a protective envelope.



(22) 17/07/2006

(21) 0334/2006

(44) | February 2011

(45) 06/07/2011

(11) 25036

(51)	Int. Cl. 8 B01D 61/02, 61/02, 61/06, 61/08
(71)	1. MOHAMMED SHIBI MOHAMMED EBRAHIEM ELABD ( EGYPT)
(11)	2.
	3.
( <b>-</b> 2)	
<b>(72)</b>	1. MOHAMMED SHIBI MOHAMMED EBRAHIEM ELABD
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	3.
(73)	1,
(13)	2.
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(12)	raieni

## (54) NEW SUPPLY OF ENERGY AND DESALINATED WATER BY USING STATIC HEAD OF THE SEA, BUOYANCY FORCE AND AN HEAT SOURCE

### Patent Period Started From 17/07/2006 and Will end in 16/07/2026

The present invention relates to a new system for generation of energy and desalination of seawater was adopted by using the static head of the sea and buoyancy forces. The new system works using two main methods: The first is to use a heat source such as solar energy or by the flames of oil platforms the unit in this system is designed to be charge by water from the highest level possible in the sea surface, then the down round due to the own weight of unit filled with water, since it is greater than the buoyancy force and drag force. This round ends at the possible lowest point. Then the discharge of water round begins using a heat exchanger between the water and volatile fluid which is changed from liquid state to gas state, then it press the flexible diaphragm (balloon) or a piston and move it to discharge the water outside the unit. After that the floating round begins (moving up). In this case the volume of the volatile gas decreases allowing the unit moves up ward by buoyancy force which will be greater than the weight of the unit without water and the drag force. During this round the volatile gas is cooled then it changes to liquid state. Additional energy may be generated by cooling and heating the volatile liquid. The flexible diaphragm or piston gives a mechanical energy during this round. The Second is to use a vapor or compressed gas instead of the volatile liquid. In this case energy may be generated during the sinking round and buoyancy round and the unit is considered as a storage steam after the steam is replaced the water which was discharged and hence the vapor stored in units is used to its assigned purpose such as turbine running. And Desalination Plant (P, V, C) The vapor may be used to offset the water from the upper units. It is used also to desalinate the sea water. Considering the desalination using the RO (Membrane (may be done using the static head instead of a pump with high pressure to provide high water pressure.



<b>(22)</b>	19/06/2008
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(21) 00149/2008

(44) **January 2011** 

(45) 06/07/2011

(11) 25037

(51)	Int. Cl. 6 B62C 9/20
(71)	1. PIRELLI TYRE S.P.A (ITALY) 2. 3.
(72)	1. MINOLI, CLAUDIO 2. MONTANARO, FABIO 3. PIZZORNO, TOMMASO
(73)	1. 2.
(30)	1. (PCT/EP2005/013996) – 23/12/2005 2. 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

### (54) HEAVY LOAD VEHICLE TIRE Patent Period Started From 23/12/2005 and Will end in 22/12/2025

(57) Tire comprising: a carcass structure comprising at least one carcass ply, a belt structure, a tread band radially superimposed on said belt structure; two sidewalls; said belt structure comprising: at least one pair of lateral reinforcing layers incorporating reinforcing elements oriented in a substantially circumferential direction; a first belt layer, radially superimposed on said pair of lateral reinforcing layers, provided with reinforcing elements inclined with respect to the equatorial plane of said tire; a second belt layer radially superimposed on said first belt layer, provided with reinforcing elements inclined with respect to the equatorial plane in a direction opposite to those of said first belt layer; an external belt layer applied in a radially external position with respect to said first and said second belt layers. Preferably, said tire is a super single wide base heavy load vehicle tire. Said tire is particularly useful for heavy load vehicles such as, for example, trucks, trailers, or buses.

HODA AHMED ABD EL HADI

**Patent** 

(12)



(22)   23/02/2000	(22)	25/02/2008
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(21) 0321/2008

(44) January 2011

(45) 06/07/2011

(11) 250 4

(51)	Int. Cl. <sup>8</sup> A23L 1/39, 1/40, 1/0522
(71)	1. UNILEVER PLC (UNITED KINGDOM)
	2.
	3.
(72)	1. ACHTERKAMP, GEORG
(12)	2. LATZA, STEFAN
	3.
(73)	1.
	2.
(30)	1. (EP) 07110028,3 – 12/07/2007

# (54) PACKAGED CONCENTRATE FOR PREPARING A BOUILLON, SOUP, SAUCE, GRAVY OR FOR USE AS A SEASONING, THE CONCENTRATE COMPRISING MODIFIED STARCH

Patent Period Started From 25/02/2008 and Will end in 24/02/2028

(57) Packaged concentrate in jelly from for preparing a bouillon, broth, soup, sauce, gravy or for use as a seasoning, which concentrates comprises 20-80% water, 0.5-60% taste imparting components, 15-40% salt, and 15-30% of a modified starch.

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

**Egyptian Patent Office** 



- (22) 09/12/2007
- (21) PCT/NA2007/001382
- (44) January 2011
- (45) 06/07/2011
- (11) | 250 $^{\circ}$ 9

(51)	Int. Cl. 8 C07D 401/04 & A61K 31/4406, 31/506
(71)	1. NOVARTIS AG (SWITZERLAND) 2. 3.
(72)	<ol> <li>JOSEPH MCKENNA</li> <li>WEN – CHUNG SHIEH</li> <li>WEN – CHUNG SHIEH</li> </ol>
(73)	1. 2.
(30)	1. (US) 60/688,977- 09/06/2005 2. (US) 60/705,590 - 04/08/2005 3. (PCT/US2006/022155) - 07/06/2006
(74)	HODA AHMED ABD EL HADI

### (54) PROCESS FOR PREPARATION OF COMPOUNDS USED FOR INHIBITION OF ONE OR MORE TYROSINE KINASES

### Patent Period Started From 07/06/2006 and Will end in 06/06/2026

(57) The present invention provides a new process for the preparation of compounds of formula:

#### Wherein

Patent

**(12)** 

R1 is mono – or polysubstituted aryl;

R2 is hydrogen, lower alkyl or aryl; and

R4 is hydrogen, lower alkyl or halogen.

These compounds used for inhibition of one or more tyrosine kinesis.



(22)	08/07/2008
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(21) 1155/2008

(44) | February 2011

(45) | 13/07/2011

(11) 25040

(51)	Int. Cl. <sup>8</sup> C25C 1/02
(71)	1. ASHOUR ABDEL MAGEED ALI OWAIS (EGYPT) 2. 3.
(72)	1. ASHOUR ABDEL MAGEED ALI OWAIS 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	Potent.
(12)	Patent

### (54) A New Cell for Production of Electrolytic Metal Powders Patent Period Started From 08/07/2008 and Will end in 07/07/2028

(57) The aim of this patent is to construct a new cell for production of electrolytic metal powders by both electrolytic refining and electrolytic winning techniques. The suggested cell consists of metallic basket contains a number of metallic champers. To test this cell, different basket materials (stainless steel, Al and Cu) were subjected to pure lead anodes for electrowinning process and/or pure or industrial Cu anode plates for electrorefining process. Aluminum cathode basket was found to be the best one for deposition of copper powder using both techniques. The main disadvantage of this material is the deposition of some Al with the deposited Cu powders beside the problem of corrosion of Al basket in the presence of an acidic electrolyte. The produced copper powder is highly pure as obtained from EDX and very fine with dispersive and semi spherodized shape as illustrated in SEM photomicrographs.



(22) 10/07/2008
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(21) 1165/2008

(44) | February 2011

(45) 13/07/2011

(11) 25041

l.		
	(51)	Int. Cl. <sup>8</sup> E21B 33/12, 33/08
	(71)	<ol> <li>BJ SERVICES COMPANY (UNITED STATES OF AMERICA)</li> <li>3.</li> </ol>
	(72)	<ol> <li>DOUGLAS J. LEHR</li> <li>JASON C. MAILAND</li> <li>Washington</li> </ol>
	(73)	1. 2.
	(30)	1. (US) 11/879,879 – 19/07/2007 2. 3.
	(74)	SAMAR AHMED EL LABBAD
	(12)	Patent

### (54) DEEP WATER HURRICANE VALVE Patent Period Started From 10/07/2008 and Will end in 09/07/2028

(57) A storm plug for temporarily isolating an offshore well in deep water includes a retrievable service packer connected to a valve housing containing a movable isolation sleeve and a standing valve. The standing valve precludes the fluid flow through a portion of the isolation sleeve. The isolation sleeve being hydraulically actuated from an open position to a closed position. In the open position, fluid may flow through flow ports in the standing valve to an annular bypass area between the valve housing and the isolation sleeve. In the closed position, the isolation sleeve prevents fluid flow through the valve housing. The valve may be hydraulically actuated as compared to conventional storm valve that are set by workstring rotation. The running tool used to run the storm plug into the well may be hydraulically disconnected from the valve housing.

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- (22) 22/05/2004
- (21) 0229/2004
- (44) | February 2011
- (45) 13/07/2011
- (11) 25042

(51)	Int. Cl. <sup>8</sup> C07C 27/00, 27/06
(71)	<ol> <li>ENI S.P.A. (ITALY)</li> <li>INSTITUT FRANCAIS DU PETROLE (FRANCE)</li> <li>ENI TECNOLOGIE S.P.A (ITALY)</li> </ol>
(72)	1. GIUSEPPE BELMONTE 2. VINCENZO CALEMMA 3.
(73)	1. 2.
(30)	1. (MI 2003 A 1029) – 22/05/2003 2. 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

## (54) PROCESS FOR THE PRODUCTION IN CONTINUOUS OF HYDROCARBONS FROM SYNTHESIS GAS

### Patent Period Started From 22/05/2004 and Will end in 21/05/2024

(57) Hydrocarbons are prepared, which are liquid at the reaction temperature, by feeding synthesis gas into three-phase turbulent reactors in which the solid phase, consisting of the catalyst in the form of particulars, is kept in suspension in the liquid phase by the rising synthesis gas. The reaction product is extracted in continuous, together with the catalyst dispersed therein, and sent to a separation section which comprises a primary filtration unit and a micro/ultra-filtration unit.

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- (22) 14/01/2004
- (21) 0025/2004
- (44) | February 2011
- (45) 13/07/2011
- (11) 25043

(51)	Int. Cl. <sup>8</sup> A47J 36/00
(71)	1. LA TERMOPLASTIC F.B.M.S.R.L (ITALY) 2. 3.
(72)	1. MARCO, MUNARI 2. 3.
(73)	1. 2.
(30)	1. (EP) 03425012,6 - 14/01/2003 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) COOKING VESSEL GRIP AND RELATIVE MANUFACTURING METHOD

### Patent Period Started From 14/01/2004 and Will end in 13/01/2024

(57) A cooking vessel grip has an elongated, one-piece body made of plastic material and having, at a first end, connecting portion for connection to a cooking vessel; and the body has, internally, a longitudinal cavity extending at least along a portion gripped in use.

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

**Egyptian Patent Office** 



(21) PCT/NA2007/001071

(44) | February 2011

(45) 17/07/2011

(11) 25044

	6	
(51)	Int. Cl. <sup>8</sup> A01N 43/90	
(71)	<ol> <li>BASF AKTIENGESELLSCHAFT (GERM</li> <li>3.</li> </ol>	IANY)
(72)	<ol> <li>TORMO I, BLASCO JORDI</li> <li>GROTE THOMAS</li> <li>SCHERER MARIA</li> <li>STIERL, RELNHARD</li> </ol>	<ul><li>5. STRATHMANN, SLEGFRLED</li><li>6. SCHOFL, ULRICH</li><li>7. RADEMACHER, WILHELM</li></ul>
(73)	1. 2.	
(30)	1. (DE) 102004024194,5 – 13/05/2004 2. (PCT/EP2005/005073) 11/05/2005 3.	
(74)	TAHA HANAFI MAHMOUD	
(12)	Patent	

### (54) FUNGICIDAL MIXTURE BASED ON TRIAZOLOPYRIDING DERIVATIVE

### Patent Period Started From 11/05/2005 and Will end in 10/05/2025

(57) Fungicidal mixtures comprising, as active components, 1) a triazolopyrimidine derivative of the formula I,

In which the variables are as defined below:

R<sup>1</sup> is alkyl, haloalkyl or alkenyl;

 $R^2$  is hydrogen or one of the groups mentioned for  $R^1$ ;

R<sup>1</sup> and R<sup>2</sup> together may also form a straight-chain or branched alkylene chain:

L is fluorine, chlorine or bromine;

M is 2 or 3; and

2) one or more inhibitors of gibberellin biosynthesis (II) and/or auxin transport (III); in a synergistically effective amount, methods for controlling harmful fungi using mixtures of compounds of the formula I with inhibitors II and/or III by using the mixtures according to the invention and the use of the compound I with inhibitors II and/or III for preparing such mixtures, and also compositions comprising these mixtures.

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



(22) | 20/10/2008

(21) 1721/2008

(44) | February 2011

(45) 19/07/2011

(11) 25045

(51)	Int. Cl. <sup>8</sup> E04F 13/08, 15/02, 19/06, 19/08
(71)	1. SORINI, CRISTIAN (ITALY) 2.
	3.
(72)	1. SORINI, CRISTIAN 2. 3.
(73)	1. 2.
(30)	1. (IT) (MC2006A000041) – 20/04/2006 2. (PCT/IT2007/000287) – 18/04/2007 3.
(74)	WAGDE NABEH AZIZ
(12)	Patent

### (54) MODULAR APPARATUS FOR REALISATION OF EASILY REMOVABLE HORIZONTAL OR VERTICAL TILING

### Patent Period Started From 18/04/2007 and Will end in 17/04/2027

(57) A modular apparatus for the realisation of horizontal or vertical tiling comprises three cooperating modules: a first rectilinear profile with a Ushaped cross-section bordered by a bottom wall and two borders in symmetrically opposite position and capable of of elastic divarication, each border being provided with an internal small longitudinal groove (lla) and with an external tooth (lib) connected with an inclied section (lie) directed towards the opening of the profile, which is additionally provided with suitable means for stable fixing on the wall or floor to be coated; a second rectilinear profile with a T-shaped cross-section, proveded with two perpendicular wings the first wing being adapted to be engaged between the two borders of the first U-shaped profile and provided with fixing means that cooperate with the internal grooves (Ha) provided on the borders; and a tile with an irregular shape on the perimeter borders, being provided, from the external face (FE) to the internal face (FI), with a step designed to receive approximately half of the second wing of the second profile, a basically L-shaped tapering niche designed to receive the external tooth (lib) provided on each border of the first profile, and a deep cavity.

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

### **Egyptian Patent Office**



- (22) 08/06/2008
- (21) 0946/2008
- (44) | February 2011
- (45) 19/07/2011
- (11) 25046

(51)	Int. Cl. <sup>8</sup> B22D 11/12
(71)	1. SMS DEMAG AG (GERMANY) 2. 3.
(72)	<ol> <li>HENNIG WOLFGANG</li> <li>BEYER-STEINHAUER HOLGER</li> <li>BILGEN CHIRSTIAN</li> </ol>
(73)	1. 2.
(30)	1. (DE) 10200509692,4 - 14/12/2005 2. (PCT/EP2006/011339) - 27/11/2006 3.
(74)	WAGDE NABEH AZIZ
(12)	Patent

### (54) METHOD FOR THE CONTINUOUS CASTING OF THIN METAL STRIP AND CONTINUOUS CASTING INSTALLATION

### Patent Period Started From 27/11/2006 and Will end in 26/11/2026

(57) The invention relates to a method for the continuous casting of thin metal strip in a continuous casting installation, in which method metal leaves a die vertically downwards, wherein the metal strip is bent out from the vertical direction (V) into the horizontal direction (H) and wherein the metal strip is supported and/or conveyed and/or plastically deformed by means of a number of pairs of driving rollers. In order to avoid a drop in quality, in particular when changing the casting parameters, it is provided according to the invention that at least one pair of driving rollers plastically deforms the metal strip without significantly changing the average thickness (d) of the metal strip. Furthermore, the invention relates to a continuous casting installation, in particular for carrying out this method.

**Egyptian Patent Office** 

Patent

**(12)** 



(22) 17/06/2007

(21) PCT/NA2007/000601

(44) | February 2011

(45) 19/07/2011

(11) 70.47

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(51)	Int. Cl. 8 C08F 6/20, 114/06, 6/24
(71)	1. SOLVAY (BELGUM) 2. 3.
(72)	<ol> <li>BINDELLE, JEAN-PAUL</li> <li>DE FRANCISCO, MANUEL</li> <li>BODIN, STËPHANIE</li> </ol>
(73)	1. 2.
(30)	1. (FR) (0413706) – 22/12/2004 2. (PCT/EP2005/056935) – 20/12/2005 3.
(74)	WAGEH NABEH AZIZ

### (54) METHOD FOR DRYING A WET POLYMER

### Patent Period Started From 20/12/2005 and Will end in 19/12/2025

(57) Method for drying a wet polymer comprising a drying step carried out in a dryer containing at least one heating element inside which a heat -transfer fluid flows, the said heat-transfer fluid being low-pressure steam.

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

### **Egyptian Patent Office**



- (22) |13/10/2009
- (21) 1503/2009
- (44) | February 2011
- (45) 19/07/2011
- (11) 70.48

(51)	Int. Cl. <sup>8</sup> B21B 31/30
(71)	1. SMS SIEMAG AG ( GERMANY ) 2. 3.
(72)	<ol> <li>BREUER, MICHAEL</li> <li>LANGER, HENDRIK</li> <li>MÜNKER, JOCHEN</li> </ol>
(73)	1. 2.
(30)	1. (DE) 102008002,3 – 19/02/2008 2. (PCT/EP2009/000874) – 09/02/2009 3.
(74)	WAGDE NABEH AZIZ
(12)	Patent

### (54) ROLLER DEVICE, PARTICULARLY PUSH ROLLER FRAME Patent Period Started From 09/02/2009 and Will end in 08/02/2029

(57) The invention relates to a rolling apparatus, comprising ahousing and two roll sets having at least two rolls that are provided in housing of the rolling appatatus, a rolled workpiece being able to be passed material for rolling between, the two rolls of the two roll set, wherein at least the rolls of a roll between the two rolls of the two roll sets, wherein at least the rolls of a roll set are displaceable as viewed in the rolling direction relative to the housing wherein adjusting means are provided on both sides of the bearing supporting the rolls between this bearing and the housing. It is especially advantageous here if the angular speeds of the rolls, such as the work rolls, are different.

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### **Egyptian Patent Office**

Patent

(12)



- (22) 20/11/2007
- (21) PCT/NA2007/1264
- (44) | February 2011
- (45) 19/07/2011
- (11) 70.49

(51)	Int. Cl. <sup>8</sup> A01N 47/28, A01P 7/04 & C07C 335/12		
(71)	1. BASF AKTIENGESELLSHAFT (GERMANY) 2. 3.		
(72)	<ol> <li>KORDES MARKUS</li> <li>HOFMANN MICHAEL</li> <li>PUHL MICHAEL</li> <li>KUHN DAVID G.</li> <li>ANSPAUGH DOUGLAS D.</li> </ol>	6. GOTZ NORBERT 7. RACK NICHAEL 8. TEDESCHI LIVIO 9. OLOUMI HASSAN SADEGHI - 10. TREACY MICHAEL F.	11.CULBERTSON DEBORAH L. 12. BUCCI TONI 13. BRAUN FRANZ - JOSEF
(73)	1. 2.		
(30)	1. (PCT/EP2006/062413) – 18/05 2. (US) 60/683,666 – 23/05/2005 3.	5/2006	
(74)	TAHA HANAFI MAHMOUD		

### (54) 1-(1,2 - DIPHENYL - ETHYL )-3-(2- HYDROXYETHYL )-THIOUREA COMPOUNDS FOR COMBATING ANIMAL PESTS

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

(57) The present invention relates to a method of combating animal pests which comprises contacting the animal pest, their habit, breeding ground, food supply, plant, seed, soil area, material or environment in which the animal pests are growing or may grow, or the materials, plants, seeds, soils, surfaces or spaces to be protected from animal attack or infestation, with a pesticidally effective amount of at least one 1-(1,2-diphenyl-ethyl) -3-(2-hydroxyethyl) – thiourea compound I

Or an agriculturally acceptable salt thereof, wherein m is o to 5, n is o to 5,  $R^3$  and  $R^4$  are H or optionally substituted alkyl, haloalkyl, cycloalkyl phenyl or benzyl,  $R^7$ ,  $R^8$ ,  $R^9$  and  $R^{10}$  H or optionally substituted  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_6$ - haloalkl,  $C_1$ - $C_6$ - alkyl,  $C_3$ - $C_6$ - cycloalkyl, phenyl or benzyl and the variables  $R^1$ ,  $R^2$ ,  $R^5$  and  $R^6$  are as defined in the claims.

The invention relates also to a method for protecting crops from attack or infestation by animal pests, a method for protecting non-living materials from attack or infestation by animal pests, novel 1-(1,2- diphenyl-ethyl) -3-(2-hydroxyethyl) - thiourea compounds I and their agriculturally acceptable salts as well as an agricultural composition comprising a 1-(1,2-diphenyl-ethyl) -3-(2-hydroxyethyl) - thiourea compound I or a salt thereof.



<b>(22)</b>	08/01	/2008
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- (21) 0033/2008
- (44) February 2011
- $(45) \mid \forall \cdot /07/2011$
- (11) 70.50

(51)	Int. Cl. <sup>8</sup> A61F 13/49
(71)	1. THE PROCTER & GAMBLE COMPANY (UNITED STATES OF AMERICA) 2. 3.
(72)	1. ENDRES, JOERG 2. STOELZEL, CLAUS-PETER 3.
(73)	1. 2.
(30)	1. (EP) 05015069,7 - 12/07/2005 2. (PCT/IB 2006/052347) - 11/07/2006 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

### (54) LOW COST DIAPER WITH REDUCED SAGGING Patent Period Started From 11/07/2006 and Will end in 10/07/2026

(57) The present invention relates to disposable diapers with back ear panels. The back ear panels are attached to the longitudinal edges of the chassis and extend outward thereof. To provide a diaper which can be manufactured at relatively low cost, the back ear panels of the diapers are relatively small and are also non-stretchable. However, these diapers have been found to have an increased tendency to sag downwardly from the hips and waist of the wearer. It has been found that sagging of such diapers can be considerably reduced by selecting tapes of appropriate size.

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

### **Egyptian Patent Office**



- (22) 22/07/2008
- (21) 1225/2008
- (44) February 2011
- $(45) \mid \forall \cdot /07/2011$
- (11) 70.51

(51)	Int. Cl. <sup>8</sup> C11D 3/386	
(71)	1. THE PROCTER & GAMBLE COMPANY (UNITED STATES OF AMERICA) 2. 3.	
(72)	<ol> <li>SOUTER, PHILIP, FRANK</li> <li>BURDIS, JOHN, ALLEN</li> <li>BORCH, KIM</li> <li>SVENDSEN, ALLAN</li> </ol>	5. MIKKELSEN, MIKAEL 6. VIND, JESPER 7. LANT, NEIL, JOSEPH
(73)	1. 2.	
(30)	1. (US) 60/761108 – 23/01/2006& 2. (US) 60/796325 – 28/04/2006 & 3. (US) 60/854753 – 27/10/2006 4. (PCT/US2007/001803) – 22/01/2007	
(74)	HODA ANIS SERAG EDDIN	
(12)	Patent	

### (54) DETERGENT COMPOSITIONS Patent Period Started From 22/01/2007 and Will end in 21/01/2027

(57) The present invention relates to detergent compositions comprising a detergent ingredient and a specific lipase variant with reduced potential for odor generation and a good relative performance versus the parent lipase.



<b>(22)</b>	22/07/2008

(21) 1229/2008

(44) February 2011

(45)  $| \cdot \cdot /07/2011$ 

 $(11) \mid \forall \circ \cdot 52$ 

(51)	Int. Cl. <sup>8</sup> C11D 3/00, 3/386, 3/395 & C12N 9/20
(71)	<ol> <li>THE PROCTER &amp; GAMBLE COMPANY (UNITED STATES OF AMERICA)</li> <li>3.</li> </ol>
(72)	<ol> <li>SOUTER, PHILIP, FRANK</li> <li>BURDIS, JOHN, ALLEN</li> <li>LANT, NEIL, JOSEPH</li> </ol>
(73)	1. 2.
(30)	1. (US) 60/761178 – 23/01/2006 & 60/795964 – 28/04/2006 & 60/854836 – 27/10/2006 2. (PCT/US2007/001595) – 22/01/2007 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

### (54) DETERGENT COMPOSITIONS Patent Period Started From 22/01/2007 and Will end in 21/01/2027

(57) This invention relates to compositions comprising certain lipase variants and a photo bleach and processes for making and using such compositions. Including the use of such compositions to clean and/or treat a sites.



(22)  08/10/2007
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(21) PCT/NA2007/001073

(44) **January 2011** 

(45) 20/07/2011

(11) 70.53

(51)	Int. Cl. <sup>8</sup> H02G 3/12
(71)	1. BTI-CINO S. P. A (ITALY) 2. 3.
(72)	<ol> <li>FABRIZI , FABRIZIO</li> <li>DE AMBROGGI , RENATO</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (IT) (RM2005A000161) – 07/04/2005 2. (PCT/IT2006/000219) – 03/04/2006 3.
(74)	MOURIS WAHBA MOUSA
(12)	Utility Model

## (54) COVER PLATE AND GROUP OF PARTS, INCLUDING SUCH PLATE, FOR THE WALL MOUNTING OF ON ELECTRICAL OPPARTUS

#### Patent Period Started From 03/04/2006 and Will end in 02/04/2013

(57) Cover plate for the wall application of at least electrical apparatus, characterised in that it comprises: a base having a through opening adapted to receive a front portion of said at least one electrical apparatus: a mask which can be coupled to the base, equipped with a window cooperating with said through opening and it too adapted to receive a front portion of said electrical apparatus: at least one fixing element including, a first portion adapted to project inside said window towards said base and comprising coupling means of said element to said base, said fixing element including moreover a second portion adapted to cooperate with at least one surface portion of said mask facing said window to fix said base to said mask.

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

#### **Egyptian Patent Office**



- (22) 28/11/2007
- (21) PCT/NA2007/001322
- (44) February 2011
- (45) 20/07/2011
- (11) 70.54

(51)	Int. Cl. <sup>8</sup> B41J 2/175
(71)	1. CANON KABUSHIKI KAISHA (JAPAN) 2. 3.
(72)	1. WATANABE KENJIRO 2. MATSUMOTO HARUYUKI 3.
(73)	1. 2.
(30)	1. (JP) 2005-161316 - 01/06/2005 2. (PCT/JP2006/311472) - 01/06/2006 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

### (54) LIQUID CONTAINER, LIQUID SUPPLYING SYSTEM AND CIRCUIT BOARD FOR LIQUID CONTAINER

#### Patent Period Started From 01/06/2006 and Will end in 31/05/2026

(57) A liquid container detachably mountable to a recording apparatus to which a plurality of liquid containers are detachably mountable, wherein the recording apparatus includes an apparatus antenna and photoreceptor means, the liquid container includes a container antenna communicatable with the apparatus antenna without physical contact there between; an information storing portion capable of storing at least individual information of the liquid container; a light emitting portion; and a controller for controlling light emission of the light emitting portion in response to a correspondence between a signal indicative individual information supplied through the container antenna and the information stored in the information storing portion.

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





- (22) 26/09/2007
- (21) PCT/NA2007/001019
- (44) | February 2011
- (45) 20/07/2011
- (11) 70.55

(51)	Int. Cl. <sup>8</sup> A23L 3/3418 – 3/36 & F25D 23/00
(71)	1. OWADA NORIO ( JAPAN ) 2. 3.
(72)	1. OWADA, NORIO 2. SATIO, SHOBU 3.
(73)	1. 2.
(30)	1. (JP) (PCT/JP2005/006402) – 31/05/2005 2. 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

### (54) QUICK REFRIGERATION APPARATUS AND QUICK REFRIGERATING METHOD

#### Patent Period Started From 31/05/2005 and Will end in 30/05/2025

(57) PROBLEMS] To provide a quick refrigeration apparatus and a quick refrigerating method for refrigerating an object to be preserved while maintaining the freshness and high quality of the object over a long term by suppressing subtle reactions of the object and the gas in the storage thereby preventing deformation/degeneration of the object, and applicable to long term preservation of a tissue of an organism. [MEANS FOR SOLVING PROBLEMS] The quick refrigeration apparatus comprises a refrigerated storage provided with a door for placing and taking out an object to be preserved, a refrigerating machine capable of lowering the temperature in the storage below about -30°C, a pressure regulator for regulating the gas pressure in the storage, and a means for supplying cooling air to the object contained in the storage at a wind velocity of 1-5 m/sec. The pressure regulator comprises an operation control means which detects the temperature in the storage and operates a pressure reducing means to reduce the pressure in the storage to the atmospheric pressure or below when the temperature in the storage exceeds a predetermined level, stops the operation of the pressure reducing means when the temperature in the storage exceeds the predetermined level, and operates a pressurizing means to increase the pressure in the storage above the atmospheric pressure.



(22)	13/09/2006

(21) Pct/na2006/000858

(44) February 2011

(45) 20/07/2011

(11) 70.56

(51)	Int. Cl. <sup>8</sup> F25J 3/00, 3/02, 1/00
(71)	1. ORTLOFF ENGINEERS, LTD (UNITED STATES OF AMERICA)
,	2.
	3.
(72)	1. WILKINSON, JOHN, D.
,	2. HUDSON, HANK, M.
	3. CUELLAR, KYLE, T.
(73)	1.
,	2.
(20)	1. (PCT/US2004/012792) – 26/04/2004
(30)	` '
	2.
	3.
(74)	HODA ANIS SERAG EDDIN
(/4)	HODELING SERVICE EDELIN
(12)	Patent
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### (54) NATURAL GAS LIQUEFACTION PROCESS Patent Period Started From 26/04/2004 and Will end in 25/04/2024

(57) process for liquefying natural gas in conjunction with producing a liquid stream containing predominantly hydrocarbons heavier than methane is disclosed. In the process, the natural gas stream to be liquefied is partially cooled, expanded to an intermediate pressure, and supplied to a distillation column. The bottom product from this distillation column preferentially contains the majority of any hydrocarbons heavier than methane that would otherwise reduce the purity of the liquefied natural gas. The residual gas stream from the distillation column is compressed to a higher intermediate pressure, cooled under ressure to condense it, and then expanded to low pressure to form the liquefied natural gas stream.



(22) 12/03/2007

(21) PCT/NA2007/000014

(44) February 2011

(45) 20/07/2011

 $(11) \mid \checkmark \circ \checkmark 57$ 

(51)	Int. Cl. <sup>8</sup> F23D 14/06
(71)	1. DEFENDI ITALY S.R.L. (ITALY)
	2.
	3.
(72)	1. PAESANI, CARLO
	2. EMILIANI, GIROLAMO, TOMMASO
	3.
(73)	1.
,	2.
(30)	1. (IT) VE2004A000031 – 09/07/2004
	2. (PCT/EP2005/006838) – 24/06/2005
	3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

### (54) BURNER WITH MULTIPLE FLAME SECTORS Patent Period Started From 24/06/2005 and Will end in 23/06/2025

(57) A multiple sector gas burner with flames distributed over a substantially circular inner portion and over an outer portion, characterised by the following combination: it presents a single gas inlet in communication with at least one injector disposed substantially horizontal, with said at least one injector there is associated a venturi conduit of linear extension disposed substantially horizontal, the primary air required for burner operation comes from the top external to the hob, - the secondary air required for burner operation comes from the top external to the hob.



<b>(22)</b>	20/07/2008
(22)	20/0//2000

(21) | 1717/2008

(44) February 2011

(45) 20/07/2011

(11) 70.58

(51)	Int. Cl. <sup>8</sup> B63H 1/30	
(71)	1. LIQUID ROBOTICS INCORPORATION ( U 2. 3.	NITED STATES OF AMERICA )
(72)	<ol> <li>HINE , ROGER G.</li> <li>HINE , DEREK L.</li> <li>RIZZI , JOSEPH D.</li> </ol>	<ul><li>4. KIESOW, KURT, A., F.</li><li>5. ROBERT, BURCHAM</li><li>6. STYTZ, WILLIRM A.</li></ul>
(73)	1. 2.	
(30)	1. (US) 60/760,893 – 20/01/2006 2. (US) 11/436,447 – 18/05/2006 3. (US) 60/841,834 – 01/09/2006 4. (PCT/US2007/001139) – 18/01/2007	
(74)	HODA AHMED ABD EL HADI	
(12)	Patent	

(54)	WAVE POWER	
	Patent Period Started From 18/01/2007 and Will end in 17/01/2027	

(57) A wave-powered water vehicle includes a surface float, a submerged swimmer, and a tether which connects the float and the swimmer, so that the swimmer moves up and down as a result of wave motion. The swimmer includes one or more fins which interact with the water as the swimmer moves up and down, and generate forces which propel the vehicle forward. The vehicle, which need not be manned, can carry communication and control equipment so that it can follow a course directed by signals sent to it, and so that it can record or transmit data from sensors on the vehicle.



<b>(22)</b>	28/07/2008

 $(21) \mid 1 \uparrow \lor \cdot /2008$ 

(44) February 2011

(45) 20/07/2011

 $(11) \mid \checkmark \circ \cdot 59$ 

(51)	Int. Cl. <sup>8</sup> C10B 15/02
(71)	1. UHDE GMBH (GERMANY) 2. 3.
(72)	1. KIM RONALD 2. SCHÜCKER FRANZ-JOSEF 3.
(73)	1. 2.
(30)	1. (DE) 1020060051890 - 02/02/2006 2. (PCT/EP2007/000576) - 24/01/2007 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

### (54) METHOD AND DEVICE FOR THE COKING OF HIGH VOLATILITY COAL

#### Patent Period Started From 24/01/2007 and Will end in 23/01/2027

(57) The invention relates to a method for the coking of coal, in particular coal with a high or alternating volatility, in coking plants comprising coking chambers, according to the non-recovery method or the heat recovery method. The invention also relates to a device, which can be used to carry out said method simply, as the overheating of the coking furnace is prevented by the injection of water vapour. If a battery of coking furnaces is used, the disclosed method can be carried out irrespective of the number of said furnaces.

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(22) 04/01/2009

(21) ··· \(\lambda/2008\)

(44) | February 2011

(45) 20/07/2011

Yo.60 (11)

(51)	Int. Cl. <sup>8</sup> A23L 1/217	
(71)	1. J.R. SIMPLOT COMPANY (UNITED STAT 2. 3.	ES OF AMERICA)
(72)	1. HAMMAN, MICHAEL, L.	4. O'BANNON, STEPHEN
(12)	2. GALLINA, DAVID, N.	5. PITTARD, BRUCE, T.
	3. WALKER, DAVID, B.	ev 1111111111, 2110 02, 11
(52)	1	
(73)	1.	
	2.	
(30)	1. (US) 60/806,658 – 06/07/2006	
	(US) 60/826,503 – 21/09/2006	
	(US) 11/770,130 – 28/06/2007	
	2. (PCT/US2007/072674) – 02/07/2007	
	3.	
(74)	HODA ANIS SERAG EDDIN	
(12)	Patent	

#### FRENCH FRY PRODUCTION METHOD WITH REDUCED (54)**CRUMB GENERATION**

#### Patent Period Started From 02/07/2007 and Will end in 01/07/2027

(57) An improved production process for preparing parfried and frozen French fry potato products with reduced crumb generation particularly upon finish preparation as by finish frying. Potato products such as French fry strips are cut, blanched and parfried, followed by a water treatment step as by applying a light spray or mist of water at ambient temperature and preferably at a rate selected to avoid any substantial overspray. The potato products are frozen for shipment and/or storage awaiting finish preparation. Upon finish preparation as by finish frying in hot oil, the potato products exhibit substantially reduced crumb generation. The improved process is particularly useful when parfrying and/or finish frying the potato products in a liquid or substantially non-hydrogenated oil, such as a zero grams Trans Fat (ZGTF) oil, with dramatically reduced crumb generation upon finish fry preparation while retaining a substantially optimized balance of sensory characteristics.

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

#### **Egyptian Patent Office**



- (22) 22/09/2008
- (21) いってん/2008
- (44) | February 2011
- (45) 25/07/2011
- (11) 70.61

(51)	Int. Cl. <sup>8</sup> F16L 15/00	
(71)	1. SUMITOMO METAL INDUSTRIES LTD ( JAPAN ) 2. VALLOUREC MANNESMANN OIL & GAS FRANCE (FRANCE ) 3.	
(72)	1. HAMAMOTO, TAKAHIRO 2. SUMITANI, KATSUTOSHI 3. SUGINO, MASAAKI 4. WAMOTO, MICHIHIKO	5. YAMAMOTO, MIYUKI 6. CHARVET - QUEMIN, JEAN-FRANCOIS 7. LE CHEVALIER, BENOIT 8. VERGER, ERIC
(73)	1. 2.	
(30)	1. (JP) 099296-2006 – 31/03/2006 2. (PCT/JP2007/057516) – 28/03/2007 3.	
(74)	ABO SETTA	
(12)	Patent	

### (54) TUBULAR THREADED JOINT Patent Period Started From 28/03/2007 and Will end in 27/03/2027

(57) A tubular threaded joint which has excellent resistance to compression and which permits easy tightening operation in the field in a vertical state comprises a pin having a male threaded zone and a box having a female threaded zone. The pin or the box has an end shoulder surface on its end, and the other member has a shoulder surface which abuts against the end shoulder surface. The screw threads of the male threaded zone and the female threaded zone are trapezoidal threads having a crest, a load flank, and a stabbing flank. The lip length, which is the distance in the axial direction of a member having an end shoulder surface between the end shoulder surface and the closest engaged thread to that surface, is at least 140 times the stabbing flank clearance, which is the distance in the axial direction between the stabbing flanks of the male thread and the female thread when the load flanks of the male and female threads contact each other. The stabbing flank of the male thread is preferably chamfered.

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#### **Egyptian Patent Office**



(22) 30/07/2008

(44) | February 2011

(45) 25/07/2011

(11)  $| ? \circ \cdot 62 |$ 

(51)	Int. Cl. <sup>8</sup> H02B 1/052
(71)	1. BTI-CINO S. P. A (ITALY) 2. 3.
(72)	<ol> <li>FABRIZI, FABRIZIO</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (IT) (RM2006A000145) – 15/03/2006 2. (PCT/IT2007/000129) – 23/02/2007 3.
(74)	MOURIS WAHBA MOUSA
(12)	Patent

### (54) SUPPORT DEVICE FOR APPLYING ANN ELECTRICAL APPARATUS TO AN APPARATUS-MOUNTING RAIL

#### Patent Period Started From 23/02/2007 and Will end in 22/02/2027

(57) A support device for applying an electrical apparatus to an apparatus-mounting rail, the support device including fixing means suitable to cooperate with said electrical apparatus to removably fix said electrical apparatus to the support device, charactrized in that said fixing means include: coupling means suitable to be engaged with said electrical apparatus following a relative sliding between the electrical apparatus and the support device to pass from a release position to a coupling position; snap-locking elastic means suitable to operate when said coupling position has been reached, said elastic means being such as to allow said relative sliding from the release position to the coupling position and such as to prevent said relative sliding from the release position to the coupling position and such as to prevent said relative sliding when said coupling position has been reached.



(22)  22/06/2006	<b>(22)</b>	22/06/2006
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(21) PCT/NA2006/000613

(44) February 2011

(45) 26/07/2011

(51)	Int. Cl. <sup>8</sup> G06F 19/00
(71)	1. HALLIBURTON ENERGY SERVICES INC (UNITED STATES OF AMERICA)
(12)	2. 3.
(72)	1. PROETT, MARK
	2. AKKURT, RIDVAN 3.
(73)	1. 2.
(30)	1. (US) 60/532,502 – 24/12/2003 2. (PCT/US2004/043437) – 23/12/2004
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) SYSTEMS AND METHODS FOR CONTAMINATION ESTIMATION USING FLUID ANALYSIS MODELS Patent Period Started From 23/12/2004 and Will end in 22/12/2024

(57) Methods and systems are described for estimating of the level of contamination of downhole fluid using physical property measurements, and mathematical modeling of contamination functions and fluid property mixing lows. The proposed approaches enable computation of estimates of the pumping time needed to achieve a certain contamination threshold level.

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

#### **Egyptian Patent Office**



- (22) 21/01/2008
- (21) 0106/2008
- (44) February 2011
- (45) 26/07/2011
- (11) 70.64

(51)	Int. Cl. <sup>8</sup> C08J 11/08 & C08L 25/06	
(71)	1. POLIMERI EUROPA S.P.A (ITALY) 2. 3.	
(72)	<ol> <li>NOTARI, MARCELLO</li> <li>RIVETTI, FRANCO</li> <li>GHIRARDINI, MAURIZIO</li> </ol>	4. LOMBARDINI, SERGIO
(73)	1. 2.	
(30)	1. (IT) MI2005A001409 – 22/07/2005 2. (PCT/EP2006/006247) – 28/06/2006 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

## (54) PROCESS FOR THE RECYCLING OF EXPANDED POLYSTYRENE Patent Period Started From 28/06/2006 and Will end in 27/06/2026

(57) The invention relates to an enhanced process for the recycling of expanded polystyrene. Said process essentially comprises the reduction in volume of expanded polystyrene by means of dissolution in a solvent, separation of the insoluble components, selective precipitation of the polystyrene with an anti-solvent, separation, drying and extrusion of the precipitated polystyrene, recovery by distillation and recycling of the solvent. The process is characterized in that the anti-solvent is a butanol selected form n-butanol, iso-butanol or sec-butanol and the solvent is dimethyl carbonate, alone or in a mixture containing up to 25% by weight of butanol.

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#### **Egyptian Patent Office**



- (22) 26/06/2005
- (21) PCT/NA2005/000357
- (44) January 2011
- (45) 26/07/2011
- (11) 70.65

(51)	Int. Cl. <sup>8</sup> A23L 1/305 & A61K 31/198 & A61P 3/02
(71)	1. OTSUKA PHARMACEUTICAL CO (JAPAN) 2.
	3.
(72)	1. MUKAI, TADASHI
	2. 3.
	J.
(73)	1.
, ,	2.
(30)	1. (JP) 2002-378308 – 26/12/2002
(- ")	2. (PCT/JP2003/016072) – 16/12/2003
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### (54) NUTRITIONAL COMPOSITION FOR ORAL USE

#### Patent Period Started From 16/12/2003 and Will end in 15/12/2023

(57) A nutritional composition for oral use which contains a mixture of (a) three branched amino acids including valine, leucine and isoleucine, or (b) three branched amino acids including valine, leucine and isoleucine together with an amino acid other than branched amino acids, and in which the branched amino acids are not granulated and the branched amino acids have such a grain size as passing a 106 μm-sieve at a ratio of 10% by weight or less.



(22) 26/04/2009

(21) 0575/2009

(44) | February 2011

(45) 26/07/2011

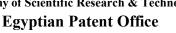
(11) 70.66

(51)	Int. Cl. <sup>8</sup> A23G 3/00 & A23L 1/36 & A23P 1/00	
(71)	1. FRITO-LAY NORTH AMERICA, INC (UNITED STATES OF AMERICA) 2. 3.	
(72)	<ol> <li>GRAHAM, DAVID, WALLICE</li> <li>MCCALL, CAROL</li> <li>RAO, V.N., MOHAN</li> </ol>	4. SULLIVAN, SCOTT
(73)	1. 2.	
(30)	1. (US) 11/553,694) – 27/10/2006 2. (PCT/US2007/081721) – 18/10/2007 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

### (54) METHOD FOR MAKING A CUBED NUT CLUSTER Patent Period Started From 18/10/2007 and Will end in 17/10/2027

(57) A method for creating hexahedron or cubed nut cluster having a high level of nuts or seeds. The invention is an improved process for manipulating and shaping high content nut and seed food products. In one aspect, the invention manipulates processing conditions to provide a nut slab high nut content nut slab that is conducive to slicing and cutting. In one aspect, the invention manipulates unit operation conditions so as to provide a method of slicing a high content nut slab into longitudinal strips in a continuous operation that minimizes or eliminates jamming at the cutting and/or slabbing conveyors.

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- (22) 07/11/2005
- (21) PCT/NA2005/000702
- (44) **January 2011**
- (45) 26/07/2011

(51)	Int. Cl. 8 A61K 1/18, 9/14
(71)	1. MONDIAL INDUSTRIES LTD (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>BEDDING, PETER, M., J.</li> <li>PELLEGRINI, FRANKLIN, L.</li> <li>3.</li> </ol>
(73)	1. FREEDAM HEALTH LLC (UNITED STATES OF AMERICA) 2.
(30)	1. (US) 10/435367 - 09/05/2003 2. (PCT/US2004/013555) - 03/05/2004 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) DIETARY SUPPLEMENT AND METHOD FOR THE TREATMENT AND PREVENTION OF DIGESTIVE TRACT ULCERS IN EQUINES AND OTHER ANIMALS

#### Patent Period Started From 03/05/2004 and Will end in 02/05/2024

(57) A novel dietary supplement and nutritional aid and methods for the manufacture and administration of the same are disclosed for the efficacious treatment and/or prevention of digestive tract ulcers in horses and other animals. The dietary supplement of the present invention is effective in treating and/or preventing gastric ulcers, and in treating colonic ulcers as well. The dietary supplement of the present invention consists of safe and natural ingredients rather than drugs, and is orally administrable. The ingredients of the dietary supplement of the present invention when combined provide a synergistic efficacy which greatly exceeds the sum of the efficacies of the individual ingredients, making the dietary supplement highly effective in the treatment of digestive tract ulcers.

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

#### **Egyptian Patent Office**



- (22) 11/11/2007
- (21) | PCT/NA2007/001226
- (44) | February 2011
- (45) 27/07/2011
- (11) 70.68

(51)	Int. Cl. <sup>8</sup> H01H 11/00
(71)	1. ABB SERVICE S. R. L (ITALY ) 2. 3.
(72)	1. CURNIS, MAURIZIO 2. OLIVIERI, DANIELA 3.
(73)	1. 2.
(30)	1. (IT) (BG2005A000025) – 13/05/2005 2. (PCT/EP2006/062004) – 03/05/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) CIRCUITBREAKER WITH INTERCHANGEABLE OPERATING MECHANISM AND SUSPENDED MOBILE CONTACT ASSEMBLY

#### Patent Period Started From 03/05/2006 and Will end in 02/05/2026

(57) The present invention relates to a single-pole or multi-pole switch to be used preferably in Iow-voltage systems. The switch comprises an outer casing containing for each pole at least one fixed contact and one mobile contact which can be reciprocally coupled to/uncoupled from each other. The mobile contacts are housed in suitable seats provided on a mobile element. The switch according to the invention is provided with a control mechanism comprising mechanical means supported by a structural part. This control mechanism is connected to the mobile element through first removable connection means and to the outer casing through second removable connection means. The switch also comprises means to support the mobile element which are connected to the structural part of the control mechanism through third removable connection means.



<b>(22)</b>	30/10/2007
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(21) PCT/NA2007/001182

(44) February 2011

(45) 27/07/2011

(11) 70.69

(51)	Int. Cl. <sup>8</sup> C07C 273/04
(71)	1. UREA CASALE S.A. (SWITZERLAND) 2. 3.
(72)	<ol> <li>ZARDI, FEDERICO</li> <li>STICCHI, PAOLO</li> <li>BRUNENGO, PAOLO</li> </ol>
(73)	1. 2.
(30)	1. (EP) 05009761,7 - 04/05/2005 2. (PCT/EP2006/003121) - 06/04/2006 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

### (54) PROCESS FOR UREA PRODUCTION AND RELATED PLANT Patent Period Started From 06/04/2006 and Will end in 05/04/2026

(57) process for urea production from ammonia and carbon dioxide, in which part of the aqueous solution comprising urea, ammonium carbamate and ammonia obtained in a urea synthesis section is subjected to dissociation in a treatment section operating at a predetermined medium pressure for the recovery of the ammonium carbamate and of the ammonia contained in it, comprises the step of subjecting the urea aqueous solution resulting from the aforementioned dissociation step to decomposition in a low pressure urea recovery section.



<b>(22)</b>	22/10/2007
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(21) PCT/NA2007/001142

(44) February 2011

(45) 27/07/2011

(11)  $\forall \circ \cdot 70$ 

(51)	Int. Cl. <sup>8</sup> F25J 3/02, 1/02
(71)	1. AIR PRODUCTS AND CHEMICALS, INC (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>SPILSBURY, CHRISTOPHER, GEOFFREY</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (EP) 052525224- 22/04/2005 2. (PCT/GB2006/001390) – 18/04/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) A METHOD AND AN APPARATUS FOR PREPARING A NITROGEN- FREED LIQUEDIED NATURAL GAS STREAM

#### Patent Period Started From 18/04/2006 and Will end in 17/04/2026

(57) This invention relates to a method and an apparatus for preparing a nitrogen - freed liquefied natural gas stream . wherein the nitrogen - containing natural gas is liquefied by using work provided by gas turbine . Then the liquefied natural gas is first fractionated to provide a first nitrogen-enriched overhead vapour stream and a nitrogen- containing bottoms liquid stream and then at least a portion of said bottoms liquid stream is fractionated to provide a second nitrogen-enriched overhead vapour stream that is of lower purity than said first overhead vapour stream and a purified liquefied natural gas stream . The first fractionation is conducted in a distillation column refluxed with nitrogen overhead condensed in a condenser located in a flash drum in which the second fractionation is conducted. The provision of two nitrogen-containing streams of different concentration permits control of the nitrogen content of fuel gas for use in the natural gas liquefaction plant.



(22)	22/10/2007

(21) PCT/NA2007/001145

(44) February 2011

(45) 28/07/2011

(11)  $\forall \circ \cdot 71$ 

(51)	Int. Cl. <sup>8</sup> F27B 1/21 & C21B 13/02 & F27D 3/00 & F27B 19/04
(71)	1. DANIELI & C. OFFICINE MECCANICHE S. P. A (ITALY) 2. 3.
(72)	1. VRECH, ARBENO 2. MITOI, LLIE-FLORIAN 3. MARCONI, GIANFRANCO
(73)	1. 2.
(30)	1. (IT) (M12005A000731) – 22/04/2005 2. (PCT/EP2006/061738) – 21/04/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	REDUCTION FURNACE
	Patent Period Started From 21/04/2006 and Will end in 20/04/2026

(57) A vertical reduction furnace for the production of metallic iron by means of the direct reduction of iron ore (DRI), comprising an iron ore feed zone, an iron ore reduction zone, a metallic iron discharge zone, accumulation means communicating at an inlet end with the metallic iron discharge zone and at an outlet end with gas sealing means. The accumulation means may accumulate the metallic iron along with the off-gases from the reduction process.



<b>(22)</b>	14/12/2008
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 $(21) \mid \forall \cdots \forall /2008$ 

(44) February 2011

(45) 28/07/2011

(11)  $| ? \circ \cdot 72 |$ 

(51)	Int. Cl. <sup>8</sup> E04C 2/288
(,1)	1. SARLCOMEPS FRANCE (FRANCE) 2. 3.
	<ol> <li>MALAPERT PHILIPPE</li> <li>3.</li> </ol>
(, )	1. 2.
(00)	1. (FR) 0605297- 14/06/2006 2. (PCT/FR2007/000921) - 04/06/2007 3.
(74)	SHADY FAROUK MOBARAK
(12)	Patent

### (54) PREFABRICATED PANEL FOR BUILDING CONSTRUCTION AND THE MANUFACTURING PROCESS THEREOF

#### Patent Period Started From 04/06/2007 and Will end in 03/06/2027

(57) A prefabricated panel for building construction comprising a core made of an insulating material covered on both of its surfaces by a uniform concrete layer and wherein casings are arranged in the vicinity of one surface of the plate for poles jutting out on one end within sight of where they are embedded in the ground, and also wherein casings are arranged on the opposite surface of the plate for reinforcing elements extending between two parallel edges of the panel and jutting out beyond these edges to make up a belt element, thus assembling said panel with adjacent panels. Used to construct the exterior walls of a light-structure building.



- (22) 25/09/2008
- (21) 17.7/2008
- (44) | February 2011
- (45) 28/07/2011
- $(11) \mid \forall \circ \cdot 73$

(51)	Int. Cl. 8 E02F 9/28	
(71)	1. ESCO CORPORATION (UNITED STAT 2. 3.	ES OF AMERICA )
(72)	<ol> <li>CARPENTER , CHRISTOPHER, M.</li> <li>CONKLIN , DONALD , M.</li> <li>MORRIS , RAY, J.</li> </ol>	4. BEARDEN, JAMES, E. 5. DURAND, SEVEM, D.
(73)	1. 2.	
(30)	1. (US) 60/787,268 – 30/03/2006 2. (PCT/US2007/007872) – 28/03/2007 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

(54)	WEAR ASSEMBLY
	Patent Period Started From 28/03/2007 and Will end in 27/03/2027

(57) A wear assembly for excavating equipment which includes a wear member and a base each with upper and lower stabilizing surfaces that are offset and at overlapping depths to reduce the overall depth of the assembly while maintaining high strength and a stable coupling. The nose and socket each includes a generally triangular-shaped front stabilizing end to provide a highly stable front connection between the nose and wear member for both vertical and side loading. The lock is movable between hold and release positions to accommodate replacing of the wear member when needed, and secured to the wear member for shipping and storage purposes.



- (22) 25/03/2007
- (44) | February 2011
- (45) 28/07/2011
- (11) | ٢0.74
- (51) Int. Cl. A21D 13/08

  (71) 1. DR. HANAFY ABD EI AZIZ HANAFY HASHEM (EGYPT)
  2. 3.

  (72) 1. DR. HANAFY ABD EI AZIZ HANAFY HASHEM
  2. 3.

  (73) 1. 2.

  (30) 1. 2. 3.

  (74) Patent
- (54) METHOD FOR PROCESSING COMPRESSED CONCENTRATED EMERGENCY FOOD RATIONS READY TO EAT

  Patent Period Started From 25/03/2007 and Will end in 24/03/2027
- (57) This method consists of preparing raw materials of plant and animal sources, vegetable fats, saccharides and food additives which will be used. Preparing procedures include some processing steps (washing, sorting, blanching, sterilizing, grinding, dehyration and cooking). These are followed by mixing ingredient powders in suitable precentage, and then sterilized. Melted fat should be added to sugar syrup previously cooked, then mixed together. Fat and cooked sugar mixture should be added to the other ingredient powders mixture prepared previously m, then mixed, sterilized, aerated and cooled, then compressed and formed in different desired shapes (cubics, bars, tablets .....etc), followed by packaging and packing under vacum or under air pressure.

### Arab Republic of Egypt Ministry of State for Scientific Research

Academy of Scientific Research & Technology Egyptian Patent Office



#### (22) 28/08/2007

- (21) | \$ \( \frac{1}{2} \) \( \
- (44) | February 2011
- (45) 31/07/2011
- (11) | ٢0.75

(51)	Int. Cl. <sup>8</sup> A23J 1/08, CO7K 14/18
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	<ol> <li>MOSTAFA KAMEL EI AWADY</li> <li>SAMAR SAMIR YOUSSEF</li> <li>MAHMOUD ABD EKAZIZ EBRAHIM</li> </ol>
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT- MAGDA MAHSEB ELSAID
(12)	Patent

# (54) A METHOD FOR IN VITRO INDUCTION OF INTRACELLULAR HEPATITIS C VIRUS REPLICATION BY TWO SOLUBLE PROTEINS SEPARATED FROM CRUDE SOLUBLE EGG ANTIGEN OF SCHITOSOMA

#### Patent Period Started From 28/08/2007 and Will end in 27/08/2027

(57) This study describes a method to induce hepatitis C ( HCV ) replication in vitro by two proteins separated from schistosoma soluble egg antigen. Lack of a cell culture system supporting HCV replication has always hampered study of HCV life cycle. Induction of HCV replication is done by sdding two proteins separated from crude soluble egg antigen to the cell culture media of infected cell, this can be repeated regularly. The importance of this method of HCV induction lies in the possibility of using these proteins yo induce prolonged replication of the whole viral particle in periheral blood monoouclear cells and hepatic cell lines, facilitating study of the virys life cycle using a whole virus particle which wasn't possible previously.



- (22) 22/07/2008
- (21) 1242/2008
- (44) January 2011
- (45) 31/07/2011
- (11) | ٢0.76
- (51) Int. Cl. 8 C02F 1/00R

  (71) 1. NATIONAL RESEARCH CENTER (EGYPT)
  2. 3.

  (72) 1. WAFAA M. ABD EI-RAHIM HASSAN
  2. HASSAN MOAWAD ABDEL AL
  3.

  (73) 1. 2.

  (30) 1. 2. 3.

  (74) FOCAL POINT- MAGDA MAHSEB ELSAID

  (12) Patent

### (54) BIO-REACTOR FOR TEXTILE DYE RESIDUES REMEDIATION Patent Period Started From 22/07/2008 and Will end in 21/07/2028

(57) The laboratory scale bioremediation unit designed for the bioremoval of several direct textile dyes and dyes mixture (simulated effluent) is described. This unit is containing: Glass jar of 15 liters volume (working volume 13 liters), stainless steel stand, stainless steel head provided with 4 pores: Pores with screw cap for feeding of ingredients, Aeration tube provided with small pores to distribute the air in the bottom of the jar. (This tube attached with air filter to filtrate the air before passing to the unit and attached with the aeration pump, sampling pores with silicon rubber tube at different depths, sampling pores with silicon rubber tube at fixed depth, exhausting tube for gases exit and fungal biomass.

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

#### **Egyptian Patent Office**



- (22) 23/06/2003
- (21) | • • 7/2003
- (44) December 2010
- (45) 31/07/2011
- (11)  $Y \circ \cdot 77$

(51)	Int. Cl. <sup>8</sup> C12N 5/00, 5/06
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	1. KARIMA GHONEIMY MOHAMED MOHMOUD 2. MAHMOUD FATHI NAWITO 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	Patent

### (54) LOCAL PRODUCT FOR TISSUE CULTURE FROM ANIMAL SERUM

### Patent Period Started From granted patent date and Will end in 22/06/2023

(57) With the great progress in the field of biotechonolgy, tissue culture techniques are widely used in many scientific studies, diagnostic laboratories and production of important biological products. Tissues need special media for their in vitro development. Most of these media contain animal serum as a source of protein for the cells nourishment and to keep their viability. In Egypt tissue culture depends on imported products. A local product of animal serum was tested for in vitro culture of oocytes, embryo, and also with cell development for cytological examination and chromosomal analysis. Results were completely similar with those obtained with imported products.



(22)	13/05/2007
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(21) PCT/NA2007/000471

(44) February 2011

(45) 31/07/2011

(11)  $\uparrow \circ \cdot 78$ 

(51)	Int. Cl. 8 C07C 5/333, 11/06
(71)	1. UHDE GMBH (GERMANY) 2. 3.
(72)	1. HEINRITZ- ADRIAN, Max 2. 3.
(73)	1. 2.
(30)	1. (DE) 102004054657,6 - 11/11/2004 2. (PCT/EP 2005/012070) - 10/11/2005 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) METHOD FOR CATALYTICALLY DEHYDRATING PROPANE TO FORM PROPYLENE Patent Period Started From 10/11/2005 and Will end in 09/11/2025

(57) The invention relates to a method for producing propylene during which a first gas mixture, which is technically free of oxygen but contains propane, water vapor and hydrogen, and which has a temperature of at least 400 °C, is led into a reaction device having at least one catalyst bed as well as usual dehydration conditions. Another gas mixture, which contains propane and oxygen and which can also contain ammonia, the propane content exceeding the oxygen content, is led into the same reaction device in which it reacts with the first gas mixture while forming propylene, water vapor and hydrogen, and the formed gas mixture containing propylene, propane, water vapor and hydrogen is drawn out of the reaction device.



- (22) 28/01/2007
- (21) PCT/NA2007/000086
- (44) | February 2011
- (45) |31/07/2011
- (11) 40.79

(51)	Int. Cl. <sup>8</sup> B01J 8/04)
(71)	1. METHANOL CASALE SA (SWITZERLAND) 2.
(72)	1. FILIPPI, ERMANNO
	2. RIZZI, ENRICO 3. TAROZZO, MIRCO
(73)	1. 2.
(30)	1. (EP) (EP04017905.3) – 29/07/2004 2. (PCT/EP2005/008020) – 22/07/2005 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) FIXED-BED CATALYTIC REACTOR Patent Period Started From 22/07/2005 and Will end in 21/07/2025

(57) radial chemical reactor for catalytic reactions comprising: a substantially cylindrical shell, a first catalytic bed having a substantially ring shaped cross-section, coaxially supported in said shell and having a reagent gases inlet side and a reaction mixture outlet side; a plurality of heat exchangers supported and distributed in a substantially ring-shaped respective portion of said first catalytic bed; at least one second catalytic bed with a substantially ring-shaped cross-section, supported in said shell coaxially to said first bed and at a predetermined distance from said first bed, said second catalytic bed having a reaction mixture inlet side and a reaction gaseous products outlet side; a plurality of heat exchangers supported and distributed in a substantially ring-shaped respective portion of said second catalytic bed.

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



- **(22)** 25/07/2004
- PCT/NA2004/000056 **(21)**
- (44) | February 2011
- 31/07/2011 **(45)**
- Yo.80 **(11)**

**Egyptian Patent Office** 

(51)	Int. Cl. <sup>8</sup> B22F 1/00 & B22C 3/00
(71)	1. PECHINEY ELCTROMETALLURGIE (FRANCE) 2. 3.
(72)	1. MARGARIA, THOMAS 2. 3.
(73)	1. 2.
(30)	1. (FR) 02/00947 - 25/01/2002 2. (PCT/FR2003/00181) 21/01/2003 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### PRODUCTS FOR THE PROTECTION OF CONTINUOUS CAST (54)**MOULDS FOR CAST-IRON PIPES**

#### Patent Period Started From 21/01/2003 and Will end in 20/01/2023

(57) The invention relates to a powder which is used to product spin cast moulds for cast-iron pipes. The invention product comprises: an inoculant metal alloy :optionally, mineral powders, and a metal which is highly reducing and strongly reducing and volatile at the temperature of the liquid iron. According to the invention, the use of said products prevents mould fouling and improves the surface condition of cast- iron pipes.



(22)

05/05/2008

 $(21) \cdot \sqrt{r} \sqrt{2008}$ **(44)** February 2011

(45)31/07/2011

Yo.81 **(11)** 

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Ministry of State for Scientific Research	
cademy of Scientific Research & Technology	
<b>Egyptian Patent Office</b>	1 2 4 . 3

(51)	Int. Cl. <sup>8</sup> A01N 65/00, 25/00
(71)	1. LOS ALAMOS NATIONAL SECURITY, LLC (UNITED STATES OF AMERICA) 2.
	3.
(72)	1. UNKEFER, PAT, J.
(, -)	2. KNIGHT, THOMAS, J.
	3. MARTINEZ, RODOLFO, A.
(73)	1.
	2.
(30)	1. (US) 11/269,417 – 07/11/2005
(= 0)	2. (PCT/US2006/043409) – 06/11/2006
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### USE OF PROLINES FOR IMPROVING GROWTH AND/OR (54)**YIELD**

#### Patent Period Started From 06/11/2006 and Will end in 05/11/2026

(57) The present invention describes a composition including a mixture of Land D- pyroglutamate stereoisomers in a ratio of L to D of from about 80:20 to about 97:3, and, a carrier medium for application of the L- and Dpyroglutamate stereoisomers to a target plant. The composition can also be used as a germination medium and may be incorporated into a seed coat for assisting in germination. The present invention further describes a method of increasing the agronomic performance of a target plant by treating a target plant with a composition including a mixture of L- and Dpyroglutamate stereoisomers in a ratio of L to D of from about 80:20 to about 97:3 and a carrier medium for said L- and D- pyroglutamate stereoisomers.

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# GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN AUGUST 2011"

Egyptian Patent Office



Mervet Tawfik Abd Allah Hoda Galal Abdou

> Revised by

Azza Abd Allah Abou EI - Naga Magdy Hassan Madbooly

Supervised by

Mr. Adel El- Saeid Oweide

**Acting President of Patent Office** 

**Publisher: Egyptian Patent Office** 

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( PATENT No. 25096)	(16)
( PATENT No. 25097)	(17)
( PATENT No. 25098)	(18)
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( PATENT No. 25100)	(20)
( PATENT No. 25101)	(21)
( PATENT No. 25102)	(22)
( PATENT No. 25103)	(23)

#### **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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Code	Country
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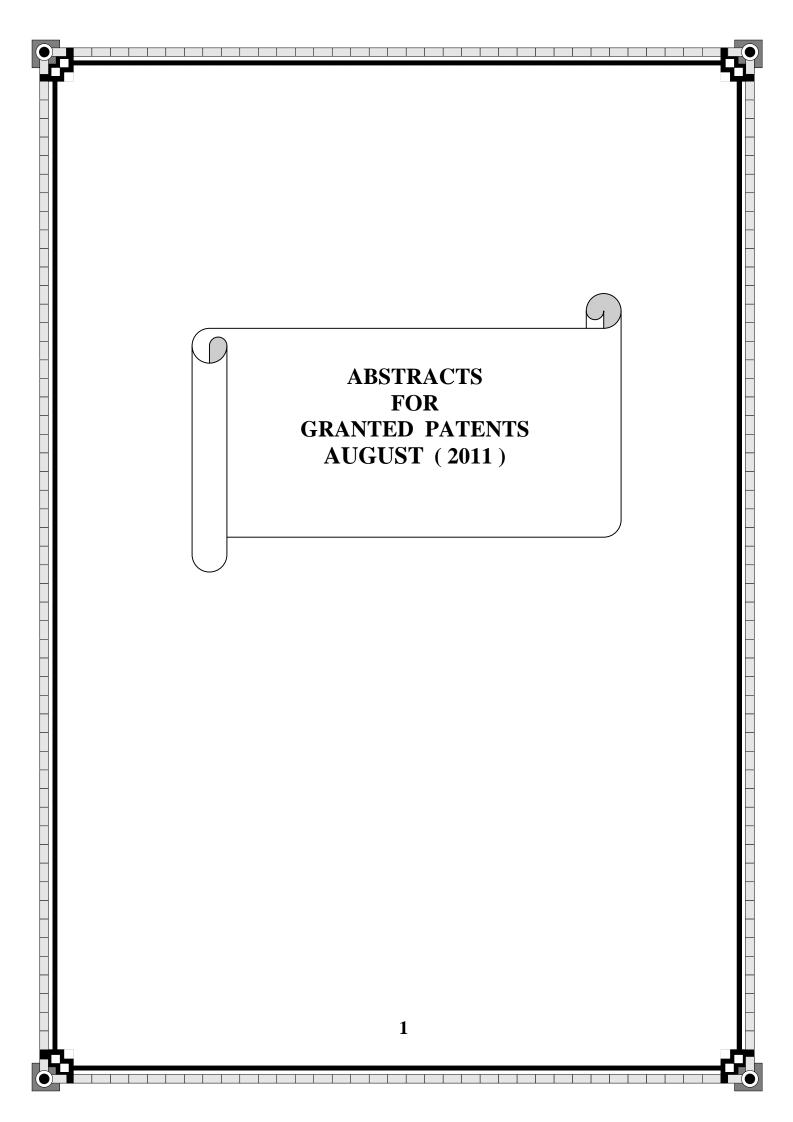
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KW	Kuwait
KZ	Kozakhstan
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MK	The Former Yugoslav
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ST	Saotome and Principe
SV	El Salvador
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TJ	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



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

#### **Egyptian Patent Office**



- (22) 08/06/2004
- (21) PCT/NA2004/000041
- (44) | February 2011
- (45) 01/08/2011
- (11) 25082

(51)	Int. Cl. 8 H04Q 1/00 & H04W 48/16, 56/00
(71)	1. MOTOROLA INC. (UNITED STATES OF AMERICA) 2. 3.
(72)	1. AERRABOTU NAVEEN 2. 3.
(73)	1. 2.
(30)	1. (US) 10/268.824 – 10/10/2002 2. (PCT/US2003/031295) – 03/10/2003 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) PREFERRED ROAMING LIST AND ROMING INDICTOR PROVISION AND SYNCHRONIZATION

#### Patent Period Started From 03/10/2003 and Will end in 02/10/2023

(57) A method for synchronizing multiple database that are provided at different times is provided. As a wireless communication device leaves a first region and enters a second region, it is provided with a new preferred roaming list information which may no longer be synchronized with a stored functionality extension table. Based upon information included in the new preferred roaming list information, an appropriate functionality extension table that is synchronized to the new preferred roaming list is received.

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

#### **Egyptian Patent Office**



- (22) 29/10/2006
- (21) PCT/NA2006/001024
- (44) | February 2011
- (45) 01/08/2011
- (11) 70.15

(51)	Int. Cl. 8 C08L23/08, 23/04
(71)	1. CHEVRON PHILLIPS CHEMICAL COMPANY LP (UNITED STATES OF AMERICA) 2.
(72)	1. KRISHNASWAMY, RAJENDRA K 2. YANG, QING 3.
(73)	1. 2.
(30)	1. (US) 10/835.755 – 30/04/2004 2. (PCT/US2005/014877) – 29/04/2005 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) HDPE RESINS FOR USE IN PRESSURE PIPE AND RELATED APPLICATIONS

#### Patent Period Started From 29/04/2005 and Will end in 28/04/2025

(57) The present invention provides bimodal polyethylene resins in which the high molecular weight ethylene copolymer component typically has a relatively narrow molecular weight distribution, with short chain branching content being substantially constant across its molecular weight distribution. The resins of this invention are typically characterized by improved toughness and resistance to slow crack propagation properties making them useful for pressure pipe applications.

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

#### **Egyptian Patent Office**



- (22) 24/12/2006
- (21) PCT/NA2006/001256
- (44) | February 2011
- (45) 01/08/2011
- (11) 70.16

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(71)	1. CHEVRON PHILLIPS CHEMICAL COMPA 2. 3.	NY I	LP (UNITED STATES OF AMERICA)
(72)	<ol> <li>THORN, MATTHEW, G.</li> <li>MARTIN, JOEL, L.</li> <li>YANG, QING</li> </ol>	4.	MASINO, ALBERT, P.
(73)	1. 2.		
(30)	1. (US) 10/876.948 – 25/06/2004 2. (PCT/US2005/022533) – 24/06/2005 3.		
(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

### (54) IMPROVED SYNTHESIS OF ANSA-METALLOCENE AND THEIR PARENT LIGANDS IN HIGH YIELD

#### Patent Period Started From 24/06/2005 and Will end in 23/06/2025

(57) The present invention provides a method of making compounds comprising linked cyclopentadienyl and fluorenyl groups, including substituted analogs thereof, which are precursors to ansa-metallocenes comprising bridged cyclopentadienyl and fluorenyl ligands. In one aspect, this invention provides a preparative method for (5-cyclopentadienyl)[5-(2,7-di-tert-butylfluorenyl)] hex-1-ene, and ansa-metallocenes comprising this ligand.

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





(22)   12/10/200
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(44) February 2011

(45) 01/08/2011

(11) 40.00

(51)	Int. Cl. <sup>^</sup> B65D 81/32
(01)	
(71)	1. RAWLPLUG LIMITED ( UNITED KINGDOM )
	2.
	3.
(72)	1. CADDEN, STEPHEN
` /	2.
	3.
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( - )	2.
(30)	1. (GB) 0607273.0 – 11/04/2006
( )	2. (PCT/GB2007/001333) – 11/04/2007
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) IMPROVED DISPENSING APPARATUS Patent Period Started From 11/04/2007 and Will end in 10/04/2027

(57) The present invention relates to apparatus for the storing and dispensing of products. In particular, the present invention relates to apparatus for the storing and dispensing of inter-reactive compounds wherein the interreactive compounds are mixed on extrusion or expulsion.

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



16/08/2007 (22)

· £ Y Y/2007

**(21)** 

(44) | February 2011

(45)

04/08/2011

(11)

70.17

(51)	Int. Cl. 8 A61C 3/02
(71)	1. DR. EMAD MOHAMED TOLBA MAHMOUD AGAMY (EGYPT) 2. 3.
(72)	1. DR. EMAD MOHAMED TOLBA MAHMOUD AGAMY 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

#### HAND INSTRUMENTS FOR EXPANDING THE MAXILLARY (54)BONE AND ELEVATION OF THE MAXILLARY SINUS FLOOR **DURING OSTEOTOMY SITE PREPARATION FOR IMPLANTS AGAMY OSTEOTOMES**

#### Patent Period Started From 16/08/2007 and Will end in 15/08/2027

(57) This istruments are used to expand the bone of the maxilla as well as to elevate the floor of the maxillary sinus for implant site preparation in cases of limited width and height of residual maxilla. They can preserve the remaining bone and eliminate the need for bone augmentation materials. They consist of a stepped starter instrument 1.5 mm diameter at the tip and beveled from one side to reduce the tip diameter to 0.75 mm. And three successive instrument with 2.5, 3.5 and 4.5 mm diameter with 16 mm working length gradually stepped at one side each 4 mm by 0.5 mm increase

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



(22)   27	7/10/200	8
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(21) | \\7\\/2008

(44) | February 2011

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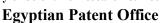
(11) 40.44

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(72)	<ol> <li>BOWE, MICHAEL</li> <li>WEST, DAVID JAMES</li> <li>WEST, DAVID JAMES</li> </ol>
(73)	1. 2.
(30)	1. (GB) 0608277.0 – 27/04/2006 2. (PCT/GB2007/050199) – 17/04/2007 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) PROCESS FOR PREPARING LIQUID HYDROCARBONS Patent Period Started From 17/04/2007 and Will end in 16/04/2027

(57) A process for converting methane to higher molecular weight hydrocarbons comprises reforming methane by catalytic reaction with steam at elevated temperature to generate carbon monoxide and hydrogen; (B) subjecting the mixture of carbon monoxide and hydrogen to a Fischer-Tropsch reaction to generate one or more higher molecular weight hydrocarbons and water; and (C) extracting or removing one or more oxygenates from the water. The oxygenates are either or both: on start-up of the process, catalytically combusted to provide heat for step (A), and replaced at least in part with methane from tail gas from step (B) when the temperature attains or exceeds the combustion temperature of methane; and/or used as a fuel-enhancer for tail gas from step (B) for steady-state heat provision in step (A).

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- (22) 30/12/2007
- (21) PCT/NA2007/001484
- (44) | February 2011
- $(45) | 0^{\wedge}/08/2011$
- (11) 40.11

(51)	Int. Cl. <sup>8</sup> C07C 4/02
(71)	1. UOP LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>VOSKOBOYNIKOV, TIMUR V.</li> <li>BARGER, PAUL T.</li> <li>CHEN, JOHN Q.</li> </ol>
(73)	1. 2.
(30)	1. (US) 11/171.799 – 30/06/2005 2. (PCT/US2006/024816) – 26/06/2006 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

### (54) PROTECTION OF SOLID ACID CATALYSTS FROM DAMAGE BY VOLATILE SPECIES

#### Patent Period Started From 26/06/2006 and Will end in 25/06/2026

(57) The invention provides a method to avoid catalyst damage and achieve longer catalyst life by selecting appropriate materials for reactor spacers, liners, catalyst binders, and supports, in particular, by not using crystalline silica-containing and high phosphorus-containing materials, if the presence of even small amount of steam is anticipated. In addition, alkali metals and alkaline earth metals are avoided due to potential damage to the catalyst.



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3.1		(11)	40.49

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(72)	1. TORMASCHY, WILLARD, R.	5. SIMNIONIW, COREY,M.	
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	3. OBRITSCH, TAIT, J.	7. ZENT, JONTHAN	
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	2. (PCT/US2007/008906) – 09/04/2007		
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(74)	SAMAR AHMED EL LABBAD		
(12)	Patent		

#### WATER CIRCULATION SYSTEMS FOR PONDS, LAKES, (54)MUNICIPAL TANKS, AND OTHER BODIES OF WATER Patent Period Started From 09/04/2007 and Will end in 08/04/2027

(57) A circulation system for bodies of water. In one set of embodiments for larger bodies of water, modified horizontal plate designs are provided at the entrance of the draft hose. The plate designs have sections that pivot downwardly as the flotation platform and depending draft hose are rapidly raised in high wave conditions to let the water escape downwardly out of the hose. Adaptations to the floats for the elongated arms of the platform are also made to essentially eliminate the creation of any damaging torques on them from high waves. Another set of embodiments are particularly adapted for smaller systems in municipal water tanks for thorough mixing of the water and treatment to kill undesirable ammonia oxidizing bacteria and prevent or at least inhibit their return.

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





(22) 19/05/2008

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(11) 70.9.

(51)	Int. Cl. <sup>8</sup> B29C 55/06
(71)	1. LOHIA STARLINGER LIMITED ( INDIA ) 2. 3.
(72)	<ol> <li>LOHIA , AMIT , KUMAR</li> <li>ANAND , HARENDRA , KUMAR</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (IN) (3097/DEL/2005) – 21/11/2005 2. (PCT/IN2006/000453) – 16/11/2006 3.
(74)	SOHEIR JOSEPH PATENT ATTORNEY
(12)	Patent

### (54) METHOD AND APPARATUS FOR PRODUCING ORIENTED SLIT FILM TAPES

#### Patent Period Started From 16/11/2006 and Will end in 15/11/2026

(57) The invention relates to a method for producing oriented slit film tapes, comprising the following steps: extruding melt polymer through a die; simultaneous quenching and melt-drawing of the molten polymer in the cooling device to form a film sheet; slitting the initial film sheet into a plurality of relatively narrow slit film tapes; stretching at elevated temperature, by passing the slit film tapes through a heating medium at a temperature just below the softening temperature of the slit film tapes; y annealing and cooling the oriented slit film tapes. The invention also relates to an apparatus for performing this method and to the products obtained by said method.



(22) 05/03/2008

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(71)	1. NOKIA CORPORATION (FINLAND)
	2. 3.
(72)	1. VESTRERINEN MATTI I. 2. 3.
(73)	1. NOKIA SIEMENS NETWORKS OY (FINLAND) 2.
(30)	1. (US) 11/220.634 – 06/09/2005 2. (PCT/IB2006/002244) – 17/08/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	METHOD AND ARRANGEMENT FOR TRANSFERRING
	INSTANT MESSAGING CONVERSATIONS BASED ON
	PRIORITY ELEMENTS
	Patent Period Started From 17/08/2006 and Will end in 16/08/2026

(57) A method, computer program product, digital device, network entity and system for enabling a first party operating a first device to transfer a text messaging conversation to a second party operating a second device are provided. In addition, a method, computer program product, digital device, network entity and system for enabling a user conducting multiple text messaging conversations on a first device to transfer only certain of those text messaging conversations for a second device are provided. In either case, the transferring of the text messaging conversation results in one or more text messages of the conversations being transmitted to and displayed on the subsequent device prior to continuing the conversation on that device.

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



(22) |09/09/2007

(21) PCT/NA2007/000952

(44) | February 2011

(11) 70.97

(51)	Int. Cl. <sup>8</sup> B65D 5/00
(71)	1. HAN, YIHE (CHINA) 2.
(72)	3. 1. HAN, YIHE 2. 3.
(73)	1. 2.
(30)	1. (CN) 200520005918.1 – 14/03/2005 (CN) 200520005882.7 – 15/03/2005 2. (PCT/CN2005/001023) – 12/07/2005 3.
(74)	MAHMOUD RAGAII ELDEKKI
(12)	Patent

### (54) A VERSATILE PACKAGING BOX FOR PRODUCTS Patent Period Started From 12/07/2005 and Will end in 11/07/2025

(57) A versatile packaging box for products, which can be folded into a book cover or a sealing sleeve for the contained book, is disclosed. On its front, rear, left, and right vertical panels, a folding line whose position is adapted to the thickness of the contained book is respectively provided. The front, rear, left, and right vertical panels are provided with foldable end panels. After the end panel is folded, the length of the rest part of the height of the left vertical panel is equal to the length of the front cover of said book, and so is the length of the rest part of the height of the right vertical panel, either. When the end panel is folded onto the inner side of the rear vertical panel, the length of the rest part of the height of the rear vertical panel is equal to the width of the front cover of said book. When the end panel is folded onto the inner side of the front vertical panel, the length of the rest part of the height of the front vertical panel is also equal to the width of the front cover of said book. Said box has the advantages as follows: making full use of the used packaging box, beautifying & protecting the contained book, and reducing the waste.

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(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

## (54) OPERATING AND SUPPORTING DUAL MODE USER EQUIPMENT Patent Period Started From 28/09/2004 and Will end in 27/09/2024

(57) The invention relates to methods and devices for enabling the handling of terminating speech calls to a dual mode user equipment by using a further access network for transmitting said data.

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#### **Egyptian Patent Office**



- (22) 23/03/2008
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(72)	1. SOHI, DANIEI 2. WOLSKI, ALEXANDER 3. BITTER, AHMAD			
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(74)	SAMAR AHMED EL LABBAD			
(12)	Patent			

#### (54) LASER HAIR REMOVAL DEVICE

#### Patent Period Started From 20/09/2006 and Will end in 19/09/2026

(57) A laser hair removal device is disclosed, having a base unit and a hand held laser wand. Laser generates light pulses of sufficient energy and duration to damage papilla of each hair follicle in the path of the beam. The device includes one or more safety features to prevent accidental misuse of the device. In particular the device incorporates a high intensity LED which makes looking at the potential path of the laser uncomfortable thus promoting a blinking reflex. Additionally the device may incorporate a skin contact/proximity sensor to prevent use of the laser away from the skin, and/or one or more locking means to prevent accidental powering of the laser.

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#### **Egyptian Patent Office**

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- (21) | 1 1 2 / 2002
- (44) | February 2011
- (11) 40.90

(51)	Int. Cl. <sup>8</sup> C07D 295/096, 241/04, 243/08, 2	11/20, 211/70 & A61K 31/44, 31/495 & A61P 25/00
(71)	1. H. LUNDBECK A/S (DENMARK) 2. 3.	
(72)	<ol> <li>RUHLAND, THOMAS</li> <li>SMITH, GARRICK, PAUL</li> <li>BANG-ANDERSEN, BENNY</li> </ol>	4. PÜSCHL, ASK 5. MOLTZEN, EJNER, KNUD 6. ANDERSEN, KIM
(73)	1. 2.	
(30)	1. (PA200101466) – 04/10/2001 2. 3.	
(74)	SAMAR AHMED EL LABBAD	

### (54) PHENYL- PIPERAZINES DERIVATIVES AS SEROTONIN REUPTAKE INHIBITORS

Patent Period Started From granted patent date and Will end in 01/10/2022

(57) The invention provides compounds represented by the general formula I:

Wherein the substations are defined in the application the compounds are useful in the treatment of an affective disorder including depression anxiety disorders including general anxiety disorder and panic disorder and obsessive compulsive disorder.



(22) 19/06/2008

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(73)	1. 2.
(30)	1. (PCT/IT2005/000754) - 22/12/2005 2. 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

#### PROCESS AND RELATED PLANT FOR PRODUCING STEEL (54)STRIPS WITH SOLUTION OF CONTINUITY

#### Patent Period Started From 22/12/2005 and Will end in 21/12/2025

(57) A process for the manufacturing of steel strips with solution of continuity is described, comprising a continuous casting step for thin slabs with a high 'mass flow', a shearing step and subsequent heating in furnace, followed by a multiple stand rolling step, wherein the average temperature of the product at the inlet of the rolling is higher than the surface temperature, which is equal to at least 1100°C, lower than that measured in the inner central area by about 100°C. A plant is also described for the accomplishment of such process, wherein at the inlet of a furnace (25; 35), possibly of the induction type, combined with a temperature maintaining tunnel (36) a shear (3) is provided for, cutting into pieces (24; 34) a slab (22; 32) coming from continuous casting (21; 31), wherein the distance between the outlet of said continuous casting and the inlet into the finishing rolling mill (29; 39) is not greater than 100 m.

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- (22) 20/04/2005
- (21) PCT/NA2005/000151
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- (11) 25097

(51)	Int. Cl. 8 A61K 31/495 & A61P 25/00, 37	7/08 & C07D 295/18	
(71)	1. JANSSEN PHARMACEUTICA, N.V 2. 3.	. (BELGIUM)	
(72)	<ol> <li>APODACA, RICHARD, L.</li> <li>JABLONOWSKI, JILL, A.</li> <li>LY, KIEV, S.</li> </ol>	SHAH, CHANDRAVADAN, R. SWANSON, DEVIN, M. XIAO, WEI	
(73)	1. 2.		
(30)	1. (US) 60/420.495 – 23/10/2002 2. (PCT/US2003/033343) – 21/10/2003 3.		
(74)	HODA ANIS SERAG EDDIN		
(12)	Patent		

### (54) PIPRAZINYL AND DIAZAPANYL BENZAMIDES AND BENZTHIOAMIDES

#### Patent Period Started From 21/10/2003 and Will end in 20/10/2023

(57) Substituted peperazinyl and diazepanyl benzamides and benzthioamides of formula (I), compositions containing them, and methods of making and using them to treat histamine-mediated conditions.



(22) 13/06/2006

(21) PCT/NA2006/000552

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(11) 25098

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(72)	1. ZHAO, YIA 2. REN, JANE 3. ODELL, ROBERT 4. PATERSON, PATTI
(73)	1. 2.
(30)	1. (US) 10/736489 – 15/12/2003 2. (PCT/US2004/042073) – 15/12/2004 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) TERMINAL STERILIZATION OF PREFILLED CONTAINERS Patent Period Started From 15/12/2004 and Will end in 14/12/2024

(57) A method for inhibiting adverse reaction of the contents of a prefilled container during a radiation sterilization procedure is disclosed. In the method, a container which is made of a material including a radiation stable polyolefin is prefilled with a medium prior to being subjected to a gamma irradiation sterilization treatment. By using a radiation stable polyolefin material as the container, such as a polyolefin with a radiation stabilizer additive, and by prefilling the container prior to the gamma irradiation treatment, the container can be effectively sterilized without adversely affecting its contents.

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- (22) 28/03/2007
- (21) PCT/NA2007/000323
- (44) February 2011
- (11) 25099

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(71)	<ol> <li>SANOFI- AVENTIS DEUTSCHLAND GMBH (GERMANY)</li> <li>TERUMO CORPORATION (JAPAN)</li> <li>3.</li> </ol>
(72)	1. SAIKI, MASARU 2. 3.
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(30)	1. (EP) 04023628.3 - 04/10/2004 2. (PCT/EP2005/009840) - 14/09/2005 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) DOSE DISPLAY MECHANISM FOR A DRUG DELIVERY DEVICE

#### Patent Period Started From 14/09/2005 and Will end in 13/09/2025

(57) This application relates to a dose display mechanism for a drug delivery device that allows the user to select multiple doses of an injectable drug and for the dispensing of the set dosage of the drug and applying said drug to a patient, preferably by injection.

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- (44) February 2011
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- (11) 25100

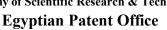
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(72)	1. SILVA, VALENTE 2. ANTÓNIO, JOSÉ 3.
(73)	1. 2.
(30)	1. (PT) 103325 – 26/07/2005 2. (PCT/PT2006/000019) – 25/07/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) A METHOD AND DEVICE FOR DEHYDRATION AND DEGASIFICATION DISSOLVED IN CRUDE PETROLEUM

#### Patent Period Started From 25/07/2006 and Will end in 24/07/2026

(57) This invention relates to a method and device for dehydration and degasification dissolved in crude Petroleum so as to obtain water with necessary charactristics for injection without pollution of underground aquifers and this by low pressure distillation inside closed tank by comperssing a processing gas and generating a current of processing gas and projecting it tangentilly over a localized zone inside processingtank, so as the current making an angel that varies between zero and thirti degrees, before contact with the crude petrolum surface, so as to create localized zone of reduced pressure on part of the free surface of the petrolum which is required to process inside the tank and thelocalized zone of reduced pressure can be created by using venturi static machine.

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- (22) |13/11/2008
- (21) | 1 \( \cdot \cdot \cdot / 2008 \)
- (44) January 2011
- (45) | \\$\(\xi\)/08/2011
- (11) 25101

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(71)	1. SCHNEIDER ELECTRIC INDUSTRIES SAS (FRANCE) 2. 3.	
(72)	<ol> <li>PREVIEUX LAURENT</li> <li>BRUNE YVES</li> <li>BURNOT CLAUDE</li> </ol>	4. MASNADA ROLAND
(73)	1. 2.	
(30)	1. (FR) 07/08042 - 16/11/2007 2. 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

### (54) ELECTRICAL SWITCHGEAR UNIT SUCH AS A CIRCUIT BREAKER OR WITCH

#### Patent Period Started From 13/11/2008 and Will end in 12/11/2028

(57) The present invention relates to an electrical switchgear unit housed in a case and comprising at least one stationary contact and at least one movable contact supported by a contact support shaft, an opening and/or closing mechanism of the movable contact fitted in a support, said mechanism comprising a manual operating handle of the contact fitted rotating around a toggle pin of the case, and a shaft called high-speed closing shaft designed to keep the movable contact in the open position, at the beginning of the manual closing operation of the handle and over a certain travel of the latter, by storing energy and to release the movable contact after this travel of the handle so that the stored energy causes highspeed closing of the contacts. This device is characterized in that, on one of its side faces, the above-mentioned support of the mechanism comprises an opening designed to accommodate at least a part of said high-speed closing shaft, the latter being thereby able to be inserted laterally at least partially into said support prior to fixing of said shaft inside the case, and that the means for fixing said support inside the case are located on one side of mechanism only with respect to the high-speed closing shaft.

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(22) |01/02/2009

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(72)	1. CRAMER, JEFFREY, W. 2. 3.
(73)	1. 2.
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(74)	SHADY FAROUK MUBARAK
(12)	Patent

## (54) GLASS GOB DISTRIBUTION Patent Period Started From 16/07/2007 and Will end in 15/07/2027

(57) A glass gob distributor for delivering gobs of molten glass to sections of a glassware forming machine includes at least one electric motor, a ball screw coupled to the electric motor and a carriage slidable on a carriage shaft and coupled to the ball screw. At least one gear rack is coupled to the carriage and at least one scoop is coupled to the gear rack for rotation around a scoop axis as a function of linear motion of the gear rack and the carriage. A pair of slides, are slidably disposed on opposite sides of the carriage and are disconnected from the carriage. A pair of fluid cylinders are disposed adjacent to the slides. The fluid cylinders are responsive to an absence of power at the electric motor for pushing the centering slides toward each other to abut and slidably position the carriage on the carriage shaft, the gear rack and the at least one scoop at a home position. In exemplary embodiments of the disclosure, a plurality of scoops are coupled either to individual associated electric motors through associated gear racks, carriages and ball screws, or are coupled to a single electric motor through one or more gear racks, a single carriage and a single ball screw.

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- (22) 26/03/2005
- $(21) \cdot 107/2005$
- (44) January 2011
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- (11) | 25103

(51)	Int. Cl. <sup>8</sup> H04J 15/00 & H04B 7/26
(71)	1. MOSTAFA AHMED EL SAYIED GOUMA (EGYPT) 2. 3.
(72)	1. MOSTAFA AHMED EL SAYIED GOUMA 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

### (54) METHOD OF PLACE DIVISION MULTIPLE ACCESS ACROSS WIRELESS COMMUNICATION CHANNELS

#### Patent Period Started From 26/03/2005 and Will end in 25/03/2025

(57) This invention relats to method of place division multiple access across the wireless communication channels. The method allows the users to access by place division instead of frequency division or time or codes. It satisfy the demonded increase in telecommunication services.

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# GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN SEPTEMBER 2011"

**Egyptian Patent Office** 

Issue No 185 October 2011



Mervet Tawfik Abd Allah Hoda Galal Abdou

> Revised by

Azza Abd Allah Abou EI - Naga Magdy Hassan Madbooly

Supervised by

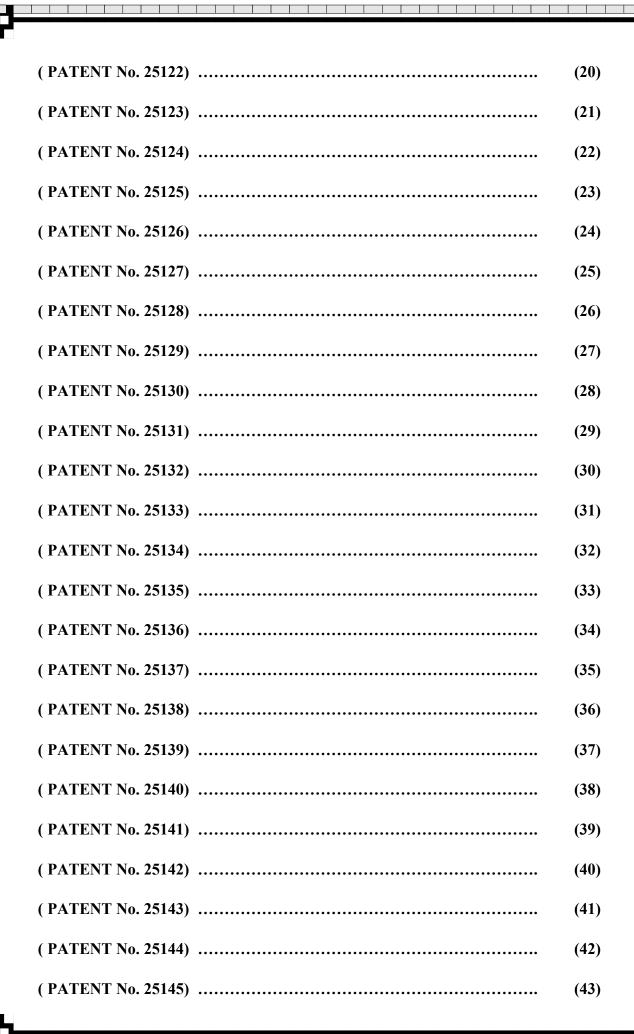
Mr. Adel El- Saeid Oweide

**Acting President of Patent Office** 

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( PATENT No. 25153)	(51)
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( PATENT No. 25159)	(57)
( PATENT No. 25160)	(58)
( PATENT No. 25161)	(59)
( PATENT No. 25162)	(60)
( PATENT No. 25163)	(61)

### **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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во	Bolivia
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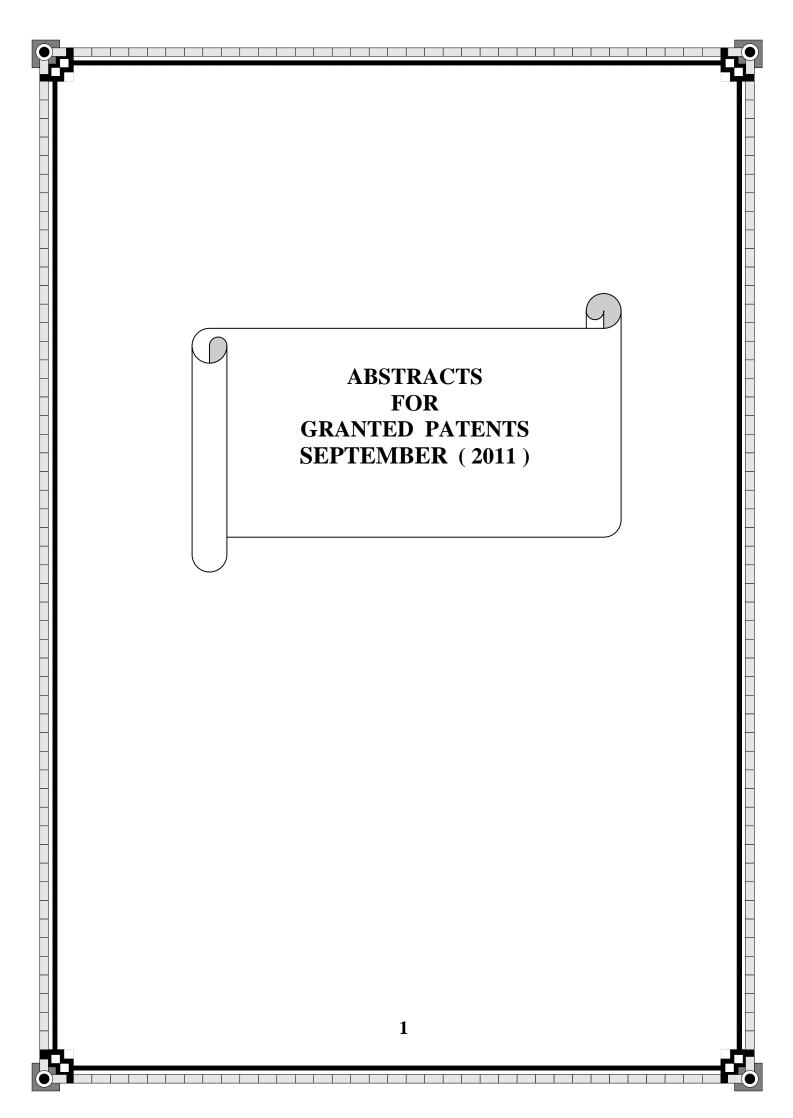
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PA Panama PE Peru PG Papua New Guinea PH Philippines PK Pakistan PL Poland PT Portugal PY Paraguay QA Qatar RO Romania RS Serbia RU Russian Federation RW Rwanda	NZ	New Zealand
PE Peru PG Papua New Guinea PH Philippines PK Pakistan PL Poland PT Portugal 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
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	RU	Russian Federation
	RW	Rwanda
SA Saudi Arabia	SA	Saudi Arabia

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ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe



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

## **Egyptian Patent Office**



- (22) 20/05/2007
- (21) PCT/NA2007/000489
- (44) | March 2011
- (45) 07/09/2011
- (11) 25104

(51)	Int. Cl. <sup>8</sup> C11D 3/386, 3/50, 17/00	
(71)	1. THE PROCTER & GAMBLE COMPANY 2. 3.	(UNITED STATES OF AMERICA)
(72)	<ol> <li>LANT, NEIL, JOSEPH</li> <li>MC RITCHIE, ALLEN, CAMPBELL</li> <li>CLARE, JONATHAN, RICHARD</li> </ol>	SOUTER, PHILIP, FRANK MEDINA, JAVIER LIU, ZAIYOU
(73)	1. 2.	
(30)	1. (EP) 04257384,0 - 29/11/2004 2. (US) 60/724,758 - 07/10/2005 3. (PCT/US2005/042941) - 28/11/2005	
(74)	HODA ANIS SERAG EDDIN	
(12)	Patent	

## (54) DETERGENT COMPOSITIONS

#### Patent Period Started From 28/11/2005 and Will end in 27/11/2025

(57) Detergent compositions comprising high efficiency lipase enzymes and particles comprising encapsulated perfumes. preferred perfumes have a boiling point at 760 mm hg, of 260°c or lower and a calculated CLogP of at least 3.0. the encapsulated perfume particles are useful in laundry compositions in order to provide efficacious perfume delivery at all stages of the wash, particularly during the laundering stage.

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## **Egyptian Patent Office**



- (22) 10/10/2007
- (21) PCT/NA2007/001081
- (44) March 2011
- (45) 07/09/2011
- (11) 25105

(51)	Int. Cl. 8 C11D 3/37, 17/04	
(71)	1. THE PROCTER & GAMBLE COMPANY (2. 3.	(UNITED STATES OF AMERICA)
(72)	<ol> <li>BOECKH, DIETER</li> <li>BITTNER, CHRISTIAN</li> <li>MISSKE, ANDREA</li> </ol>	CASADO DOMINGUEZ, ARTURO LUIS
(73)	1. 2.	•
(30)	1. (US) 60/671,493 – 15/04/2005 2. (PCT/EP2006/061553) – 12/04/2006 3.	
(74)	HODA ANIS SERAG EDDIN	
(12)	Patent	

# (54) CLEANING COMPOSITIONS WITH ALKOXYLATED POLYALKYLENIMINES Patent Period Started From 12/04/2006 and Will end in 11/04/2026

(57) Cleaning compositions comprising amphiphilic water-soluble alkoxylated polyalkylenimines having an inner polyethylene oxide block and an outer polypropylene oxide block.

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## **Egyptian Patent Office**



- (22) 17/02/2008
- (21) 0278/2008
- (44) March 2011
- (45) 07/09/2011
- (11) 25106

(51)	Int. Cl. 8 C11D 17/06, 1/22, 3/37, 3/10
(71)	1. THE PROCTER & GAMBLE COMPANY (UNITED STATES OF AMERICA) 2. 3.
(72)	1. APPLEBY, DORIS 2. BROOKER, ALAN, THOMAS 3.
(73)	1. 2.
(30)	1. (EP) 05018028,0 - 19/08/2005 2. (PCT/IB2006/052851) - 17/08/2006 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

# (54) A SOLID LAUNDRY DETERGENT COMPOSITION COMPRISING ALKYL BENZENE SULPHONATE, CARBONATE SALT AND CARBOXYLATE POLYMER

#### Patent Period Started From 17/08/2006 and Will end in 16/08/2026

The present invention relates to a solid laundry detergent composition in particulate form comprising a plurality of particulate components, the composition comprises: (i) alkyl benzene sulphonate anionic detersive surfactant; (ii) carboxylate polymer; (iii) carbonate salt; (iv) from 0% to less than 5%, by weight of the composition, of zeolite builder; (v) from 0% to less than 5%, by weight of the composition, of phosphate builder; and (vi) optionally, from 0% to less than 5%, by weight of the composition, of silicate salt; wherein: (a) any particulate component that comprises at least 5%, by weight of the particulate component, of alkyl benzene sulphonate anionic detersive surfactant also comprises carbonate salt, wherein the weight ratio of the carbonate salt to the alkyl benzene sulphonate anionic detersive surfactant present in the particulate component is greater than 1: 1; (b) any particulate component that comprises at least 5%, by weight of the particulate component, of alkyl benzene sulphonate anionic detersive surfactant also comprises carboxylate polymer, wherein the weight ratio of the alkyl benzene sulphonate anionic detersive surfactant to the carboxylate polymer present in the particulate component is in the range of from 0.2: 1 to 5: 1 and (c) any particulate component that comprises at least 5%, by weight of the particulate component, of alkyl benzene sulphonate anionic detersive surfactant also comprises from 0% to 10%, by weight of the particulate component, of silicate salt; and (d) the weight ratio of carbonate salt to carboxylate polymer present in the composition is in the range of from 1:1 to 30:1

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## **Egyptian Patent Office**



- (22) 12/08/2009
- (21) 1230/2009
- (44) March 2011
- (45) 07/09/2011
- (11) 25107

(51)	Int. Cl. (C23C 2/00
(71)	1. SMS SIEMAG AG ( GERMANY ) 2. 3.
(72)	<ol> <li>PETER, DE KOCK</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (DE) 102007008308,6 - 16/02/2007 2. (DE) 102007036743,2 - 03/08/2007 3. (DE) 102007040075,8 - 24/08/2007 4. (DE) 102007057480,2 - 29/11/2007 5. (PCT/EP2008/000878) - 05/02/2008
(74)	WAGDY NABEH AZIZ
(12)	Patent

## (54) DEVICE AND METHOD FOR HOT DIP COATING A METAL STRIP

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

with molten metal and to a method for operating said device. The metal strip is deviated in the molten metal by means of a roller. Said roller is retractably received in a bearing in a supporting arm. The bearing is mounted in a bearing compartment. In order to seal the bearing compartment from the undesired entry of molten metal, a sluice is arranged between the bearing compartment and a roller passage to the molten metal and is impinged upon by a gaseous medium at gas pressure to seal the sluice chamber from the molten metal the aim of the invention is to reduce the maintenance work required for said sluice. To achieve this, the sluice chamber is configured in the shape of a diving bell having a channel-type exit which is open to the surrounding molten metal.

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## **Egyptian Patent Office**



- (22) 13/05/2009
- (21) 0702/2009
- (44) March 2011
- (45) 07/09/2011
- (11) 25108

(51)	Int. Cl. <sup>8</sup> F24J 2/46
(71)	1. NOVATEC BIOSOL AG (GERMANY) 2. 3.
(72)	1. MERTINS, MAX 2. SELIG, MARTIN 3.
(73)	1. 2.
(30)	1. (DE) 102006053704,1 – 15/11/2006 2. (PCT/DE2007/002071) – 15/11/2007 3.
(74)	WAGDY NABEH AZIZ
(12)	Patent

# (54) WASHING APPARATUS AND WASHING METHOD FOR SOLAR PANELS

## Patent Period Started From 15/11/2007 and Will end in 14/11/2027

(57) Disclosed is a method for cleaning solar panels by means of a washing apparatus which can be displaced on the solar panel and applies rinsing water to the surface of the solar panel and washes the surface with the help of washing nozzles and/or brushes. The washing apparatus embraces the solar panel in the edge region in such a way that the washing apparatus is guided in a longitudinally movable way directly on the solar panel.

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(22) 23/10/2004

**(21)** PCT/NA2004/000114

(44) | February 2011

11/09/2011 (45)

(11)25109

(51)	Int. Cl. <sup>8</sup> B29D 22/00, B32B 15/04
(71)	<ol> <li>COMPOSITE TECHNOLOGY CORPORATION (UNITED STATES OF AMERICA)</li> <li>3.</li> </ol>
(72)	<ol> <li>GEORGE , KORZENIOWSKI</li> <li>CLEM , HIEL</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (US) 60/374,879 – 23/04/2002 2. (PCT/US03/12520) – 23/04/2003 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## ALUMINUM CONDUCTOR COMPOSITE CORE REINFORCED CABLE AND METHOD OF MANUFACTURE

#### Patent Period Started From 23/04/2003 and Will end in 22/04/2023

(57) This invention relates to an aluminum conductor composite core reinforced cable (accc) and method of manufacture. An accc cable having a composite core surrounded by at least one layer of aluminum conductor. The composite core comprises at least one longitudinally oriented substantially continuous reinforced fiber type in a thermosetting resin matrix having an operating temperature capability within the range of about 90 to about 230 °c, at least 50% fiber volume fraction, a tensile strength in the range of about 160 to about 240 ksi, a modulus of elasticity in the range of about 7 to about 30 msi and a thermal expansion coefficient in the range of about 0 to about  $6 \times 10-6 \text{ m/m/c}$ .

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- (22) 04/05/2008
- (21) 0722/2008
- (44) | February 2011
- (45) 12/09/2011
- (11) 25110

(51)	Int. Cl. <sup>8</sup> E04C 5/07, 5/04
(71)	1. BBA BLACKBULL AS ( NORWAY ) 2. 3.
(72)	1. BULL, ANDERS, HENRIK 2. 3.
(73)	1. REFORCETECH AS (NORWAY) 2.
(30)	1. (NO) 20055188 – 04/11/2005 2. (PCT/NO2006/000395) – 02/11/2006 3.
(74)	MOHAMED TAREK ABO RAGAB
(12)	Patent

# (54) REINFORCEMENT FOR CONCRETE ELEMENTS AND SYSTEM AND METHOD FOR PRODUCING REINFORCED CONCRETE ELEMENTS

### Patent Period Started From 02/11/2006 and Will end in 01/11/2026

(57) The present invention relates to reinforcement for concrete elements, comprising at least one elongated string formed of a smaller number of single fiber filaments which, when embedded in a matrix, from a fiber string, the exterior surface of which being coated with a particle shaped material, such as for example sand. The reinforcement comprises at least one or more loops, formed by repeatedly winding of said fiber string and that said loop(s) preferably are closed or laid in a continuous wind, the ends of the loops the wind function as an end anchor for the reinforcement in the concrete element . The invention relates also to a reinforcement system based on the reinforcement described above . In addition, the invention relates to a method for fabricating such reinforcement system and a method for using such reinforcement system.

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(22) 14/01/2008

(21) 0070/2008

(44) | March 2011

(45) 12/09/2011

(11) | 25111

(51)	Int. Cl. <sup>8</sup> F27B 3/18 & F27D 13/00, 17/00	
(71)	<ol> <li>TECHINT COMPAGNIA TECNICA INTERN</li> <li>3.</li> </ol>	NAZIONALE S. P. A ( ITALY )
(72)	1. ARGENTA, Paolo 2. REALI, Silvio LODATI, Claudio	4. BIANCHI Ferri , Mauro
(73)	1. 2.	
(30)	1. (IT) (MI2005A001338) – 14/07/2005 2. (PCT/EP2006/006800) – 10/07/2006 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

# (54) APPARATUS FOR THE COMBUSTION OF GAS EXITING FROM A FURNACE, FOR THE PREHEATING OF SCRAPS ENTERING THE FURNACE ITSELF AND RELATED PROCESS

#### Patent Period Started From 10/07/2006 and Will end in 09/07/2026

(57) An apparatus for the combustion of gas exiting from an electric arc furnace for the preheating of scraps entering the furnace itself foresees an insertion device of comburent substance into a preheating chamber or loading tunnel of the scrap metal having an inlet section of the scrap metal, a seal section to prevent an uncontrolled entrance of air in the tunnel, a heating section and an unloading section of the scrap metal in the furnace. Said insertion device of the comburent substance comprises one or more adjustable openings placed in the loading tunnel, and said apparatus comprises a device or a series of devices, also not equipped with autonomous movement, of mechanical seal nature placed in the insertion or inlet section of the scrap metal in the loading tunnel or preheating chamber.



(22) 31/03/2009

Arab Republic of Egypt		(21)	0435/2009
Ministry of State for Scientific Research Academy of Scientific Research & Technology		(44)	March 2011
Egyptian Patent Office	چ. ۾ . غ ا ا ا	(45)	12/09/2011
		(11)	25112

(51)	Int. Cl. <sup>8</sup> E21B 7/12
(71)	1. FLUOR TECHNOLOGIES CORPORATION (UNITED STATES OF AMERICA) 2. 3.
(72)	1. MENG, WEIHONG 2. 3.
(73)	1. 2.
(30)	1. (US) 60/849,544 - 04/10/2006 2. (PCT/US2007/021489) - 04/10/2007 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## DUAL SUBSEA PRODUCTION CHOKES FOR HIGH PRESSURE WELL PRODUCTION

#### Patent Period Started From 04/10/2007 and Will end in 03/10/2027

(57) Configurations and methods for subsea hydrocarbon production at high pressure wells are contemplated in which production control is achieved by implementing two choke valves in series between the wellhead and the riser. The first production choke reduces pressure from well pressure to a reduced pressure, while the second production choke further reduces the pressure from the reduced pressure to riser pressure. The first production choke is preferably coupled to the production tree, and the second production choke is coupled to production tree, a subsea pipeline-end device (e.g., plet or plem), a well jumper, or a flowline jumper.

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



(22)	30/09/2007

- (21) PCT/NA2007/001041
- (44) Februa
- (45) ry 2011
- (11) | 12/09/2011 25113

(51)	Int. Cl. <sup>7</sup> A61M 15/00, F16D 49/16, G06M 1/08
(71)	1. ASTRA ZENECA AB (SWEDEN) 2. 3.
(72)	<ol> <li>BOWMAN, Nic</li> <li>BRADSHAW, Douglas</li> <li>.</li> </ol>
(73)	1. 2.
(30)	1. (SE) 500857,8 – 14/04/2005 2. (PCT/SE2006/000423) – 10/04/2006 3.
(74)	MAHMOUD RAGII ELDEKY
(12)	Patent

# (54) INHALER DEVICE COUNTER Patent Period Started From 10/04/2006 and Will end in 09/04/2026

(57) Rocker movement in response to a linear actuation motion, a return spring for resetting the rocker arm, a ratchet wheel engagable with the pawl to convert the movement of the rocker arm into an incremental rotational motion of an axle arrangement advancing a display means, the axle arrangement further comprising a back rotation prevention means in the form of a spring loaded friction brake and a worm gear, the display means comprising rotatable indicator means with teeth that engage the worm-gear and a stationary scale.



(22) 11/03/2009

0322/2009

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13/09/2011

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(51)	Int. Cl. <sup>8</sup> E04F 15/02, B27M 3/04
(71)	1. VALINGE INNOVATION AB ( SWEDEN ) 2. 3.
(72)	<ol> <li>JACOBSSON, JAN</li> <li>WINGARDH, PETER</li> <li>WINGARDH, PETER</li> </ol>
(73)	1. 2.
(30)	1. (SE) 06019228 – 15/09/2006 2. (US) 11/521439 – 15/09/2006 3. (PCT/SE2007/000805) – 13/09/2007
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### DEVICE AND METHOD FOR COMPRESSING AN EDGE OF A (54)BUILDING PANEL AND A BUILDING PANEL WITH **COMPRESSED EDGES**

### Patent Period Started From 13/09/2007 and Will end in 12/09/2027

(57) A device and method of producing a building panel with a compressed and curved edge comprising a press tool, a heat device and a lubricating device and a building panel with a curved edge produced by the device and method.

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

Patent

(12)



(22) 15/04/2008

(21) 0613/2008

(44) | March 2011

(45) 13/09/2011

(11) 25115

(51)	Int. Cl. <sup>8</sup> C02F 1/46	
(71)	<ol> <li>HYDROPATH HOLDINGS LIMITED ( UNIT</li> <li>3.</li> </ol>	FED KINGDOM )
(72)	<ol> <li>STEFANINI , DANIEL</li> <li>3.</li> </ol>	
(73)	1. 2.	
(30)	1. (GB) 0520977,0 - 15/10/2005 2. (PCT/GB2006/003794) - 12/10/2006 3.	
(74)	SAMAD AHMED EL LARRAD	

# (54) WATER PURIFICATION METHOD AND APPARATUS INVOLVING GENERATION OF BIPOLAR LAYER

#### Patent Period Started From 12/10/2006 and Will end in 11/10/2026

(57) Water treatment method and apparatus according to which supply water containing dissolved matter is delivered to at least one treatment surface. An electric field is created in the vicinity of the treatment surface to cause a hydration layer to be established due to the bipolar nature of the water molecules. Water is then extracted from the hydration layer. Such extraction may be effected by osmosis or by removal of the element (s) from the supply water with the hydration layer water thereon, dehydration layer water subsequently being extracted from the element (s). The method has been devised to reduce energy consumption for the purpose of providing potable water from seawater.

## Arab Republic of Egypt Ministry of State for Scientific Research

Academy of Scientific Research & Technology

## **Egyptian Patent Office**



- (22) 19/03/2003
- (21) 0278/2003
- (44) March 2011
- (45) 14/09/2011
- (11) 25116

(51)	Int. Cl. <sup>8</sup> C08F 255/00
(71)	1. POLIMERI EUROPA S.P.A (ITALY) 2. 3.
(72)	<ol> <li>TANAGLIA, Tiziano</li> <li>BIGGI, Aroldo</li> <li>MASI, Francesco</li> </ol>
(73)	1. 2.
(30)	1. (IT) MI2002A000583 – 20/03/2002 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) PROCESS FOR THE FUNCTIONALIZATION OF POLYOLEFINS

#### Patent Period Started From 19/03/2003 and Will end in 18/03/2023

(57) Process for the preparation of functionalized polyolefins, which comprises treatment under shear conditions of said polyolefins with an unsaturated monomer containing polar groups in the presence of at least one hydroperoxide as radicalic initiator. The process allows the grafting of unsaturated monomers without the formation of cross-linked polymeric material and without modifying the molecular weight distribution.

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

## **Egyptian Patent Office**



- (22) 17/05/2007
- (21) PCT/NA2007/000285
- (44) March 2011
- (45) 14/09/2011
- (11) 25117

(51)	Int. Cl. <sup>8</sup> E21B 33/14
(71)	1. SHELL INTERNATIONALE RESEARCH MAATS CHAPPIJ B.V. (NETHERLANDS) 2. 3.
(72)	<ol> <li>MARTIN, GERARD, RENE, BOSMA</li> <li>CORNELISSEN, ERIK KERST</li> <li>JOHN, ALEXANDER, DEWAR GORDON</li> </ol>
(73)	1. 2.
(30)	1. (EP) 04105894,2 - 18/11/2004 2. (PCT/EP2005/056057) - 18/11/2005 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) METHOD OF SEALING AN ANNULAR SPACE IN A WELLBORE

#### Patent Period Started From 18/11/2005 and Will end in 17/11/2025

(57) A method of sealing a space in a wellbore formed in an earth formation, the method comprising the steps of inserting a plurality of swelleable particles into said space, the particles being susceptible to swelling upon contact with a selected fluid, and inducing said selected fluid to contact the swelleable particles whereby the swelleable particles swell so as to form a body of swollen particles in said spac.

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(22) 29/09/2008

(21) | 1624/2008

(44) March 2011

(45) |14/09/2011

(11) 25118

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Academy of Scientific Research & Technology	
Egyptian Patent Office	

(51)	Int. Cl. <sup>8</sup> A0IG 31/02
(71)	1. JOAN Repiso Cordon (SPAIN) 2.
	3.
(72)	1. COMS JOSEP
	2. 3.
(73)	1.
	2.
(30)	1.
	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### IMPROVED CHANNELING FOR HYDROPONIC OR SIMILAR **(54) CULTIVATIONS**

## Patent Period Started From 29/09/2008 and Will end in 28/09/2028

(57) The aim of this present is achanneling for an improved hydroponic or similar cultivation that includes outstanding innovations and advantages compared to other channelings with the same purpose that are known in the current state of the art. More specifically, the invention makes reference to an improved channeling for portions of gutter shaped channeling with a general u sha[e, said portions of the gutter channelings being joined to each other by means of some method of fixing fitted at the ends of same in such a way as to guarantee a watertight and reliable join

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



- (22) 28/12/2008
- (21) 2107/2008
- (44) April 2011
- (45) 14/09/2011
- (11) 25119

(51)	Int. Cl. <sup>8</sup> G01P 3/487
(71)	1. SABRI ATTA OSMAN (EGYPT) 2. 3.
(72)	1. SABRI ATTA OSMAN 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

# (54) REGULAR ROTARY SPEED SWITCH Patent Period Started From 28/12/2008 and Will end in 27/12/2028

in case of normal speed and prevents the work of there is any deviation of speed or stoppage of rotating part. This device is connected with proximity switch which is fixed in front of iron piece welded on rotating part to send inpulse to the device with every complete rotation in which the iron piece has reached to the proximity switch. The device controls the time interval between to impulses received respectively and if the interval is greater than that which is preset (ie. Slowdown or standstill situation) the device will shut off the motor responsible about the rotation. The device has an initial delay time to permit the machine to reach its normal speed then it will supervise and control the interval.

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

#### **Egyptian Patent Office**



- (22) 18/11/2008
- (21) 1852/2008
- (44) | February 2011
- (45) 18/09/2011
- **(11)** | **25120**

(51)	Int. Cl. <sup>8</sup> C11D 1/14, 17/04, 3/22, 3/43
(71)	1. UNILEVER PLC (UNITED KINGDOM) 2. 3.
(72)	<ol> <li>GOLDONI, FRANCESCA</li> <li>FERRARI, SARA</li> <li>LUCCHINI, GIANLUCA</li> </ol>
(73)	1. 2.
(30)	1. (EP) 06115210,4 - 09/06/2006 2. (PCT/EP2007/054865) - 21/05/2007 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

## (54) LIQUID HARD SURFACE CLEANING COMPOSITION

## Patent Period Started From 21/05/2007 and Will end in 20/05/2027

(57) The present invention relates to liquid hard surface cleaning compositions and methods for cleaning hard surfaces. In particular, the invention relates to fizzing compositions. Accordingly, the present invention provides a liquid hard surface cleaning composition comprising: 0.2 - 10% by weight of an anionic surfactant, selected from c6-c9 alkyl sulphonates; 0.1 - 10% by weight of a solvent; and 0.01 - 0.3% by weight of a polymer. In this connection said hard surface cleaning compositions provide fizzing hard surface cleaning compositions.

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- (22) 20/11/2007
- (21) PCT/NA2007/001263
- (44) **February 2011**
- (45) 18/09/2011
- (11) 25121

(51)	Int. Cl. 8 C01B 3/38, 3/40 & B01J 23/46, 23/755, 35/00, 23/89
(71)	1. JOHNSON MATTHEY PLC (UNITED KINGDOM) 2. 3.
(72)	<ol> <li>FARNELL, PETER WILLIAM</li> <li>FOWLES, MARTIN</li> </ol>
(73)	1. 2.
(30)	1. (GB) 0510514,3 - 24/05/2005 2. (PCT/GB2006/050097) - 09/05/2006 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

# (54) STEAM PEFORMING Patent Period Started From 09/05/2006 and Will end in 08/05/2026

(57) A process for the steam reforming of hydrocarbons is described comprising partially oxidising a feedgas comprising a hydrocarbon feedstock with an oxygen-containing gas in the presence of steam to form a partially oxidised hydrocarbon gas mixture at a temperature >1200°c and passing the resultant partially oxidised hydrocarbon gas mixture through a bed of steam reforming catalyst, wherein the bed comprises a first layer and a second layer, each layer comprising a catalytically active metal on an oxidic support wherein the oxidic support for the first layer is a zirconia.

## **Arab Republic of Egypt Ministry of State for Scientific Research**

Academy of Scientific Research & Technology
Egyptian Patent Office



- (22) 23/04/2008
- (21) 0677/2008
- (44) February 2011
- (45) 18/09/2011
- (11) 25122
- (51) Int. Cl. 8 B05B 11/02 & A61M 15/00 **BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG (GERMANY) (71) BOECK, GEORG** (72)**GESER, JOHANNES KOELBEL, HANS-JUERGEN** (73)(30)(DE) 102005052898/8 - 03/11/2005 (PCT/EP2006/010177) - 23/10/2006HODA AHMED ABD EL HADI (74)Patent (12)

# (54) METHOD AND DEVICE FOR METERING MEDICAMENTS Patent Period Started From 23/10/2006 and Will end in 22/10/2026

(57) A method and a device for metering a medicament, preferably a liquid, are proposed. In order to achieve an improved metering accuracy, a first component manufactured in batches, such as a shaped seal, is combined with a second component, such as a delivery tube, of a matching group, the matching group being selected as a function of at least one decisive significant magnitude of the respective batch and being characterized by an essential magnitude of the second component, so as to achieve an optimum seal between these components.

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Egyptian Patent Office



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(21) PCT/NA2007/001390

(44) February 2011

(45) | 18/09/2011

(11) 25123

(51)	Int. Cl. <sup>8</sup>
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( <b>-</b> 4)	4
<b>(71)</b>	1.
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( <b>7.0</b> )	1
<b>(72)</b>	1.
` ′	2.
	3.
( <b>TO</b> )	4
(73)	1.
` ′	2.
(30)	1. (US) 151.605 – 13/06/2005
(30)	
	2. (PCT/IB2006/051782 – 02/06/2006
	3.
(74)	HODA AHMED ABD EL HADI
(/4)	
(12)	Patent
(- <i>-</i> )	

# (54) FLOW REVERSING APPARATUS AND METHODS OF USE Patent Period Started From 02/06/2006 and Will end in 01/06/2026

(57) Apparatus and method for selectively and safely reversing flow in coiled tubing used for wellbor cleanouts are disclosed. One apparatus includes a section (2) of coiled tubing having a main flow channel, at least two flow-preventing valves (6) in the section of coiled tubing, each adapted to close the main flow channel upon attempted flow reversal; and at least one actuator (54) adapted to deter closing of the flow-preventing valves. This abstract allows a searcher or other reader to quickly ascertain the subject matter of the disclosure. It will not be used to interpret or limit the scope or meaning of the claims.

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

## **Egyptian Patent Office**



- (22) 16/04/2007
- (21) |PCT/NA2007/000382
- (44) | February 2011
- (45) 18/09/2011
- (11) 25124

(51)	Int. Cl. <sup>8</sup> H04B 7/005
(71)	1. KONINKLIJKE PHILIPS ELECTRONICS N.V. (NETHERLANDS) 2. 3.
(72)	1. HABETHA JOERG 2. 3.
(73)	1. 2.
(30)	1. (US) 60/620,448 – 20/10/2004 2. (US) 60/663,670 – 21/03/2005 3. (PCT/IB2005/053424) – 19/10/2005
(74)	HODA AHMED ABD EL HADI
(12)	Patent

# (54) A SYSTEM AND METHOD FOR A DYNAMIC ADAPTATION OF DATA RATE AND TRANSMIT POWER WITH A BEACONING PROTOCOL

#### Patent Period Started From 19/10/2005 and Will end in 18/10/2025

(57) A system, apparatus, and method are provided for dynamically selecting the data rate and/or transmit (tx) power. D the method consists of devices periodically transmitting beacon frames in which they include data rate and/or tx power feedback for all senders of data streams, of which the devices are a receiver. The feedback may consist of recommended values for data rate and/or tx power or of channel state information. A sender chooses data rate and/or transmit power considering the feedback from ^ the one or several receivers of the stream. The invention especially relates to systems based on an ultra wide band medium access control protocol.

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

#### **Egyptian Patent Office**



- (22) 23/03/2008
- (21) 0487/2008
- (44) February 2011
- (45) 18/09/2011
- (11) 25125

(51)	Int. Cl. 8 B63C 11/20, 11/26, 11/06
(71)	1. MA PRODUCTION (FRANCE ) 2. 3.
(72)	1. MAS, JEAN-PIERRE 2. 3.
(73)	1. 2.
(30)	1. (FR) 0509651 - 21/09/2005 2. (PCT/FR2006/002113) - 14/09/2006 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

### (54) UNDERWATER IMMERSION INSTALLATION

#### Patent Period Started From 14/09/2006 and Will end in 13/09/2026

(57) The invention concerns an underwater immersion installation (10) comprising at least one immersion pod connected to means (16, 18, 20) for lifting and lowering same, and an assembly of breathing and acoustic attachments borne by the pod (14) and separable therefrom when the pod is immersed, each breathing and acoustic attachment including a headgear mounted on a vest urged to be positioned on the chest of a user and being provided with a conduit supplying the headgear with air delivered from the surface and listening/communication means connected to complementary means.

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

#### **Egyptian Patent Office**



- (22) 08/06/2007
- (21) PCT/NA2007/001068
- (44) | February 2011
- (45) 18/09/2011
- (11) 25126

(51)	Int. Cl. <sup>8</sup> B01J 8/06
(71)	1. JOHNSON MATTHEY PLC ( UNITED KINGDOM ) 2. 3.
(72)	<ol> <li>BRADY, STUART, BALLENTYNE</li> <li>FARNELL, PETER, WILLIAM</li> <li>FOWLES, MARTIN</li> </ol>
(73)	1. 2.
(30)	1. (GB) 0507269,9 - 11/04/2005 2. (PCT/GB2006/050068) - 27/03/2006 3.
(74)	HODA AHMED ABD EL HADI Patent

### (54) STEAM REFORMING

#### Patent Period Started From 27/03/2006 and Will end in 26/03/2026

(57) An apparatus for steam reforming of hydrocarbons is described comprising a heat exchange reformer having disposed within a plurality of vertical catalyst-filled tubes, through which a gas mixture comprising hydrocarbon and steam may be passed, and to which heat may be transferred by means of a heat exchange medium flowing around the external tube surfaces, wherein heat exchange adapting means are provided within the reformer so that the tubes have a zone of lower heat exchange extending from the bottom of the catalyst depth with no heat exchange enhancement means provided in said zone a process for steam reforming of hydrocarbons using said apparatus is also described.

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



- (22) 20/01/2009
- (21) 0088/2009
- (44) February 2011
- (45) 18/09/2011
- (11) 25127

(51)	Int. Cl. <sup>8</sup> F16K 31/385
(71)	1. LARIX S. R. L. (ITALY) 2. 3.
(72)	1. MIGLIORATI, GENIO 2. 3.
(73)	1. 2.
(30)	1. (IT) (MI2006A001406) – 20/07/2006 2. (PCT/EP2007/005414) – 20/06/2007 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

# (54) FINELY ADJUSTABLE FIRING VALVE Patent Period Started From 20/06/2007 and Will end in 19/06/2027

(57) A finaly adjustable firing valve for rapidly discharging compressed air or compressed gas, for the purpose of generating a pressure wave in silos or containers of granular materials, comprising a pneumatic main valve, a pneumatic secondary valve, arranged to control the main valve, and a pilot valve, arranged to control the secondary valve, said main valve comprising a main valving element of memberane type.

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

## **Egyptian Patent Office**



- (22) 25/11/2007
- (21) PCT/NA2007/001298
- (44) February 2011
- (45) 18/09/2011
- (11) 25128

(51)	Int. Cl. <sup>8</sup> H01B 13/06, 13/10, 13/26, 7/00
(71)	<ol> <li>SOUTHWIRE COMPANY (UNITED STATES OF AMERICA)</li> <li>3.</li> </ol>
(72)	1. RANDY D. KUMMER 2. DAVID REECE 3. MARK D. DLXON
(73)	1. 2.
(30)	1. (US) 11/135,986 – 24/05/2005 2. (PCT/US2006/011069) – 23/03/2006 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

# (54) ELECTRICAL CABLE HAVING A SURFACE WITH REDUCED COEFFICIENT OF FRICTION

#### Patent Period Started From 23/03/2006 and Will end in 22/03/2026

(57) The present invention includes a cable having reduced surface friction and the method of manufacture thereof having steps in which a conductor wire is coated with a mixture of a plastic material and lubricating material, wherein the coated conductor is cooled. The cable includes at least one conductor wire and at least one coating of plastic material and incorporates a lubricating material in and/or on the plastic material. The equipment for manufacturing the electrical cable includes a reel for supplying the conductor wire to an extruding head, which is connected to tanks & containing plastic material and lubricating material respectively, for coating the conducting wire and a reel for taking up the cable.



(22) 29/03/2007

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(51)	Int. Cl. <sup>^</sup> E21B 43/08
(71)	1. PRAD REASEARCH AND DEVELOPMENT N. V. (NETHERLANDS) 2. 3.
(72)	1. PATEL DINESH R 2. ROSS DANALD W 3. VENERUSO RNTHDNT 4. CENS FABIEN
(73)	1. 2.
(30)	1. (US) 60/787592 – 30/03/2006 & (US) 60/745469 – 24/04/2006 2. (US) 60/747986 – 23/05/2006 & (US) 60/805691 – 23/06/2006 3. (US) 60/865084 – 09/11/2006 & (US) 60/866622 – 21/11/2006 4. (US) 60/867276 – 27/11/2006 & (US) 60/890630 – 19/03/2007
(74)	HODA AHMED ABD EL HADI
(12)	Patent

#### (54)COMPLETION SYSTEM HAVING A SAND CONTROL ASSEMBLY, AN INDUCTIVE COUPLER, AND A SENSOR PROXIMATE TO THE SAND CONTROL ASSEMBLY

#### Patent Period Started From 29/03/2007 and Will end in 28/03/2027

(57) A completion system for use in a well includes a first completion section and a second section. The first completion section has a sand control assembly to prevent passage of particulates, a first inductive coupler portion, and a sensor positioned proximate to the sand control assembly that is electrically coupled to the first inductive coupler portion. The second section is deployable after installation of the first completion section. It includes a second inductive coupler portion to communicate with the first inductive coupler portion, to enable communication between the first completion section's sensor and another component coupled to the second section.

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- (22) 01/02/2000
- (21) 0116/2000
- (44) | February 2011
- 18/09/2011 (45)
- (11)25130

(51)	Int. Cl. 8 CO3B 5/235, 3/00, 5/04
(71)	1. SAINT – GOBAIN VITRAGE (FRANCE) 2. 3.
(72)	1. JEANVOINE, PIERRE 2. 3.
(73)	1. 2.
(30)	1. (FR) 9901406 - 05/02/1999 & 9916297 - 22/12/1999 2. 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

#### (54)PROCESS AND APPARATUS FOR PREARING BATCH MATERIALS FOR THE MANUFACTURE OF GLASS

#### Patent Period Started From 01/02/2000 and Will end in 31/01/2020

(57) The subject of the invention is a process and apparatus for manufacturing compounds based on one or more silicates of alkali metals such as an and k and/or on rare earths such as ce optionally in the form of mixed silicates which combine alkaline earth metals such as ca with the alkai metal(s)and the rare earth (s), by conversion of silica and of halides especially of one or more chlorides or sulfate or nitrate of the said alkali metals and/or of the said rare earths and/or of the said alkaline earth metals such as nac14,kc1 or cec14 the heat needed for the conversion is supplied at least partly by one or more submerged burners.



(22) 22/07/2009

(21) 1119/2009

(44) | February 2011

(45) 18/09/2011

(11) 25131

Arab Republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology
<b>Egyptian Patent Office</b>

(51)	Int. Cl. 8 B02C 4/28
(71)	1. FLSMIDTH A/S ( DENMARK ) 2. 3.
(72)	<ol> <li>LARS DEMUTH</li> <li>NICOLAJ, STENBERG, BALK MOLLER</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (PA 200701012) – 10/07/2007 2. (PCT/EP2008/058762) – 07/07/2008 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

# (54) ROLLER PRESS WITH ADJUSTABLE PLATES Patent Period Started From 07/07/2008 and Will end in 06/07/2028

(57) A roller press for grinding particulate material, such as cement raw materials, cement clinker and similar materials isdescribed, the roller press comprising two rollers rotating in opposite directions, where one roller is movably mounted relative to the second roller, and where the rollers between them form a roller gap. A feed system has at least one inclined plate sectionfor regulating the feeding of particulate material along the axial extension of the roller gap and the inclined plate section, in the axial direction of the rollers, comprises at least two substantially parallel plates. Substantially positioned in the same plane, and independently movable back and forth relative to the roller gap. Thus it is possible to regulate the feeding of material over the axial extension of the roller gap, thereby avoiding distortion of the movable roller.

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





- (22) 17/05/2009
- (21) |0718/2009
- (44) | February 2011
- (45) 18/09/2011
- (11) |25132

(51)	Int. Cl. <sup>8</sup> B30B 9/30 & B65F 1/10, 1/12, 1/14
(71)	1. SOUKOS ENVIRONMENTAL S.A (GREECE) 2. 3.
(72)	1. SOUKOS KONSTANTINOS 2. 3.
(73)	1. 2.
(30)	1. (GR) 20060100618 – 15/11/2006 2. (PCT/GR2007/000055) – 07/11/2007 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

# (54) DEVICE FOR COLLECTING AND PRESSING WASTE Patent Period Started From 07/11/2007 and Will end in 06/11/2027

(57) The device is suitable for being used as a station of concentration and storage of a large volume of waste that emanates from houses, shops, etc., without environmental problems being created. It achieves the waste compaction, the ecological management, as well as disinfection of the waste. It provides large surfaces for advertising displays. It allocates a large capacity of waste storage (5 up to 10 m3). It comprises a main pivotal member that includes at least one chamber of waste compaction at the interior thereof. The pivotal member is constituted by a fixed member and a moving member. It is constituted by a central supporting basement of pivotal member, a chamber of waste disposal, as well as at least one system of waste lifting and controlled compaction. The collecting is realised automatically with the waste collection vehicles already available. It may be provided with double, triple or quadruple positions of waste disposal for the recycling of materials

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



(22) 19/06/2006

(21) PCT/NA2006/000589

(44) | February 2011

18/09/2011 (45)

(11)25133

(51)	Int. Cl. <sup>8</sup> C02F 1/52 (2006.01)
(71)	1. DE OLIVEIRA GOMES, JOÃO, CARLOS (BRAZIL ) 2. 3.
(72)	1. DE OLIVEIRA GOMES, JOÃO, CARLOS 2. 3.
(73)	1. 2.
(30)	1. (PI) 0306256-2 - 19/12/2003 2. (PCT/BR2004/000247) - 16/12/2004 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### 'AN INSTALLATION FOR THE REMOVAL OF POLLUTANT (54)MATERIALS AND/OR SUBSTANCES CONTAINED IN WATER **STREAMS**

#### Patent Period Started From 16/12/2004 and Will end in 15/12/2024

(57) An installation for the removal of pollutant materials and/or substances contained in water streams is provided, comprising the sequential implantation of : -a line of air diffusers disposed on the bottom of the water stream and transversal thereto simultaneously promoting the aeration and revolving of the water stream and also the flotation of the coarse residues are removed from the water stream; downstream and at a certain distance of said waste collecting net a suspended structure metallic is disposed transversal to the water stream on which are mounted at least three injection curtains that are selectively and automatically actuated, spaced apart and sandwiched between homogenization diffusers, the first curtain being responsible for the injection of coagulants; the second curtain being responsible for the injection of polymers and the third curtain of injection being responsible for the micro-aeration, wherein the aggregated particles and those of larger sizes are subjected to at least a stage of supersaturated dissolution of water/air that when depressurized set the micro-bubbles free, thus generating a flotation length in said water stream, wherein the floated material is carried along by longitudinal flexible barriers, to a transversal dragging alignment, thus promoting the concentration of said floated material and the removal thereof to restricted area remote from the water stream by a pumping action

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

SAMAR AHMED EL LABBAD

Patent

(12)



(22) 13/01/2008

(21) 0065/2008

(44) | February 2011

(45) |18/09/2011

(11) 25134

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(51)	Int. Cl. <sup>8</sup> F27B 13/06, 13/10 & F27D 1/00
<b>(71)</b>	1. ALUMINIUM PECHINEY (FRANCE)
	2.
	3.
(72)	1. JONVILLE, CHRISTIAN
	2. BIGOT, JEAN
	3.
(73)	1.
(10)	2.
(30)	1. (FR) 0507455- 12/07/2005
(50)	2. (PCT/FR2006/001675) – 10/07/2006
	3

# (54) CHAMBER SETTING WITH IMPROVED EXPANSION JOINTS AND BRICKS FOR MAKING SAME

#### Patent Period Started From 10/07/2006 and Will end in 09/07/2026

(57) The invention concerns rotating fire furnaces whereof at least one of the inner partitions is formed of a plurality of refractory meterial bricks including at least one first brick and one second brick placed above or beneath a third brick and separated from each other by a space of width j, wherein the first brick comprises at least one recess onits assembling surface opposite the third brick, the third brick comprises at least protuberance on its assembling face opposite the first brick the protuberance being engaged in the recess, the dimension e of said recess in the longitudinal direction of the partition is greater than dimension b of said first protuberance in the same direction, and said recess is spaced apart by a specific distance (se) from the end surface adjacent said space. The invention enables some bricks to be slid on one another, while the cohesion and the strenth of the partition are maintained, during the movements caused by expansion and contraction of the bricks

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



(22) 07/08/2007

(21) 0411/2007

(44) April 2011

(45) 22/09/2011

(11) 25135

(51)	Int. Cl. <sup>8</sup> G08B 3/00
(71)	1. KHALED AHMED IMAM (EGYPT) 2. 3.
(72)	1. KHALED AHMED IMAM 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	FIXED OR (PORTABLE DOOR BELL WITH REMOTE
	CONTROL) CAN PLAY MELODIES WORKING
	Patent Period Started From 07/08/2007 and Will end in 06/08/2027

(57) Door bells for houses able to gain new melodies up to customer demands.

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



<b>(22)</b>	01/03/2009
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(21) |274/2009

(44) | April 2011

(45) 25/09/2011

(11) 25136

(51)	Int. Cl. 8 C01B 33/037, 33/02, 33/12 & C30B 29/06 & F27B 7/06
(71)	1. SILICIUM BECANCOUR INC ( CANADA ) 2. 3.
(72)	<ol> <li>LEBLANC, DOMINIC</li> <li>BOISVERT, RENĖ</li> <li>.</li> </ol>
(73)	1. 2.
(30)	1. (US) 60/844,372 – 14/09/2006 2. (PCT/CA2007/001646) – 13/09/2007 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

# (54) PROCESS AND APPARATUS FOR PURIFYING LOW-GRADE SILICON MATERIAL

#### Patent Period Started From 13/09/2007 and Will end in 12/09/2027

(57) A process and apparatus for purifying low-purity silicon material and obtaining a higher-purity silicon material is provided. The process includes providing a melting apparatus equipped with an oxy-fuel burner, and melting the low-purity silicon material in the melting apparatus to obtain a melt of higher-purity silicon material. The melting apparatus may include a rotary drum furnace and the melting of the low-purity silicon material may be carried out at a temperature in the range from 1410°c to 1700°c under an oxidizing or reducing atmosphere. A synthetic slag may be added to the molten material during melting. The melt of higher-purity silicon material may be separated from a slag by outpouring into a mould having an open top and insulated bottom and side walls. Once in the mould, the melt of higher-purity silicon material can undergo controlled unidirectional solidification to obtain a solid polycrystalline silicon of an even higher purity.

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



<b>(22)</b>	01/03/2009
(21)	0277/2009
(44)	0277/2009 April 2011
>	

(45) |25/09/2011 (11) |25137

(51)	Int. Cl. <sup>8</sup> E02F 9/28
(- )	
(71)	1. METALOGENIA, S. A (SPAIN)
	2.
	3.
(72)	1. MARTINEZ ANGEL
	2. PEREZ FRANCISCO
	3. TUTO JOAN
	1010 00111
	4. ALONSO ESTER
(73)	1.
	2.
(00)	1. (PCT/ES2006/000498) – 01/09/2006
	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

# (54) PRONG AND FITTING FOR A DREDGING MACHINE Patent Period Started From 01/09/2006 and Will end in 31/08/2026

(57) The invention relates to a prong for a dredging machine, comprising a tip and a nose for coupling same to a fitting. The nose includes a lower base body having a cross-section formed by at least four sides and an upper surface which converges in the direction of the lower surface towards the end of the nose located farthest from the tip. The upper surface is provided with an upper trapezoidal attachment, the upper and lower ends of which also converge in the direction of the end of the nose. The upper attachment and the base body have an equal maximum cross-section at a point from which the lower surface and the upper end converge in the direction of the tip. A flange having a constant or variable cross-section can be provided between the nose and the tip. The prong is fixed to the blades of the dredger propeller using a fitting having a cavity that matches the nose of the prong and a pin which extends through the corresponding vertical housings in the nose of the prong and the fitting.

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





<b>(22)</b>	30/03	/2009
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(21) 0422/2009

(44) April 2011

(45) 25/09/2011

(11) 25138

(51)	Int. Cl. 8 B01D 53/50, 53/18, 53/77	
(71)	1. MITSUBISHI HEAVY INDUSTRIES , LTD ( JAPAN ) 2. 3.	
(72)	1. SONODA , KEISUKE	4. OGIWARA , KOTA
	2. NAGAO, SHOZO	5. KOUHARA , ITSUO
	3. MICHIOKA , MASATOSHI	
(73)	1.	
` /	2.	
(30)	1. (JP)2007-040457 – 21/02/2007	
(30)	2. (PCT/JP2008/052897) – 20/02/2008	
	3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

# (54) FLUE GAS DESULFURIZATION EQUIPMENT Patent Period Started From 20/02/2008 and Will end in 19/02/2028

(57) A flue gas desulfurization equipment according to a seawater method that realizes easily secure prevention of any drift or boiler flue gas blow-by phenomenon by simple structure, attaining favorable desulfurization performance. In flue gas desulfurization equipment according to a seawater method structured so that desulfurization is carried out by gasliquid contact performed by a seawater flowing down from a superior area of desulfurization tower and a boiler flue gas flowing upward from an inferior area of the desulfurization tower, there is disposed vertical divider plate for dividing of the horizontal cross section area of the interior of the desulfurization tower into a given value or below.



(22) 07/12/2006

(21) PCT/NA2006/001180

(44) **February 2011** 

(45) 18/09/2011

(11) 25139

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Ministry of State for Scientific Research
Academy of Scientific Research & Technology
<b>Egyptian Patent Office</b>

(51)	Int. Cl. <sup>8</sup> C12M 1/14, 3/04
(71)	1. PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES INC (UNITED STATES OF AMERICA) 2. 3.
(72)	1. CARBONELL, RUBEN, G. 2. 3.
(73)	1. 2.
(30)	1. (US) 60/578061-09/06/2004 2. (US) 60/616118 – 06/10/2004 3. (US) 60/617669 – 13/10/2004 4. (PCT/US2005/020036) – 09/06/2005
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) PARTICLES EMBEDDED INA POROUS SUBSTRATE FOR REMOVING TARGET ANALYTE FROM A SAMPLE Patent Period Started From 09/06/2005 and Will end in 08/06/2025

(57) The invention provides devices, test kits and methods for removing target agents from a sample. The device contains one or more porous matrices having pore sizes larger than 10 µm, and a plurality of particles impregnated therein. The target agents attach the device and are removed from the sample.

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- (22) 24/09/2008
- (21) 1595/2008
- (44) March 2011
- (45) |25/09/2011
- (11) 25140

(51)	Int. Cl. <sup>8</sup> A23L 1/00, 3/00
(71)	1. GAMAL FAYEZ KOBISY (EGYPT) 2. 3.
(72)	1. GAMAL FAYEZ KOBISY 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	MOTI GADALLA
(12)	Patent

### (54) DEWATERING AFTER FREEZING OF FOOD AND COOKED CEREAL

### Patent Period Started From 24/09/2008 and Will end in 23/09/2028

(57) The invention relates to a way to save the food cooking and dewatering after freezing through the handling of a food using cooking methods and quick-freezing of the material cooked then automatically dewatering after freezing and packaged in a sterile environment, and so the consumer can get a meal fourier characterized as a (hot – quick – preparation – not expensive – health – nutrients – with the quality of taste - .....etc) and that simply by adding a few boiling water then additions for each type .

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- (22) 04/11/2008
- (21) | 1803/2008
- (44) April 2011
- (45) 25/09/2011
- (11) 25141

(51)	Int. Cl. * B22D 11/12, B23C 5/28, B23Q 11/10
(71)	1. SMS DEMAG AG ( GERMANY ) 2. 3.
(72)	1. SEIDEL, JÜRGEN 2. SUDAU, PETER 3. MERZ, JÜRGEN 4. KIPPING, MATTHIAS
(73)	1. 2.
(30)	1. (DE) 102006024586,5 – 26/05/2006 (DE) 102007022929.3 – 14/05/2007 2. (PCT/EP2007/004579) – 23/05/2007 3.
(74)	WAGDY NABEH AZIZ
(12)	Patent

### (54) DEVICE AND METHOD FOR PRODUCING A METAL STRIP BY CONTINUOUS CASTING

### Patent Period Started From 23/05/2007 and Will end in 22/05/2027

(57) The invention relates to a device for producing a metal strip (1) by continuous casting, using a casting machine (2) in which a slab (3) is cast. At least one milling machine (4) is arranged in the direction of transport (f) of the slab (3) behind the casting machine (2) in which at least one surface of the slab (3), preferably two surfaces which are opposite to each other, can be milled. According to the invention, in order to optimise the service life of the milling cutter of the milling machine, means (5) for cooling the milling cutter (6) are provided on or in the milling machine (4). The invention also relates to a method for producing a metal strip.

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(22)	10/01	/2008

(21) 0047/2008

(44) April 2011

(45) 25/09/2011

(11) 25142

(51)	Int. Cl. <sup>8</sup> B21B 35/04	
(71)	<ol> <li>SMS DEMAG AG (GERMANY)</li> <li>3.</li> </ol>	
(72)	<ol> <li>HÖFER, GÜNTER</li> <li>BRAAS, VOLKER</li> <li>LIPOWSKI, MICHAEL</li> <li>MÜLLER, HEINZ-ADOLF</li> <li>BRANDENFELS, PETER</li> </ol>	6. HAFER, JOACHIM 7. KLEIN, CHRISTOPH 8. SUNDERMANN, CHRISTOPH 9. KRÄMER, STEFAN
(73)	1. 2.	
(30)	1. (DE) 102005045201,9 - 21/09/2005 2. (DE) 102006034217,8 - 25/07/2006 3. (PCT/EP2006/008595) - 04/09/2006	
(74)	WAGDY NABEH AZIZ	
(12)	Patent	•

### (54) DRIVE ARRANGEMENT FOR ROLLING MILL Patent Period Started From 04/09/2006 and Will end in 03/09/2026

(57) In the case of a drive arrangement for a rolling mill, comprising at least one drive motor, a main gear mechanism, a pinion gear mechanism, a rolling stand with working rolls, and the spindles, couplings and the like which connect these components, the main gear mechanism is a single-stage one and the drive axis is spaced apart from the output axis by an upwardly directed, vertical spacing.



16/08/2009 **(22)** 

1236/2009

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25143

Arab Republic of Egypt		(21)
Ministry of State for Scientific Research		(44)
Academy of Scientific Research & Technology		(44)
Egyptian Patent Office	8 P 8	(45)
		(11)

(51)	Int. Cl. <sup>8</sup> D06F 37/26	
(71)	1. MECCANICA GENERALE S.R.L (ITALY) 2. 3.	
(72)	1. BACELLI, GIANFRANCO 2. MANCINI, STEFANO 3. PARDINI, SIMONE 4. PERTICARA, GIUSEPPE	
(73)	1. 2.	
(30)	1. (IT) AN2007A00008 – 21/02/2007 2. (IT) AN2007A00009 – 21/02/2007 3. (PCT/IT2008/000098) – 15/02/2008	
(74)	WAGDY NABEH AZIZ	
(12)	Patent	

#### **(54)** WASHING MACHINE TANK PROVIDED WITH EXTERNAL REINFORCING CAP ON BOTTOM WALL

### Patent Period Started From 15/02/2008 and Will end in 14/02/2028

(57) The present invention relates to a washing machine tank, of the type provided with a basically cylindrical structure obtained by moulding plastic materials, designed to house a rotary metal drum, characterised in that it is provided with a smooth bottom wall with central hole, against which a circular cap is exactly engaged and permanently fixed with concavity facing the bottom wall, with a cylindrical nozzle in central position designed to be perfectly aligned with the central hole of the bottom wall.



(22) 22/01/2009

(21) 0102/2009

(44) | April 2011

(45) 25/09/2011

(11) 25144

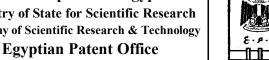
(51)	Int. Cl. <sup>8</sup> C01B 15/10
(71)	1. SOLVAY (BELGIUM) 2. 3.
(72)	<ol> <li>VENBRUX, HENK</li> <li>RABE, JÜRGEN</li> <li>CLEMENS, JOERG</li> </ol>
(73)	1. 2.
(30)	1. (EP) 06117847,1 – 26/07/2006 2. (PCT/EP2007/057624) – 24/07/2007 3.
(74)	WAGDY NABEH AZIZ
(12)	Patent

# (54) PROCESS FOR THE MONITORING OF SOLIDS WHICH RELEASE OXYGEN WHEN DECOMPOSING AND WHICH ARE STORED IN A BULK CONTAINER, USE OF THIS PROCESS FOR THE SAFE STORAGE OF SUCH SOLIDS AND BULK CONTAINER

### Patent Period Started From 24/07/2007 and Will end in 23/07/2027

(57) Process for the monitoring of solids which release oxygen when decomposing and which are stored in a bulk container closed to the ambient atmosphere, by measuring oxygen level. Use of this process and container according to this process for the safe storage of such substances.

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





<b>(22)</b>	17/07/2007
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(21) PCT/NA2007/000739

(44) April 2011

(45) 25/09/2011

(11)25145

(51)	Int. Cl. 8 B01D 53/14 & C01B 7/07 & C07C 17/093
(71)	1. SOLVAY (BELGIUM) 2. 3.
(72)	<ol> <li>STREBELLE, Michel</li> <li>LEMPEREUR, Michel</li> <li>Image: Control of the control of the</li></ol>
(73)	1. 2.
(30)	1. (FR) 05,01249 - 08/02/2005 2. (PCT/EP2006/050695) - 06/02/2006 3.
(74)	WAGDY NABEH AZIZ
(12)	Patent

#### METHOD FOR PURIFYING HYDROGEN CHLORIDE **(54)** Patent Period Started From 06/02/2006 and Will end in 05/02/2026

(57) Method for purifying hydrogen chloride gas containing aromatic organic compounds, comprising at least one step of contacting the said hydrogen chloride with a scrubbing agent containing I ,2-dichlorethane.



<b>(22)</b>	06/11/2008
<b>(21)</b>	1804/2008
(44)	April 2011

(45) 25/09/2011

<b>(11)</b>	25146
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(51)	Int. Cl. <sup>8</sup> B22D 11/12	
(71)	1. SMS DEMAG AG ( GERMANY ) 2. 3.	
(72)	<ol> <li>SEIDEL, JÜRGEN</li> <li>SUDAU, PETER</li> <li>3.</li> </ol>	
(73)	1. 2.	
(30)	1. (DE) 102006024586,5 - 26/05/2006 2. (DE) 10200702291,5 - 14/05/2007 3. (PCT/EP2007/004561) - 23/05/2007	
(74)	WAGDY NABEH AZIZ	
(12)	Patent	

### (54) METHOD AND DEVICE FOR PRODUCING A METAL STRIP BY CONTINUOUS CASTING

#### Patent Period Started From 23/05/2007 and Will end in 22/05/2027

(57) The invention relates to a method for producing a metal strip by continuous casting. According to said method, a slab, preferably a thin slab, is initially cast in a casting machine, said slab being deviated from a vertical direction (v) into a horizontal direction (h), and in the direction of transport (f) of the slab arranged behind the casting machine, the slab is subjected to a milling operation in a milling machine and at least one milling operation in at least one rolling train. According to the invention, in order to improve the quality of the strip, the rolling and milling operations are carried out immediately after the slab is cast in the casting machine. The rolling operation is divided into at least two partial-rolling operations in at least one first rolling train and one second rolling train. The milling operation in the milling machine is carried out directly prior to the first rolling operation or between both rolling operations. The invention also relates to a device for producing a metal strip by continuous casting.



<b>(22)</b>	14/12/2008
(21)	1984/2008 April 2011 25/09/2011
(44)	April 2011
(45)	25/09/2011

(11) 25147

(51)	Int. Cl. <sup>8</sup> C07C 17/02, C07C 19/045
(71)	1. SOLVAY (BELGIUM) 2. 3.
(72)	<ol> <li>STREBELLE, MICHEL</li> <li>BALTHASART, DOMINIQUE</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (FR) 06/05716 - 26/06/2006 2. (PCT/EP2007/056268) - 22/06/2007 3.
(74)	WAGDY NABEH AZIZ
(12)	Patent

### (54) PROCESS FOR THE MANUFACTURE OF 1,2-DICHLOROETHANE

#### Patent Period Started From 22/06/2007 and Will end in 21/06/2027

Process for the manufacture of 1 ,2-dichloroethane starting from a stream of ethane according to which: a) the stream of ethane is subjected to a catalytic oxydehydrogenation producing a gas mixture containing ethylene, unconverted ethane, water and secondary constituents; b) said gas mixture is optionally washed and dried thus producing a dry gas mixture; c) after an optional addit io nal purification step, the dry gas mixture is then conveyed to a chlorination reactor supplied with a flow of chlorine so that at least 10% of the ethylene is converted to 1,2-dichloroethane; d) the 1,2- dichloroethane formed in the chlorination reactor is optionally isolated from the stream of products derived from the chlorination reactor; e) the stream of products derived from the chlorination reactor, from which the 1,2-dichloroethane has optionally been extracted, is conveyed to an oxychiorination reactor in which the majority of the balance of ethylene is converted to 1,2- dichloroethane, after optionally having subjected the latter to an absorption/desorption step e'), during which the 1,2dichloroethane formed in the chlorination reactor is optionally extracted if it has not previously been extracted; f) the i ,2-dichloroethane formed in the oxychlorination reactor is isolated from the stream of products derived from the oxychiorination reactor and is optionally added to the 1,2-dichloroethane formed in the chlorination reactor; g) the stream of products derived from the oxychlorination reactor, from which the 1,2dichloroethane has been extracted, optionally containing an additional stream of ethane previously introduced in one of steps b) to f), is optionally recycled to step a) after having been optionally purged of gases and/or after an optional additional treatment in order to eliminate the chlorinated products contained therein.

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WAGDY NABEH AZIZ

Patent

(12)



(22) 17/06/2007

(21) PCT/NA2007/000603

(44) | April 2011

(45) 25/09/2011

(11) 25148

(51)	Int. Cl. 8 C07C 17/156, 17/25, 17/02, 21/06, 19/045 & C08F 14/06
(71)	1. SOLVAY (BELGIUM)
	2.
	3.
(72)	1. STREBLLE, MICHEL
, ,	2. BALTHASART, DOMINIQUE
	3.
(73)	1.
( - )	2.
(30)	1. (FR) 0413873 – 23/12/2004
(- •)	2. (FR) 0503252 – 01/04/2005
	3. (FR) 0503258 – 01/04/2005
	4. (PCT/EP2005/057048) – 21/12/2005

### (54) PROCESS FOR THE MANUFACTURE OF 1,2-DICHLOROETHANE Patent Period Started From 21/12/2005 and Will end in 20/12/2025

(57) Process for the manufacture of 1,2-dichloroethane starting with Process for the manufacture of 1,2-dichloroethane starting with a hydrocarbon source according to which: a) the hydrocarbon source is subjected to cracking which produces a mixture of products containing ethylene and other constituents; b) the said mixture of products is separated into at least one fraction containing ethylene and into a heavy fraction (fraction C); c) the fraction or fractions containing ethylene are conveyed to a chlorination reactor and/or to an oxychlorination reactor, in which reactors most of the ethylene present is converted to 1,2-dichloroethane; d) the 1,2-dichloroethane obtained is separated from the streams of products derived from the chlorination and oxychlorination reactors and it is conveyed to the pyrolysis oven; and e) the fraction C is conveyed to cracking or to the oven for pyrolysis of 1,2-dichloroethane as fuel.



(22) 06/03/2006

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	_	- <del>U-1</del>	(11)	25149

(51)	Int. Cl. <sup>8</sup> H04L 12/58
(71)	1. MICROSOFT CORPORATION (UNITED STATES OF AMERICA) 2. 3.
(72)	1. TRIBBLE ERIC D 2. FREEMAN TREVOR W. 3.
(73)	1. 2.
(30)	1. (US) 60/659,279 – 07/03/2005 2. (US) 11/107,011 – 15/04/2005 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### (54)SYSTEM AND METHOD FOR EST ABOLISHING THAT A SERVER AND A CORRESPONDENT HAVE COMPATIBLE **SECURE EMAIL**

### Patent Period Started From 06/03/2006 and Will end in 05/03/2026

(57) A discovery secret is transmitted from the source domain to the correspondent domain. The discovery secret includes a data element specific to the correspondent domain and. The discovery secret includes a source domain address to which the correspondent domain is permitted send a message in order to determine that a potential correspondent has compatible secure email technology so that a link between the source domain and the correspondent domain may be established. The discovery secret is received by the correspondent domain including receiving the data element and the source domain address. An invitation is transmitted from the correspondent domain to the source domain address. The invitation includes the data element or an element I corresponding to the data element. The source domain initiates a process to establish a link with the correspondent domain upon receipt by the source domain of the invitation



(22) 20/01/2008

(21) 0095/2008

(44) | April 2011

(45) |26/09/2011

(11) 25150

(51)	Int. Cl. 8 H01M 14/00 & C02F 1/04, 1/44
(71)	1. VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK (VITO) (BELGIUM ) 2. 3.
(72)	1. BRAUNS, ETIENNE 2. 3.
(73)	1. 2.
(30)	1. (EP) 05447175.5 - 20/07/2005 2. (PCT/BE2006/000078) - 19/072006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) COMBINATION OF A DESALINATION PLANT AND A SALINITY GRADIENT POWER REVERSE ELECTRODIALYSIS PLANT AND USE THEROF

### Patent Period Started From 19/07/2006 and Will end in 18/07/2026

(57) The present invention is related to a desalination plant, comprising a sea water intake, a desalination unit comprising a reverse osmosis or a thermal desalination unit, a fresh water outlet and a brine outlet, characterised in that it further comprises a salinity gradient power unit comprising a brine inlet, a seawater inlet and a mixed water outlet, wherein said brine outlet is connected to said brine inlet and said salinity gradient power unit is arranged to generate an electrical current and wherein a solar power heater is comprised between the brine outlet and the brine inlet. The present invention is also related to a method for reducing the power consumption of a desalination plant providing fresh water and brine from sea water, comprising the steps of: - providing a salinity gradient power unit, feeding said salinity gradient power unit with brine from said desalination plant as high salinity feed and sea water as low salinity feed, - heating said brine with solar power prior to feeding said brine to said salinity gradient power unit - generate an electrical current in said salinity gradient power unit, and - using said electrical current as an energy source for said desalination plant.



(22)	06/11/2008
(21)	06/11/2008 1891/2008 April 2011 25/09/2011
(44)	April 2011
(45)	25/09/2011

	(51)	Int. Cl. <sup>8</sup> C01B 3/34, 3/50
	(71)	1. BP P. L.C (UNITED KINGDOM) 2. 3.
	(72)	<ol> <li>FORSYTH, JONATHAN, ALEC</li> <li>HARPER, ROGER, NEIL</li> <li>3.</li> </ol>
	(73)	1. 2.
	(30)	1. (EP) 06252431.9 - 08/05/2006 2. (PCT/GB2007/001545) - 26/04/2007 3.
	(74)	SAMAR AHMED EL LABBAD
	(12)	Patent

### (54) PROCESS FOR HYDROGEN PRODUCTION Patent Period Started From 26/04/2007 and Will end in 25/04/2027

(57) A process is described for the production of hydrogen from a hydrogen-containing compound within a reactor comprising a fist and a second zone separated by a selective hydrogen-permeable membrane, in which a hydrogen-producing reaction occurs in the first zone and hydrogen permeates from the first zone to the second zone through the selective hydrogen-permeable membrane, in which a sweep gas stream is combined with permeated hydrogen in the second zone, wherein the partial pressure in the second zone of the reactor is maintained at a level of (greater than 30psi (207 kPa).

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



(22) 27/07/2008

1264/2008 **(21)** 

(44) April 2011

(45) 26/09/2011

(11)25152

(51)	Int. Cl. <sup>8</sup> B01J 20/30, 20/21, 20/22 & C09K 3/32	
(71)	<ol> <li>COMMERZIALBANK MATTERSBURG IM BURGENLAND AKTIENGESELLSCHAFT</li> <li>(AUSTRIA)</li> <li>3.</li> </ol>	
(72)	1. PHILIPP, FRANZ, JOSEF 2. 3.	
(73)	1. 2.	
(30)	1. (AT) A110/2006 - 25/01/2006 2. (PCT/AT2007/000024) - 22/01/2007 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

#### METHOD FOR PRODUCING AN OIL-BINDING AGENT AND (54)OIL-BINDING AGENT PRODUCED ACCORDING TO SAID **METHOD**

### Patent Period Started From 22/01/2007 and Will end in 21/01/2027

(57) The invention relates to a method for producing an oil-binding agent of granular open-porous structure with a silicate ceramic matrix by using recovered paper material and clay. The method is characterized in that, in each case based on the entire raw material, 35 to 60 wt.-% sewage sludge with a water content of between 70 and 85 wt.-%, 25 to 55 wt.-% recovered paper material with a water content of between 35 and 55 wt.-%, 10 to 25 wt.-% clay and optionally 1 to 3 wt.-% zeolithe, 1 to 2 wt.-% quicklime and/or up to 3 wt.-% fly ash are mixed to a homogeneous mixture. The raw material thus obtained is subsequently processed in order to form particles having an average diameter of 4 to 6 mm. The particles are then dried and subsequently burnt at 950 to 1050 °C. The oil-binding agents produced according to said method have a bulk density of between 0.4 and 0.75 kg/l and a oil-binding capability of 0.7 to 1.0 l oil per oilbinder.



<b>(22)</b>	11/01/2007
(21)	0013/2007
(44)	April 2011

(45) 27/09/2011

(11) 25153

(51)	Int. Cl. \(^\) C01D 5/00, 5/10
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	1. ADLY ABDALA HANNA 2. ASHRAF FAHIM ALI 3. HODA MOHAMED REFEAT
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT (NATIONAL RESEARCH CENTER)
(12)	Patent

### (54) PREPARATION OF POTASSIUM SULPHATE FROM CITROGYPSUM

#### Patent Period Started From 11/01/2007 and Will end in 10/01/2027

(57) In the patent, preparation of potassium sulpphate from citogypsum, by product of citric acid manufacture, using (duolite C246) as jon exchanger, inorder to convert, huge waste product to a valuable inorganic material to reduce the environmental pollution and enrich the value of main product. In the process, a suspensions of citrogypsum is separated by ion exchanger column, to obtain sulphuric acid, in another column potassium jon is separated and HCI is obtained, the sulphuric acid is subjected to the column loaded with potassium and potassium sulphate is obtained and also HCI obtained is used to reactivate the column.

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





(22)	23/1	1/2008
(44)	40/ L	1/2000

(21) | 1898/2008

(44) | April 2011

(45) 27/09/2011

(11) 25154

(51)	Int. Cl. 8 A23L 1/00
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	<ol> <li>DR. MANAL FATHY SALAMA</li> <li>DR. AZZA ANWAR AMIN</li> <li>DR. HESHAM AHMED MOHARRAM</li> </ol>
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT (NATIONAL RESEARCH CENTER)
(12)	Patent

### (54) PRODUCTION OF FIBER GEL FROM MUXHROOM MYCELIA Patent Period Started From 23/11/2008 and Will end in 22/11/2028

- (57) This Patent Deal with Method for Extraction and Production of Fiber Gel from Oyster Mushroom Stem and its uses as Fat Replacer. This process is as follow:
  - 1- The Stems were washed to remove dust.
  - 2- Freeze-Dried.
  - 3- Milled and deeped in EDTA for 2 hours with repetitions for more than one time..
  - 4-The milled freeze-dried stems were deeped in sodium hydroxide and acetic acid solutions respectively.
  - 5- The precipitate was washed with water.
  - 6- The precipitate was put in Dialysis Bag to remove solvent residue then freeze-dried to obtain Fiber Gel Powder which could be capsulated and used.



<b>(22)</b>	04/05/2009
(21)	0639/2009
(44)	April 2011

(45) 27/09/2011

(11) |25155

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	(51)	Int. Cl. <sup>8</sup> B01J 8/00 , 8/06 & C01B 3/38 & C10G 9/20
	(71)	1. UHDE GMBH (GERMANY)
	( )	2.
		3.
ı	(72)	1. MEISSNER, OLIVER
	( - )	2. WODBERG, SILKE
		3.
ı	(73)	1.
	(,	2.
ı	(30)	1. (DE) 102006052937,5 – 08/11/2006
	(00)	2. (PCT/EP2007/009387) – 30/10/2007
		3.
	(74)	SAMAR AHMED EL LABBAD
	(12)	Patent

### (54) COLLECTING LINE FOR TUBULAR REFORMERS Patent Period Started From 30/10/2007 and Will end in 29/10/2027

(57) Collecting line for removing hot process gases conducted in process gas tubes from tubular reformers, wherein the collecting line has on the inside at least one insulation layer made of fire-resistant concrete or fire-resistant brick, and on the outside a wall made of a metallic outer tube, comprises a plurality of stubs via which the process gas tubes of the tubular furnace can be connected to the collecting line, wherein in the region of the stubs, the process gas tubes are at least in part conducted in guide tubes, and each gas outlet connected to the respective process gas tube projects into the collecting line, by means of which the process gas is introduced into the collecting line in correct functioning, and at least one gas outlet is constructed as a pipe bend.

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



(22) 06/6

06/09/2009 1320/2011

**(21)** 

(44) April 2011

(45)

27/09/2011

(11) 25156

(51)	Int. Cl. 8 A01N 53/00 & C07C 255/13
(71)	1. SUMITOMO CHEMICAL COMPANY, LIMITED (JAPAN) 2. 3.
(72)	1. UEKAWA, Toru 2. OHSHITA, Jun 3.
(73)	1. 2.
(30)	1. (JP) 2007-056889 - 07/03/2007 2. (PCT/JP2008/054560) 06/03/2008 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) A CYCLOPROPANE CARBOXYLIC ACID ESTER COMPOUND AND ITS USE IN PEST CONTROL

### Patent Period Started From 06/03/2008 and Will end in 05/03/2028

(57) A compound represented by the formula (i): has an excellent pest controlling activity and therefore is useful for an effective ingredient of a pest control composition.



(22)	07/09/2009
(21)	1324/2009 April 2011 27/09/2011
(44)	April 2011
(45)	27/09/2011

(11) 25157

(51)	Int. Cl. <sup>8</sup> B01D 33/19
(71)	1. PRAYON TECHNOLOGIES (BELGIUM )
	2.
	3.
(72)	1. KUROWSKI, SERGE
	2.
	3.
(73)	1.
,	2.
(30)	1. (BE) 2007/0099 – 08/03/2007
	2. (PCT/EP2008/052710) – 06/03/2008
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) FILTRATION CELL AND FILTRATION DEVICE USING SUCH CELL

#### Patent Period Started From 06/03/2008 and Will end in 05/03/2028

(57) The invention relates to a filtration cell that comprises a tank with a bottom wall and four side walls extending upwards from the bottom wall as well as an upward opening, the four side walls including two opposite longitudinal walls as well as a front facing wall and a rear facing wall connecting them, a filtration bed supported in the tank, an outlet opening for discharging the filtrate, and a covering flap protruding outwards from the top of one of said longitudinal walls, the longitudinal wall opposed to that fitted with the flap including a lower portion extending upwards from the bottom wall and an upper portion extending slantedly upwards and inside the tank from the top of said lower portion, and/or the front facing wall comprises a bottom portion extending upwards from the bottom wall and a top portion extending slantedly upwards and inside the tank from the top of said bottom portion.



(22)	30/09/2009
(21)	1446/2009
(44)	April 2011
(45)	27/09/2011

201001000

(51)	Int. Cl. <sup>8</sup> B01J 2/00 , 2/12	
(71)	1. RESEARCH & DESIGN INSTITUTE OF UREA AND ORGANIC SYNTHESIS PRODUCTS, OTKRYTOE AKTSIONEMOE OBSCHESTVO (OAO NIIC) ( RUSSIAN ) 2. 3.	
(72)	<ol> <li>SOLDATOV, ALEKSEI VLADIMIROVICH</li> <li>SERGEEV, YURY ANDREEVICH</li> <li>ERMOLAEV, DMITRY ALEKSEEVICH</li> <li>CHEBLAKOV, NIKOLAI VALENTINOVICH</li> <li>GOLOVIN, YURY ALEKSANDROVICH</li> </ol>	6. MIKHAYLOV, YURY IVANOVICH 7. PROKOPYEV, ALEKSANDR ALEKSANDR 8. KOSTIN, OLEG NIKOLAEVICH 9. KUZNETSOV, NIKOLAI MIKHAILOVICH 10. ESIN, IGOR VENIAMINOVICH
(73)	1. 2.	
(30)	1. (RU) 2007111835 - 30/03/2007 2. (PCT/RU2008/000175) - 25/03/2008 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

### (54) GRANULATED PRODUCT PRODUCING METHOD AND A DRUM GRANULATOR

### Patent Period Started From 25/03/2008 and Will end in 24/03/2028

(57) The invention relates to granulating methods and devices and can be used for producing mineral fertilizers. The inventive granule producing method consists in dispersing a solution, melt or a suspension on a loose material curtain in a moving air medium in a rotating drum provided with internal blades. Air is supplied oppositely to the displacement of granules along the drum axis and a dispersed phase is introduced in the form of a torch, the cross-section area of which is equal to 20-50% of the cross-section area of the drum. The maximum linear dimension of the cross-section area of the torch is approximately equal to the diameter of a circle formed on the drum cross-section by the free ends of the blades. The torch cross-section can be shaped in the form of an oval, the axis of which is equal to the diameter of a circle formed by the free ends of the blades. The inventive drum granulator is provided with a sprayer, the shape of the output orifice of which makes it possible to form a torch having a required cross-section, an air-input nipple being positioned in a discharge chamber and an air-output nipple being positioned in a charging chamber. Said invention makes it possible to reduce the moisture of a final produce and to intensify a granulating process.



<b>(22)</b>	21/02/2008
(21)	303/2008
(44)	April 2011

(45) 27/09/2011

(11) 25159

(51)	Int. Cl. 8 A45D1/04,1/4,2/40,20/50
(71)	1. MOURAD JOSEPH (AUSTRALIA) 2. 3.
(72)	1. MOURAD Joseph 2. 3.
(73)	1. 2.
(30)	1. (AU) 2005/904653 - 26/08/2005 2. (PCT/AU2006/001244) - 25/08/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) HAIRSTYLING DEVICE Patent Period Started From 25/08/2006 and Will end in 24/08/2026

(57) The present invention provides a hairstyling device comprising an elongate arm having a hair receiving surface. Within the arm there is an air pa ageway that carries air injected into it by a fan. The air passageway has an elongate air outlet which is parallel to the arm. The air outlet is configured to blow air along the length of the hair. Attached to the hair receiving surface are bristles to form a brush.



<b>(22)</b>	01/03/2009
(21)	0273/2009

(44) | April 2011

(45) 27/09/2011

(11) 25160

(51)	Int. Cl. 8 A01N 25/02, 43/56, 25/04, 43/84, 47/36, 51/00 & A01P 1/00, 13/00, 7/04
(71)	1. SUMITOMO CHEMICAL COMPANY, LIMITED (JAPAN) 2. 3.
(72)	1. KOZUKI. YUMIKO 2. 3.
(73)	1. 2.
(30)	1. (JP) 2006/262135 – 27/09/2006 2. (PCT/JP2007/068906) – 20/09/2007 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

# (54) AGROCHEMICAL COMPOSITION COMPRISING AS SOLVENT A MIXTURE OF AN AROMATIC HYDROCARBON, DIETHYLOXALATE, AND 1,3-DIMETHYL-2-IMIDAZOLIDINONE

#### Patent Period Started From 20/09/2007 and Will end in 19/09/2027

(57) Compound. The emulsion composition essentially consisting of 0.5 to 25% by weight of one or a plurality of hydrophobic active agrochemical compounds; 5 to 15% by weight of one or a plurality of surfactants; 2 to 60% by weight of one or a plurality of aromatic hydrocarbon solvents; 2 to 60% by weight of diethyl oxalate; 12 to 90% by weight of 1,3-dimethyl-2-imidazolidinone; and 0 to 5% by weight of one or a plurality of formulation auxiliaries, wherein a weight ratio of 1,3-dimethyl-2-imidazolidinone and the aromatic hydrocarbon solvent(s) is 1: 0.03 to 1: 2.0, and a weight ratio of 1,3-dimethyl-2-imidazolidinone and diethyl oxalate is 1: 0.03 to 1: 2.0.



(22) 17/05/2004

(21) 0224/2004

(44) | February 2011

(45) |27/09/2011

(11) | 25161

_	
(51)	Int. Cl. <sup>8</sup> E04C 5/12
(71)	1. SOLIMAN SOLIMAN ALYELDEEN (EGYPT) 2. AL- TUHAMI ABUZIED AL- TUHAMI (EGYPT)
	3.
(72)	1. SOLIMAN SOLIMAN ALYELDEEN
	2. AL- TUHAMI ABUZIED AL- TUHAMI
	3.
(73)	1.
(,,,	2.
(30)	1.
(50)	2.
	3.
(74)	
(12)	Patent

### (54) Mechanical Reinforcing Bar Coupler Based On Bar Deformations Patent Period Started From 17/05/2004 and Will end in 16/05/2024

(57) A mechanical coupler for reinforcing bars is made of a sleeve divided into two halves split along its longitudinal axis. Each half is grooved (being a "female") along its inner surface to match with the deformatios "male" on the reinforcing bars. The sleeve adopted to connect the ends of the two reinforcing bars in which the deformations of the reinforcign bar "male" fitted into the grooves "female" made in the inner surface of the sleeve. Means for closing the two halfs in order to make the sleeve with the bars connection behaving as a one unit persented. The sleeve parts can manufactured using casting or forging or rolling methods.

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

### **Egyptian Patent Office**



- (22) 23/04/2008
- (21) 0684/2008
- (44) February 2011
- (45) 28/09/2011
- (11) 25162

(51)	Int. Cl. 8 H05B 41/36
(71)	1. SKIRTLIGHT, S.A (HUNGARY) 2. 3.
(72)	1. JANOS ISTVAN LUCZENBACHER 2. 3.
(73)	1. 2.
(30)	1. (PCT/HU2005/000118) – 26/10/2005 2. 3.
(74)	SHADY FAROUK MUBARAK
(12)	Patent

### (54) COMPACT FLUORESCENT LAMP

### Patent Period Started From 26/10/2005 and Will end in 25/10/2025

(57) Compact fluorescent lamp having a known base, a central hollow column, attached to the base, and the outer surface of which has a heat- and light-reflecting coating; a cap closing the hollow column; and one or more light-radiating members secured to the cap and/or to the hollow column. The light-radiating members start from the hollow column and connect to electronic and electric elements and pass through the holes of the hollow column and/or the cap. The lamp further comprises a guide-ring to support the light-radiating members extending until or beyond the meeting boundary edge of the base and the hollow column. The hollow column, the base, the cap and the guide ring are encompassed with the light-radiating members extending in at least a direction parallel with the longitudinal axis of the lamp towards the base and back and the light-radiating members have curved sections. The lamp is retrofit with conventional bulb sockets.

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





- (22) 20/05/2007
- (21) 0838/2008
- (44) April 2011
- (45) 28/09/2011
- (11) 25163

(51)	Int. Cl. 8 D06F 31/00
(71)	1. AYMAN AWAD AWAD ZAYED (EGYPT)
	2.
	3.
(72)	1. AYMAN AWAD AWAD ZAYED
	2.
	3.
(73)	1.
` /	2.
(30)	1.
,	2.
	3.
(74)	
(12)	Patent

### (54) SOPHISTICATED ENGINES EQUIPPED WITH WASHING MACHINES SHADDAD

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

(57) This invention is an integrated system to get engines for washing machines , metal chassis in order to walk way Mechanically and use this system to all types of washing machines, engines to install a secure manner in order to move Mechanical manner to ensure that Artha walk again through the containers to the provisions of the tensile strength and install this system of washing machines without any modification of the object Washing Machine.

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## GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN OCTOBER 2011"

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Issue No 186 November 2011



Mervet Tawfik Abd Allah Hoda Galal Abdou

> Revised by

Azza Abd Allah Abou EI - Naga Magdy Hassan Madbooly

Supervised by

Mr. Adel El- Saeid Oweide

**Acting President of Patent Office** 

**Publisher: Egyptian Patent Office** 

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### **Preface**

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

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

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

**Acting President of Patent Office** 

Mr. Adel El-Saeid Oweide

### Bibliographic data

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Patent Kind	12
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Filing Date	22
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Inventor Name	72
Patentee Name	73
Patent Attorney Name	74

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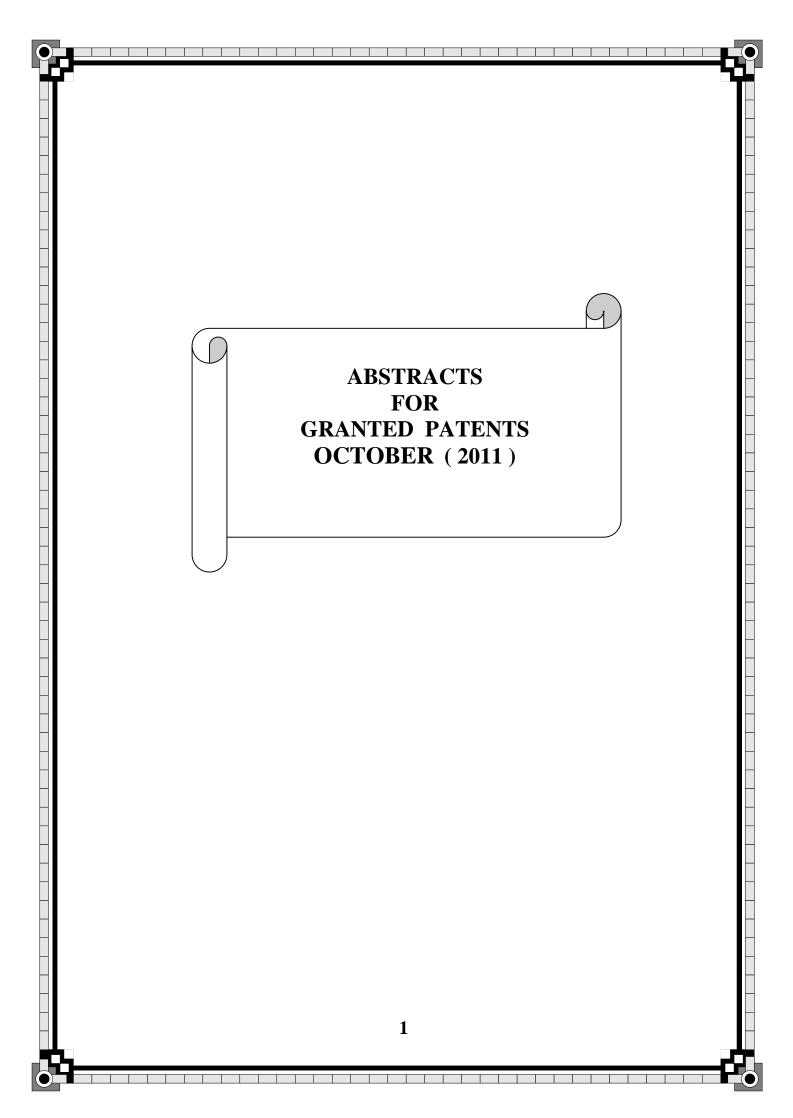
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LC	Sant Lucia
LI	Liechtenstein
LK	Sirlanka
LR	Liberia
LS	Lesotho
LT	Lithuania
LU	Luxembourg
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MD	Republic of Moldova
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NI Nicaragua NL Netherlands 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	NE	Niger
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	NG	Nigeria
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
PT Portugal PY Paraguay QA Qatar RO Romania RS Serbia RU Russian Federation RW Rwanda	PK	Pakistan
PY Paraguay  QA Qatar  RO Romania  RS Serbia  RU Russian Federation  RW Rwanda	PL	Poland
QA Qatar RO Romania RS Serbia RU Russian Federation RW Rwanda	PT	Portugal
RO Romania RS Serbia RU Russian Federation RW Rwanda	PY	Paraguay
RS Serbia RU Russian Federation RW Rwanda	QA	Qatar
RU Russian Federation RW Rwanda	RO	Romania
RW Rwanda	RS	Serbia
	RU	Russian Federation
	RW	Rwanda
SA Saudi Arabia	SA	Saudi Arabia

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

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Code	Country
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SN	Senegal
so	Somalia
SR	Suriname
ST	Saotome and Principe
SV	El Salvador
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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



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

### **Egyptian Patent Office**



- (22) 03/06/2007
- (21) PCT/NA2007/000533
- (44) April 2011
- (45) 02/10/2011
- (11) 25164

(51)	Int. Cl. 8 B01D 61/18, 61/20, 65/00	
(71)	1. VA TECH WABAG GMBH ( AUSTRIA ) 2. 3.	
(72)	<ol> <li>FUCHS, Werner</li> <li>VRANITZKY, Robert</li> <li>LUKASCHEK, Christoph</li> </ol>	
(73)	1. 2.	
(30)	1. (EP) (PCT/EP2004/013602) – 01/12/2004 2. (EP) (PCT/EP2005/056382) – 01/12/2005 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

### (54) FILTERING SYSTEM FOR WATER AND WASTE WATER

### Patent Period Started From 01/12/2005 and Will end in 30/11/2025

(57) The invention relates to a filtering system for water and waste water, which comprises at least one container in which aerated filter modules are disposed. At least one feed compartment is provided for jointly feeding suspension to be filtered to the filter modules. The inventive system is characterized by a feed distribution compartment through which the suspension to be filtered is introduced into the feed compartment, the feed distribution compartment being partially guided around the feed compartment. The invention allows to reduce the space required below the filter modules for feeding the suspension.

**Egyptian Patent Office** 



<b>(22)</b> 1	l <i>4/07/</i> 2009
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- (21) 1085/2009
- (44) April 2011
- (45) 02/10/2011
- (11) 25165

(51)	Int. Cl. <sup>8</sup> E04C 3/08, 3/32, 2/58, 3/07, 3/04 & E04B 2/58, 2/74
(71)	1. KNAUF INSAAT VE YAPI ELEMANLARI SANAYI VE TICARET A.S (TURKEY ) 2. 3.
(72)	1. KNAUF, Alfons, Jean 2. 3.
(73)	1. 2.
(30)	1. (PCT/EP07/000300) – 15/01/2007 2. (PCT/EP2008/000260) – 15/01/2008 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) PROFILE ELEMENT AS CARRIER STRUCTURE FOR THE CONSTRUCTION OF WALLS

### Patent Period Started From 15/01/2008 and Will end in 14/01/2028

(57) the invention relates to a profile element to serve as a carrier structure for the construction of walls, such that the profile element comprises at least one bridge region and at least one flange region. with the goal of disclosing a profile element of lightweight construction, in which the static requirements are still met as previously, it is provided in accordance with the invention that, firstly, the bridge region comprises at least two support braces oriented substantially in the long direction of the profile, byway of which the forces acting on the profile element are taken up and transmitted away in the long direction of the profile, and that secondly, the bridge region further comprises a plurality of connecting braces that are each disposed between the support braces and mechanically connected to at least two support braces in such a way as to take up torsion forces and transmit them to the associated support braces.

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

### **Egyptian Patent Office**



- (22) 29/12/2003
- (21) 1114/2003
- (44) April 2011
- (45) 02/10/2011
- (11) 25166

(51)	Int. Cl. <sup>8</sup> C25B 11/06
(71)	1. ELTECH SYSTEMS CORPORATION (UNITED STATES OF AMERICA ) 2. 3.
(72)	1. HARDEE, Kenneth, L. 2. 3.
(73)	1. 2.
(30)	1. (US) 10/395939 - 24/03/2003 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) ELECTROCATALYSTIC COATING WITH LOWER PLATINUM GROUP METALS AND ELECTRODE MADE THEREFROM

### Patent Period Started From 29/12/2003 and Will end in 28/12/2023

(57) the present invention relates to an electrocatalytic coating and an electrode having the coating thereon, wherein the coating is a mixed metal oxide coating, preferably platinum group metal oxides, with or without low levels of valve metal oxides. the electrocatalytic coating can be used especially as an anode component of an electrolysis cell and in particular a cell for the electrolysis of aqueous chlor-alkali solutions.

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

### **Egyptian Patent Office**



- (22) 28/09/2006
- (21) PCT/NA2006/000935
- (44) April 2011
- (45) 02/10/2011
- (11) 25167

(51)	Int. Cl. 6 G01V 1/00	
(71)	1. COUNCIL OF SCIENTIFIC AND INDUSTRI 2. 3.	AL RESEARCH ( INDIA )
(72)	<ol> <li>GERA, Bhim, Singh</li> <li>OJHA Vijay, Kumar</li> <li>SINGH, Gurbir</li> </ol>	4. DUITA, Huriday, Nath
(73)	1. 2.	
(30)	1. (PCT/IB2004/001015) -31/03/2004 2. 3.	
(74)	SHADY FAROUK MUBARAK	
(12)	Patent	

### (54) METHOD FOR THE DETECTION OF EARTHQUAKE PRECURSORS

### Patent Period Started From 31/03/2004 and Will end in 30/03/2024

(57) the present invention discloses a novel use of a sodar system to detect precursor of a major earthquake of intensity not less than 5.0 on the richter scale. the requirement for the sodar to be able to detect a possible major earthquake is that the epicenter should not be beyond a distance of about 250 kms from the position of the sodar, the conventional sodar used in the present invention has the characteristics of the capability of detection of a reflected sound intensity from atmospheric irregularities which are effected by the propagation of a long period and large amplitude wave in the lower atmosphere.



<b>(22)</b>	07/02/2008
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(21) 0229/2008

(44) April 2011

(45) 02/10/2011

(11) 25168

(51)	Int. Cl. <sup>8</sup> A01N 47/34, 43/40 & A01P 5/00, 7/00
(71)	1. BASF AKTIENGESELLSCHAFT (GERMANY) 2. 3.
(72)	1. FINCH, Charles ,W 2. 3.
(73)	1. 2.
(30)	1. (US) 60/707,312 – 11/08/2005 2. (PCT/EP2006/065134) – 08/08/2006 3.
(74)	TAHA HANAFI MAHMOUD
(12)	Patent

### (54) EMULSIFIABLE CONCENTRATE

### Patent Period Started From 08/08/2006 and Will end in 07/08/2026

(57) An emulaifiable concentrate (ec) formulation; comprising: a) a phenyisemicarbazone c mp und of the formula (1); where r1 and r2 are; independently of one another; hydrogen; kcyano; halogan;crc4- alkyi; crc4-alkyi; crc4-haloalky or crc4-haloalkoxy; crc4- haloalkyi or crc4-haloalkoxy; or an agriculturally acceptable salt thereof; b) asolvent system; comprising: b1) y- butyrolactone; b2) one or more aliphatic; c) one or more mulsifiers; d) optionally; further formulation additives; has a high storage stability and xcellent performance against insect pests.



<b>(22)</b>	15/07/2008
(21)	1189/2008
(44)	1189/2008 April 2011 04/10/2011
(45)	04/10/2011

<b>(11)</b>	25169
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(51)	Int. Cl. <sup>8</sup> E21B 33/14, 34/06
(71)	1. PEAK WELL SOLUTIONS AS (NORWAY) 2. 3.
(72)	1. REVHEIM, Sven 2. 3.
(73)	1. 2.
(30)	1. (NO) 20060304 – 20/01/2006 2. (PCT/NO2007/000008) – 10/01/2007 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	CEMENTING VALVE
	Patent Period Started From 10/01/2007 and Will end in 09/01/2027

(57) the present invention relates to a cementing valve for conducting cementing operations in a wellbore comprising a casing, wherein the cementing valve comprises an inner sliding sleeve which in a closed position covers a number of openings through an outer pipe surrounding the inner sliding sleeve, and in an open position uncovers said openings, sleeve comprising an actuating sliding means predetermined force to be actuated from both the closed position to the open position and vice versa, engaging means being arranged on the inside of the sliding sleeve for being engaged by a well running tool comprising corresponding gripping means, the present invention is characterized by the features that the cementing valve comprises at least one shear pin designed in such a manner that a predetermined force is necessary to overcome the shear resistance of the shear pin, the sliding sleeve being arranged for moving further past the shear pin when the shear pin breaks until the actuating means engage a groove.



<b>(22)</b>	14/12/2005
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(21) 0517/2005

(44) | April 2011

(45) |04/10/2011

(11) 25170

(51)	Int. Cl. 8 C07D 401/00, 401/02, 401/04
(71)	1. NATIONAL RESEARCH CENTER (EGYPT) 2. 3.
(72)	1. DR. ADEL S. GIRGIS 2. DR. HANAA M. HOSNI 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	FOCAL POINT (NATIONAL RESEARCH CENTER)
(12)	Patent

### (54) SYNTHESIS OF NOVEL 2- 1-( 4-METHYLPIPERAZINYL) NICOTINAMIDE DERIVATIVE OF ANTITUMOR NETIVITY

### Patent Period Started From 14/12/2005 and Will end in 13/12/2025

(57) This invention relates to a novel 2-f l-(4-methylpiperazinyl)]nicotinamide derivative 5 was synthesized through aromatic nucleophilic substitution reaction of 4-methylpipera/ine with 2-bromonicotinamide analogue 4 the latter was obtained via bromination of 2-cyano-a'-phenylpentamide derivative 3 in glaeial acetic acid. moreover, pentamide 3 was prepared through base-catalyzed michael addition reaction of cyanacetanilide 2 to chalcone 1 in refluxing absolute ethanol. Antitumor properties of 5 utilize 59 different human tumor cell lines, representing leukemia, melanoma and cancer of the lung, colon, brain, ovary, breast, prostate as well as kidney were screened. remarkable in vitro activities (gi50, tgi and lc5()) against all the tested human tumor cell lines were observed.

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(22)  16/01/2007
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(21) PCT/NA2007/000042

(44) | February 2011

(45) |04/10/2011

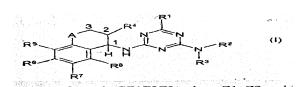
(11) 25171

(51)	Int. Cl. 8 A01N 43/68
(71)	1. BAYER CROPSCIENCE GMBH (GERMANY) 2. 3.
(72)	<ol> <li>HACKER, Erwin</li> <li>ROSE, Eckhard</li> <li>DIETRICH, Hansjörg</li> </ol>
(73)	1. BAYER CROPSCIENCE A.G (GERMANY) 2.
(30)	1. (DE) (102004034571.6) – 17/07/2004 2. (PCT/EP2005/007041) – 30/06/2005 3.
(74)	LOTFY MAHMOUD LOTFY
(12)	Patent

### (54) HERBICIDE COMPOSITIONS

### Patent Period Started From 30/06/2005 and Will end in 29/06/2025

(57) Herbicide combinations comprisign an effective amount of components (A) and (B), where component (A) is one or more herbicides of the formula (I) or salts thereof,



In which R1 is H or a group of the formula CZIZ2Z3, WGERE Z1,Z2 and Z3 are each H, alkyl, haloalkyl, alcnyl, haloalkenyl, alkynyl, haloalkynyl having in cach case up to 4 is H, (C1-C6) –alkyl or (C1-C6) – alkoxy:R5, R6, and R8 are each H, (C1-C $^{\xi}$ ) – alkyl, (C1-C3) – haloalkyl, halogen, (C1-C3) – alkoxy (C1-C3) – haloalkoxy or cyano:

A is CH2 or O a direct bond and component (B) is one or more herbicides selected from the group of compounds consisting of

- (B1) soil-acting herbicides particularly suitable for post-emergence application against monocotyledonous or dicotyledonous harmful plants,
- (B2) foliar-acting herbicides particularly suitable for post-emergence application against monocotyledonous or dicotyledonous harmful plants, and
- (B3) soil-acting and foliar-acting herbicides suitable for prc-or post-emergence application against monocotyledonous or dicotyledonous harmful plants, are suitable for controlling harmful plants.

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- (22) 25/11/2008
- (21) | 1909/2008
- (44) | February 2011
- (45) |05/10/2011
- (11) 25172

(51)	Int. Cl. <sup>8</sup> E01B 9/68
(71)	1. VOSSLOH – WERKE GMBH ( GERMANY ) 2. 3.
(72)	<ol> <li>SEIFERT, Dietrich</li> <li>VORDERBRÜCK, Dirk</li> <li>BÖSTERLING, Winfried</li> </ol>
(73)	1. 2.
(30)	1. (ED) 202006009340.0 - 14/06/2006 2. (PCT/EP2007/055811) - 13/06/2007 3.
(74)	MOHAMED MOHAMED BAKIR
(12)	Patent

### (54) DEVICE FOR POSITIONALLY SECURING AND GUIDING RAILS

#### Patent Period Started From 13/06/2007 and Will end in 12/06/2027

(57) The present invention relates to a device for positionally securing and guiding rails for track installation for trains, in particular high-speed trains, wherein the rails are laid on fixed concrete foundation directly or indirectly with the interposition of intermediate plates, and guide plates against which the rail foot and, if appropriate, the intermediate plates bear laterally are anchored on or in the concrete foundations, wherein the guide plates consist of high—strength, dimensionally stable material, preferably of filled plastic material, such as, for example, glass—fiber reinforced plastic in particular polyamide. The device according to the invention makes it possible to provide guide plates which are more wear-resistant overall. This is achieved according to the invention in that the guide plate has an inlay, or regions provided with inlays, in the surface region on which the rail foot is supported, wherein the inlay consists of slide—promoting, low—abrasion or abrasion—resistant low-wear or wear-resistant and elastically resilient material.



(22) 31/12/2007 (21) 0676/2007 (44) March 2011

(45) 09/10/2011

(11) 25173

(51)	Int. Cl. <sup>8</sup> G05D 1/06, 3/16 & G08G 1/0962, 3/00
(71)	<ol> <li>MOHSEN NEGM ATTIA NEGM (EGYPT)</li> <li>3.</li> </ol>
(72)	<ol> <li>MOHSEN NEGM ATTIA NEGM</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

### (54) A NEW METHOD FOR MARINE PILOTAGE BY USING NEW FIXED MARKS

#### Patent Period Started From 31/12/2007 and Will end in 30/12/2027

Aiming to increase ships safety rate during navigation in shallow water (channels & rivers, etc) and to (57)reach nearly the level of zero accidents, innovation of a brand new method that has not been used before in the whole world, it supports the usual methods used nowadays. It is a new pilotage method by using pilotage marks (I like to name (N.N.S) Negm Navigation system) by using Sea Star Pilotage Marks) It is fixed to canal floor or bottom of channel or ...etc and it is exactly on equal distances and have an enough height to be shown very clearly on ship sonar at fixed time intervals while ship speed is fixed (GPS). So if we imagine the ideal course (degrees and position) we mean that the ship is completely safe, so we can call this course the optimum course, So if we think that the sun rays are perpendicular on this optimum course, it will make a shadow on the bottom of the channel exactly. So if we use this shadow on the floor as a course completely the same optimum course on water channel surface, if we choose determined points with fixed and equal distances and fix the new created pilotage marks on these points. So it will be received very clearly by ships echo sounder (sonar) as long as the ship on the optimum course and if she is still using it (degrees and position) but in case if the pilotage marks disappeared, it means the ship will be away the optimum course ( even if she back to same degrees of it) and she will be not safe (drifted). In this case must be corrected again and back to the optimum course and to be sure of that the pilotage marks must be shown clearly on ships echo sounder (sonar). This method should be developed as will follow, provided that not to and its safety system, contradict with any necessities or requirements in maritime field. This is the addition we talk about which will really increase the required safety rate, is the add we talk about which will really increase the required safety rate. It is worth mentioning that the new invention has been developed by minimizing the height so as not to interfere with dredging /deepening operation .Its effect has been compensated by adding metal -containing electronic chips to distinguish tones which in turn could mark a channel from the other and even a mark a channel from another, this of course could help in plotting (example: the filtration and quartz with its known qualities was also added to increase sound waves relayed from bottom stars to ships eaho -sounder in a way that displays bottom marks (pilotage sea stars -2).

**Egyptian Patent Office** 



(22) 25/08/2008

(21) | 1431/2008

(44) March 2011

(45) 09/10/2011

(11) 25174

(51)	Int. Cl. <sup>8</sup> H01H 71/02
(71)	1. ESAM MAHER KHALED AWAAD (EGYPT) 2. 3.
(72)	1. ESAM MAHER KHALED AWAAD 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

## (54) HANDLE OF PROTECTION FOR CIRCUIT BREAKERS TO PREVENT OPERATION MISTAKES AT 11K.V @ 66K.V DISTRIBUTION PANELS

#### Patent Period Started From 25/08/2008 and Will end in 24/08/2028

(57) Handle of e protection for circuit breakers to prevent operation mistakes at 11k.v @ 66k.v distribution panels it is prevent moving inside and out side the circuit breakers into the Switch Gear (incoming – out coming- B.C) at distribution panel (11k.v – 66 k.v) when it is on Position by tripping the circuit breaker automatically. by hand of users when they push or pull the circuit breaker and get them sound and lighting alarm .then we are protect the users and components of panel in electrical distribution net work.



(22) 10/08/2009

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Arab Republic of Egypt		(21)	1208/20
Ministry of State for Scientific Research cademy of Scientific Research & Technology  Egyptian Patent Office	5-4-3	` /	April 2 09/10/2
Egyptian Fateur Office		(11)	25175

(51)	Int. Cl. 8 CO7C 2/46, 15/107
(71)	1. UOP LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>SOHN, Stephen,W.</li> <li>RILEY,Mark G.</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (US)11/673,908 – 12/02/2007 2. (PCT/US2008/053335) – 07/02/2008 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

#### **(54) ENERGY INTEGRATED PROCESSES FOR MAKING** DETERGENT RANGE ALKYLBENZENES

### Patent Period Started From 07/02/2008 and Will end in 06/02/2028

(57) The invention relates to integrated, energy efficient process for making detergent range alkylbenzenes, heavies coproduced during the alkylation of benzene with olefin using a solid, acidic catalyst are transalkylated. Spent benzene from regeneration of the solid, acidic catalyst used for alkylation provides at least 50 percent of the benzene provided for the transalkylation. The integrated processes thus reduce the load on the benzene distillation assembly used in the alkylbenzene refining system.



(22)  30/03/200	8
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- (21) 000543/2008
- (44) March 2011
- (45) |10/10/2011
- (11) 25176

(51)	Int. Cl. 8 A61J 1/16, 1/05 & B65D 25/22
(71)	1. OTSUKA PHARMACUTICAL FACTORY, INC (JAPAN) 2. 3.
(72)	<ol> <li>SHOJI, Hidekatsu</li> <li>YOSHIKAWA, Kazunari</li> <li>TATEISHI, Isamu</li> </ol>
(73)	1. 2.
(30)	1. (JP) 008018/2005 – 30/09/2005 2. (JP) 009257/2005 – 04/11/2005 3. (PCT/JP2006/317527) – 05/09/2006
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) HANGER COVER AND MULTIPLE CHAMBER INFUSION BAG

#### Patent Period Started From 05/09/2006 and Will end in 04/09/2026

(57) This invention relates to a hanger cover for a multiple infusion bag, for preventing the utilization of a hanging part of the infusion bag befor mixing of the drugs to be administrated to the patient's dose. A hanger cover to be attached to a multiple chamber infusion bag, comprising multiple chambers esparated by easily strippable seal partitions and a drug discharge part for discharging drugs from the chamber. The bag fyrther constitutes easily strippable seal partitions which are opened by pressing the chambers and thus elevating the inner pressure within the chamber. Thus opening the easily strippable seal partitions. The hanger cover characterized by having a pair of clips for holding the chamber, the pair of clips having engagementparts which allow the pair of clips to engage with each other so as to maintain the holding state until the pair of clips are released from the holding state with an increase in the inner pressure in the chamber, the hanging part being closed in the holding state and the hanging part becoming usable when the holding state is released.



(22) 19/08/2007

(21) PCT/NA2007/000869

(44) April 2011

(45) 11/10/2011

(11) 25177

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Ministry of Sta	te for Sc	ientific Re	search
Academy of Scien	tific Rese	earch & Tec	hnology
Egyptia	an Pate	nt Office	

(51)	Int. Cl. 8 C11D 3/386, 3/12, 3/06
(71)	1. THE PROCTER & GAMBLE COMPANY (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>LANT, Neil, Joseph</li> <li>PATTERSON, Steven, George</li> <li>.</li> </ol>
(73)	1. 2.
(30)	1. (EP) 05250995,7 - 22/02/2005 2. (PCTIB2006/050577) - 22/02/2006 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

#### **DETERGENT COMPOSITIONS (54)**

### Patent Period Started From 22/02/2006 and Will end in 21/02/2026

(57) Detergent compositions containing high efficiency lipase enzymes and specific detergent formulations comprising a high reserve alkalinity, greater than 7.5, and less than 15 wt% zeolite and phosphate builder are described. Preferred formulations comprise surfactants selected from alkyl benzene sulphonates in combination with alky ethoxylated sulfates or MES or non-ionic surfactants.



<b>(22)</b>	25/10/2009
(21)	1591/2000

(21) | 1581/2009

(44) April 2011 (45) 11/10/2011

(11) 25178

(51)	Int. Cl. <sup>8</sup> E05B 15/10
(71)	1. ABLOY OY (FINLAND) 2. 3.
(72)	<ol> <li>HELISTEN, Mika</li> <li>KERVINEN, Jari</li> <li>Mercondition of the second seco</li></ol>
(73)	1. 2.
(30)	1. (FI) 20075296 – 27/04/2007 2. (PCTFI2008/050173) 09/04/2008 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

### DOOR LOCK Patent Period Started From 09/04/2008 and Will end in 08/04/2028

(57) A door lock with a bolt, wherein the bolt pieces of the dual-action bolt are prevented from turning away from each other as the bolt pieces have two projections arranged to cooperate with the inner surface (30) of the front plate. In relation to the support of the bolt piece on the shaft (29), one of the projections is arranged on the opposite side in the axial direction compared to the other away-facing projection.



	12/06/2008
	0981/2008
(44)	April 2011
(45)	11/10/2011
(11)	25179

(51)	Int. Cl. 8 F28B 1/02 & F01K 9/00
(71)	1. SIEMENS AKTIENGESELLSCHAFT (GERMANY) 2. 3.
(72)	1. JURETZEK, Uwe 2. 3.
(73)	1. 2.
(30)	1. (EP05027973.6) – 20/12/200 2. (CPT/EP2006/069748) – 15/12/2006 3.
(74)	NADIA HAROUN & MAGDA HAROUN
(12)	Patent

### POWER PLANT Patent Period Started From 15/12/2006 and Will end in 14/12/2026

(57) The invention relates to a power plant with a condenser for condensing the process medium, characterized in that at least one separate cooling device for cooling the already condensed process medium and a component cooler are provided in series downstream of the condenser, which are configured in such a manner that the cooling device cools off the process medium to a predetermined temperature prior to entering the component cooler and that the component cooler then reheats the process medium, the occurring temperature increase of the process medium being greater than the previously caused temperature reduction.

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





- (22) 24/07/2008
- (21) | 6421/2008
- (44) April 2011
- (45) |11/10/2011
- (11) 25180

(51)	Int. Cl. <sup>8</sup> C21D 8/02
(71)	1. ARVEDI GIOVANNI (ITALY) 2. 3.
(72)	<ol> <li>ARVEDI, Giovanni</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (PCT/IT2006/000044) – 26/01/2006 2. 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

## (54) STRIP OF HOT ROLLED MICRO-ALLOYED STEEL FOR OBTAINING FINISHED PIECES BY COLD PRESSING AND SHEARING

#### Patent Period Started From 26/01/2006 and Will end in 25/01/2026

(57) A micro-alloyed low carbon steel strip is obtained by hot rolling at temperature of the pre-strip never lower than 900°C and shows such metallurgical and geometrical features, as well as relating to planarity and deformability, to render the same suitable to obtain structures of low weight and good mechanical resistance, thus being able for use in replacement of cold rolled strips for the production of finished stamped or cut pieces. Said steel strip, having thickness > 0.7 mm, has a ratio yield load/breaking load > 70%, a fine grain structure better than grade 10 of ASTM E 112 standard in a percentage higher than 90% of the whole structure and a ratio between breaking limit under strain and yield point σFp/RPo.2> 90%.



- (22) 03/11/2008
- (21) 0081/2008
- (44) April 2011
- (45) 11/10/2011
- (11) | 25181

(51)	Int. Cl. 8 C09K 8/524, 8/528
(71)	1. HALLIBURTON ENERGY SERVICES, INC. (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>LIGHTFORD, Steven Charles</li> <li>ARMESI, Franco</li> <li>.</li> </ol>
(73)	1. 2.
(30)	1. PCT/IT2006/000316 - 05/05/2006 2. (PCT/IT2006/000806 - 20/11/2006 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

# (54) COMPOSITIONS AND METHODS FOR REMOVAL OF ASPHALTENES FROM A PORTION OF A WELLBORE OR SUBTERRANEAN FORMATION USING WATER-ORGANIC SOLVENT EMULSION WITH NON-POLAR AND POLAR ORGANIC SOLVENTS

#### Patent Period Started From 20/11/2006 and Will end in 19/11/2026

(57) Compositions are provided for removing an organic material, especially asphaltenes, from a portion of a well bore or a subterranean formation. The composition comprises: (A) water; (B) an organic solvent blend further comprising: (i) a non-polar organic solvent; and (ii) at least two polar organic solvents; and (C) a surfactant adapted for forming an emulsion of the organic solvent blend and the water. According to another aspect of the invention, the compositions comprise: (A) water, wherein the water is greater than 25% by volume of the composition; (B) an organic solvent blend further comprising: (i) a non-polar organic solvent; and (ii) a polar organic solvent; and (C) a surfactant adapted for forming an emulsion of the organic solvent blend and the water. Methods are provided for removing an organic material from a portion of a well bore or a subterranean formation. The method comprises the steps of: (A) forming a composition according to the invention; and (B) introducing the composition to the portion from which the organic material is to be removed.



<b>(22)</b> 1	13/06/2007
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(21) PCT/NA2007/000587

(44) April 2011

(45) 11/10/2011

(11) 25182

(51)	Int. Cl. <sup>8</sup> A61F 15/00 & B65D 75/38, 75/52, 5/42	
(71)	1. THE PROCTER & GAMBLE COMPANY (U. 2. 3.	INITED STATES OF AMERICA)
(72)	<ol> <li>MASON, Peter, Charles, JR.</li> <li>VISSCHER, Ronald, Bosman</li> <li>HUGHES, Jeanne, Marie</li> <li>SCHLUETER, Folke</li> </ol>	<ul><li>5. SOMMA, Emma</li><li>6. WEISMAN, Paul, Thomas</li><li>7. CARLUCCI, Giovanni</li></ul>
(73)	1. 2.	
(30)	1. (US) 11/012.834 – 15/12/2004 2. (US) (PCT/US2005/045478) – 14/12/2005 3.	
(74)	HODA ANIS SERAG EDDIN	
(12)	Patent	

## (54) ABSORBENT ARTICLE HAVING A FUNCTIONAL ENHANCEMENT INDICATOR Patent Period Started From 14/12/2005 and Will end in 13/12/2025

(57) A feminine hygiene article having a body-facing surface, a first end region and a second end region. The feminine hygiene article is for placement in an undergarment having a crotch portion bounded on opposite sides by portions of curved leg openings, the feminine hygiene article comprising at least one functional enhancement indicator visible from said body-facing surface, the functional enhancement indicator corresponding to at least one functionally-enhanced portion of the feminine hygiene article. The feminine hygiene article can be a sanitary napkin, a pant liner, or an incontinence pad.

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### **Egyptian Patent Office**



- (22) 26/11/2008
- (21) 1919/2008
- (44) April 2011
- (45) 11/10/2011
- (11) 25183

(51)	Int. Cl. 8 C08F 283/06 & C11D 3/37	
(71)	1. THE PROCTER & GAMBLE COMPAND 2. 3.	Y (UNITED STATES OF AMERICA)
(72)	<ol> <li>BOECKH, Dieter</li> <li>HERRERA TABOADA, Lidcay</li> <li>KAVARNOU-SEILER, Asimina</li> </ol>	4. KONRAD, Gerd 5. REINHARD, Birgit 6. CASADO DOMINGUEZ, Arturo Luis
(73)	1. 2.	
(30)	1. (EP) 06114756,7 - 31/05/2006 2. (PCT/EP2007/055198) - 29/05/2007 3.	
(74)	HODA ANIS SERAG EDDIN	
(12)	Patent	

## (54) CLEANING COMPOSITIONS WITH AMPHIPHILIC GRAFT POLYMERS BASED ON POLYALKYLENE OXIDES AND VINYL ESTERS

### Patent Period Started From 29/05/2007 and Will end in 28/05/2027

(57) Laundry detergent and cleaning compositions comprising amphiphilic graft polymers based on water-soluble polyalkylene oxides (A) as a graft base and side chains formed by polymerization of a vinyl ester component (B), said polymers having an average of ?1 graft site per 50 alkylene oxide units and mean molar masses Mw of from 3000 to 100,000.



<b>(22)</b>	12/08/2009
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(21) 1223/2009

(44) April 2011

(45) 12/10/2011

(11) 25184

(51)	Int. Cl. 8 H01H 9/26
(71)	1. ZHEJIANG CHINT ELECTRICS CO., LTD (CHINA) 2. 3.
(72)	<ol> <li>WANG, Haiyuan</li> <li>ZHANG, Yali</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (CN) 200710003597,5 - 12/02/2007 2. (PCT/CN2008/000301) - 04/02/2008 3.
(74)	MAHMOUD RAGII ELDEKY
(12)	Patent

### (54) A LOW VOLTAGE APPARATUS HAVING MECHANICAL INTERLOCKING MEANS

### Patent Period Started From 04/02/2008 and Will end in 03/02/2028

(57) A low voltage apparatus includes a mechanical interlock, which comprises at least two contactors, wherein every contactor includes a base, a support, a top cover and a contact holding sliding part in the base. Two contactors which are arranged in parallel both have one mechanical interlock, which includes an interlocking element. The shaft of the interlocking element may rotate in the groove of the base. By the swinging of the interlocking element, a tentacle of the interlocking element extends into the locking aperture of the contact holding sliding part, thereby preventing the connecting action of the contact holding sliding part.

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### **Egyptian Patent Office**



- (22) 23/01/2006
- (21) PCT/NA2006/000075
- (44) | Mares 2011
- (45) 16/10/2011
- (11) 25185

(51)	Int. Cl. 8 C07D 401/04, 417/14 & A61K 31/454 & A61P 29/00, 13/00
(71)	1. EURO CELTIQUE S.A. (LUXEMBOURG) 2. 3.
(72)	1. SUN, Qun 2. WEN, Kate 3.
(73)	1. 2.
(30)	1. (US) 60/489.516 – 24/07/2003 2. (PCT/US2004/023914) – 23/07/2004 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) HETEROARYLTETRAHYDROPIPERIDYL COMPOUNDS USEFUL FOR TREATING OR PREVENTING PAIN

### Patent Period Started From 23/07/2004 and Will end in 22/07/2024

(57) A compound of formula (I): where Ar1, Ar2, X, R3, and m are as disclosed herein or a pharmaceutically acceptable salt thereof (a Tetrahydropiperidyl Compound); compositions comprising an effective amount of a Tetrahydropiperidyl Compound; and methods for treating or preventing pain, UI, an ulcer, IBD, IBS, an addictive disorder, Parkinson's disease, parkinsonism, anxiety, epilepsy, stroke, a seizure, a pruritic condition, psychosis, a cognitive disorder, a memory deficit, restricted brain function, Huntington's chorea, amyotrophic lateral sclerosis, dementia, retinopathy, a muscle spasm, a migraine, vomiting, dyskinesia, or depression in an animal comprising administering to an animal in need thereof an effective amount of a Tetrahydropiperidyl Compound are disclosed herein.



<b>(22)</b>	27/08/2008
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(21) |5441/2008

(44) April 2011

(45) 16/10/2011

(11) 25186

(51)	Int. Cl. <sup>8</sup> A61M 1/06, 1/00
(71)	1. KAWECO GMBH (GERMANY) 2. 3.
(72)	1. KIRCHNER, Hansjorg 2. 3.
(73)	1. 2.
(30)	1. (DE)102006009692.4 - 02/03/2006 2. (PCT/EP2007/001345) - 16/02/2007 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) DEVICE FOR EXPRESSING MILK

### Patent Period Started From 16/02/2007 and Will end in 15/02/2027

(57) The invention relates to a device for expressing milk, with a vacuum-generating unit, which comprises a drive motor and a vacuum-generating device, with a switching unit, which is linked to the vacuum-generating unit and determines the suction cycles via a rotatably driven switching member, and with at least one milk expression attachment, which is or can be brought into flow communication therewith and which comprises a suction funnel, that can be placed on the breast, and a milk collection receptacle. A compact design with reliable function is achieved by the switching member being coupled to the drive motor of the vacuum-generating unit via a transmission for the rotary drive

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- (22) 11/03/2009
- (21) 0319/2009
- (44) April 2011
- (45) 16/10/2011
- (11) 25187

Int. Cl. 8 H05B 37/02
1. EDELCOM (FRANCE) 2. 3.
<ol> <li>DURANTON , René</li> <li>3.</li> </ol>
1. 2.
1. (FR) 0608059 - 14/09/2006 2. (PCT/FR2007/001464) - 11/09/2007 3.
NADIA HAROUN , MAGDA HAROUN Patent

### (54) METHOD AND DEVICE FOR TRANSMITTING INFORMATION OVER A COMPLEX NETWORK

#### Patent Period Started From 11/09/2007 and Will end in 10/09/2027

(57) The method according to the invention comprises, on the one hand, the prior allocation to each module (Mx), liable to be concerned with the messages transmitted over the network, of an identifier and, during the installation of this module (Mx) on the network, the association with this identifier of data relating to the geographical position of the place where this module (Mx) is installed, in such a way as to be able thereafter to tag the location of the module independently of its position in the network and, on the other hand, during the sending over the network of a message destined for a module (Mx), the recognition of this message by the modules (Mx) able to receive the message and the systematic and synchronous repetition of this message by the modules that have recognized the message, until the message is transmitted over the whole network and all the modules (Mx) receive and resend the message at least once.

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### **Egyptian Patent Office**



- (22) 06/04/2008
- (21) |580/2008
- (44) April 2011
- (45) 17/10/2011
- (11) 25188

(51)	Int. Cl. <sup>8</sup> B65D 83/04
(71)	<ol> <li>CHINOIN GYOGYSZER ES VEGYESZETI TERMEKEK GYARA ZRT (HUNGARY)</li> <li>3.</li> </ol>
(72)	1. ERDELYI, ZOLTAN 2. BENCZ, ZOLTAN 3. MEZEI, JANOS
(73)	1. 2.
(30)	1. (HU) 90500919 – 05/10/2005 2. (PCT/HU2006/000083) – 26/09/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) DEVICE FOR THE PACKAGING AND DISPENSING OF SOLID SHAPED BODIES, ESPECIALLY ORAL TABLETS OR/AND CAPSULES

### Patent Period Started From 26/09/2006 and Will end in 25/09/2026

(57) The invention relates to a device for the packaging and dispensing of solid shaped bodies, especially oral tablets or/and capsules, which device has a container sealed with a cap suitable for storing shaped bodies, a dispensing opening, and tools forwarding the shaped bodies from the inside of the container to the dispensing opening. The container is constructed in a house in a way that it can be moved like a piston against elastic returning force. The dispensing opening is situated in the bottom of the house; when the device is in a position when it is not used for dispensing, the endpart of the container, with an opening for releasing one shaped body at a time situated opposite the end of the container sealed with a cap, fits into the dispensing opening by sealing it, and it is constructed in a way that in the course of the dispensing operations it makes it possible to dispense favourably one shaped body at a time outside of the house.

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### **Egyptian Patent Office**



- (22) 14/05/2009
- (21) 000713/2009
- (44) April 2011
- (45) 17/10/2011
- (11) 25189

(51)	Int. Cl. A61M3/315	
(71)	1. SANOFI- AVENTIS DEUTSCHLAND GMBH 2. 3.	( GERMANY )
(72)	<ol> <li>BOYD, Malcom</li> <li>LETHAM, Richard</li> <li>PLUMPTRE, David</li> </ol>	4. VEASEY, Robert 5. MAY, James
(73)	1. 2.	
(30)	1. (EP) 06023951.4 – 17/11/2006 2. (PCT/EP2007/009676) – 08/11/2007 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

## (54) IMPROVEMENTS IN AND RELATING TO DRIVE MECHANISMS SUITABLE FOR USE IN DRUG DELIVERY DEVICES

### Patent Period Started From 08/11/2007 and Will end in 07/11/2027

(57) A drive mechanism for use in a drug delivery device comprising: a housing; a drive member movable longitudinally and non-rotatable with respect to the housing; a piston rod that is non-rotatable with respect to the housing and having at least one set of teeth, a rotating means releasabty engaged with the piston rod and engaged to the drive member and engaged to the housing wherein the rotating means is selected from the group of (I) to (ii), (i) a gear the axle of which is engaged with the set of teeth of the piston rod, (ii) a pulley comprising a belt and a wheel the axle of which is engaged with the set of teeth of the piston rod; characterized in that, a) when the drive member moves proximally with respect to the housing the rotating means moves proximally with respect to the piston rod; b) when the drive member moves distally the rotating means moves distally displacing the piston rod towards the distal end of the device.

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

### **Egyptian Patent Office**



- (22) 26/05/2008
- (21) 0868/2008
- (44) May 2011
- (45) 25/10/2011
- (11) 25190

(51)	Int. Cl. 8 H01R 43/20, H05K 13/04
(71)	1. MOHAMED EID ABD EL AZEEM ABD EI NABI (EGYPT) 2. 3.
(72)	1. MOHAMED EID ABD EL AZEEM ABD EI NABI 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

### (54) EASY STAND FOR HOT AIR

### Patent Period Started From 26/05/2008 and Will end in 25/05/2028

- (57) It makes repairing and fixing mobile phones very easy as we can insert and remove any piece easily Advantages:
  - 1- easy to use
  - 2- doesn't occupy big space
  - 3- works by electricity 220 volt 4- low cost 5-Controlled Hot Air on I C to be change.

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- (22) 25/12//2008
- (21) |8802/2008
- (44) | April 2011
- (45) 25/10/2011
- (11) 25191

(51)	Int. Cl. 8 B21D 51/26, B65D 1/16
(71)	1. ALCOA INC. (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>MYERS, Gary , L.</li> <li>FEDUSA, Anthony , J.</li> <li>DICK , Robert , E.</li> </ol>
(73)	1. 2.
(30)	1. (US) 11/474,581 – 26/06/2006 2. (PCT/US2007/070083) – 31/05/2007 3. (PCT/US2007/072091) – 26/06/2007
(74)	SMAS FOR INTELLECTUAL PROPRTY
(12)	Patent

### (54) METHOD OF MANUFACTURING CONTAINERS Patent Period Started From 26/06/2007 and Will end in 25/06/2027

(57) Method for manufacturing containers including providing a container having a first diameter expanding the diameter of the container to a second diameter with at least one expansion die is disclosed. Expansion dies can be used to expand the diameter of a container. Multiple expansion dies can be used to gradually expand the diameter of the container without significantly damaging the container. The container can then be formed to accept a closure.



(22) 30/03/2006

(21) PCT/NA2006/000309

(44) | April 2011

(45) 25/10/2011

(11) 25192

mad republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology
<b>Egyptian Patent Office</b>

(51)	Int. Cl. 8 C22B 5/10
(71)	1. CORUS TECHNOLOGY BV (NETHERLANDS) 2. 3.
(72)	1. KOOIJ, Christian, Johannes 2. 3.
(73)	1. 2.
(30)	1. (EP) 03078074,6 - 03/10/2003 2. (EP) 04075552,2 - 23/02/2004 3. (PCT/EP2004/11345) - 01/10/2004
(74)	MAHMOUD RAGII ELDEKY
(12)	Patent

### (54) METHOD OF EXTRACTING IRON-OXIDES Patent Period Started From 01/10/2004 and Will end in 30/09/2024

(57) The present invention relates to a method of reducing a metal-oxygen compound wherein carbon acts as a reducing agent, comprising in a first reaction stage, passing CO gas into a reaction chamber containing said metal-oxygen compound, under conditions such that CO is converted to solid carbon and carbon dioxide thereby introducing the solid carbon so formed to said metal-oxygen compound, and in a second reaction stage, causing said carbon, which is introduced to the metal-oxygen compound in said first reaction stage, to reduce said metal-oxygen compound, wherein there is present, at least in said second reaction stage, a first promoter material effective to promote the reduction of said metal-oxygen compound, the first promoter material comprising a first promoter metal and/or a compound of a first promoter metal.



(22) 24/08/2008

**(21)** 1422/2008

(44) April 2011

(45) 25/10/2011

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Arab Republic of Egypt	ſ	
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Academy of Scientific Research & Technology		
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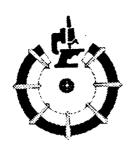
(51)	Int. Cl. 8 A01G 9/24 & F24F 3/14
(71)	1. BIOLAN OY (FINLAND) 2. 3.
(72)	<ol> <li>HAUKIOJA, Markku</li> <li>HUTTUNEN, Jukka</li> <li>HUHTA-KOIVISTO, Esko</li> </ol>
(73)	1. NOVARBO OY (FINLAND) 2.
(30)	1. (FI) 20065153 - 08/03/2006 2. (PCT/FI2007/050121) - 06/03/2007 3.
(74)	MAHMOUD RAGII ELDEKY
(12)	Patent

### AN ARRANGEMENT AND METHOD FOR DEHUMIDIFYING **(54)** GREENHOUSE AIR AND A GREENHOUSE

### Patent Period Started From 06/03/2007 and Will end in 05/03/2027

(57) A system for drying and cooling greenhouse air, the system comprising water distribution means (1), by means of which water cooler than the dewpoint temperature of the greenhouse can be sprayed directly into its the air space without separate condenser chambers, structures and fans.

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



## GRANTED PATENTS' ABSTRACTS GAZETTE "PATENTS ISSUED IN NOVEMBER 2011"

**Egyptian Patent Office** 

Issue No 187 December 2011



Mervet Tawfik Abd Allah Hoda Galal Abdou

> Revised by

Azza Abd Allah Abou EI - Naga Magdy Hassan Madbooly

Supervised by

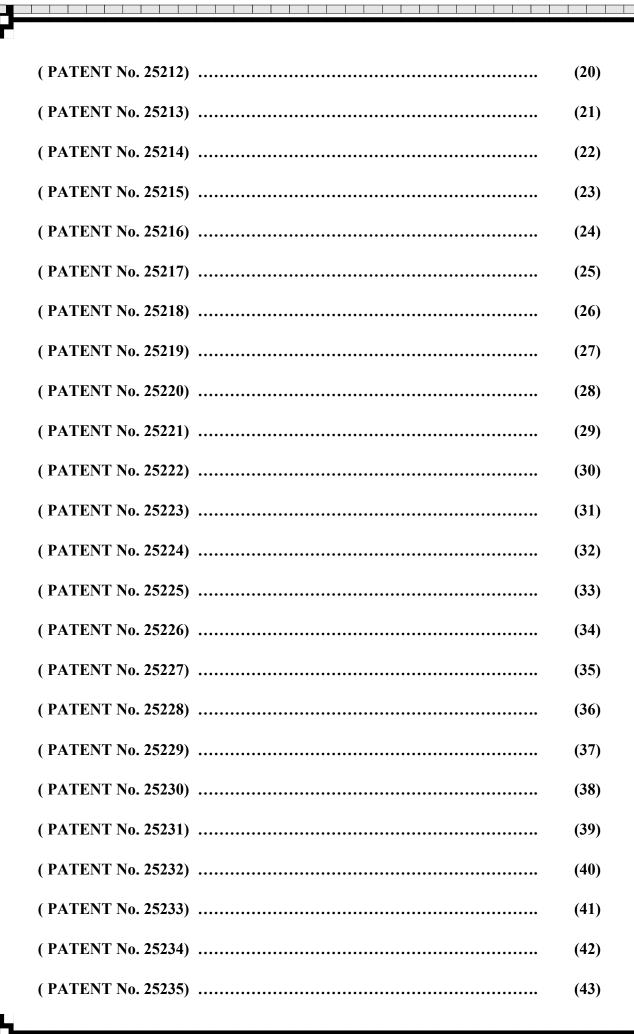
Mr. Adel El- Saeid Oweide

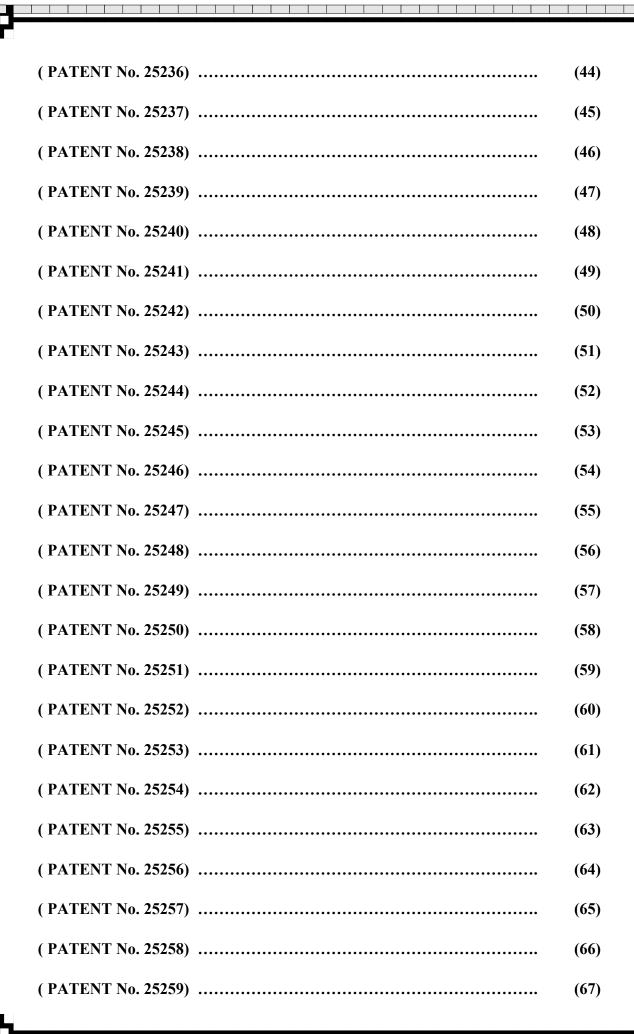
**Acting President of Patent Office** 

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### **Preface**

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

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

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

**Acting President of Patent Office** 

Mr. Adel El-Saeid Oweide

### Bibliographic data

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>	
Code	Country
AE	United Arab emairates
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EG	Egypt
EP	European Patant Office
ES	Spain
ET	Ethiopia
FI	Finland
FR	France
GA	Gabon
GB	United Kingdom
GCC	Gulf Co-Operation Cauncile
GD	Grenada
GE	Georgia
GH	Ghana
GM	Gambia
GN	Guinea
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GT	Guatemala
GW	Guinea-Bissau
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HK	Hong Kong
HN	Honduras
HR	Croatia
HU	Hungary
ID	Indonisia
ΙE	Ireland

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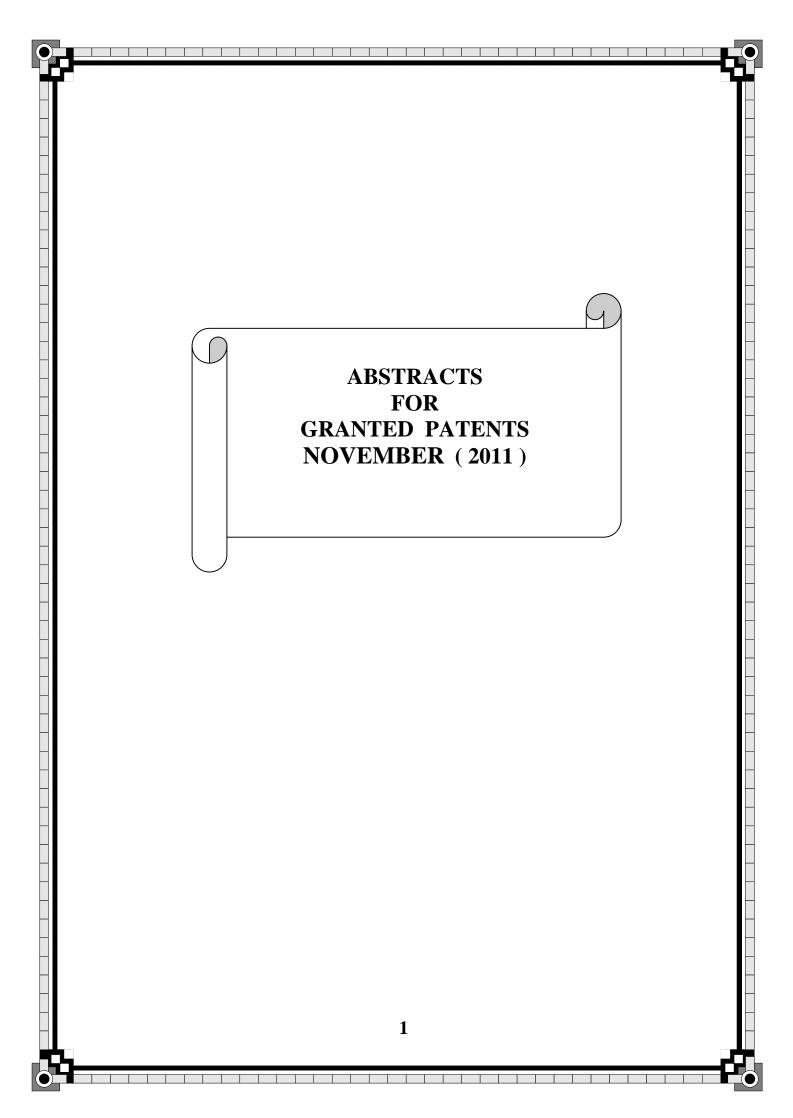
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KZ	Kozakhstan
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MG	Madagascar

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RW	Rwanda
SA	Saudi Arabia

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

Code	Country
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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**



- (22) 20/07/2008
- (21) 1216/2008
- (44) February 2011
- (45) 01/11/2011
- (11) 25194

(51)	Int. Cl. <sup>8</sup> B63H 1/30	
(71)	<ol> <li>LIQUID ROBOTICS INCORPORATE</li> <li>3.</li> </ol>	D ( UNITED STATES OF AMERICA )
(72)	<ol> <li>HINE , Roger G.</li> <li>HINE , Derek L.</li> <li>RIZZI , Joseph D.</li> </ol>	<ul><li>4. KIESOW, Kurt, A., F.</li><li>5. ROBERT, Burcham</li><li>6. STYTZ, William A.</li></ul>
(73)	1. 2.	,
(30)	1. (US) 60/760,893 – 20/01/2006 2. (US) 11/436,447 – 18/05/2006 3. (US) 60/841,834 – 01/09/2006 4. (PCT/US 2007/001139) - 18/01/2007	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

## (54) WAVE POWER Patent Period Started 18/01/2007 From and Will end in 17/01/2027

(57) A wave-powered water vehicle includes a surface float, a submerged swimmer, and a tether which connects the float and the swimmer, so that the swimmer moves up and down as a result of wave motion. The swimmer includes one or more fins which interact with the water as the swimmer moves up and down, and generate forces which propel the vehicle forward. The vehicle, which need not be manned, can carry communication and control equipment so that it can follow a course directed by signals sent to it, and so that it can record or transmit data from sensors on the vehicle.

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

### **Egyptian Patent Office**



(22) 30/04/2009

(21) | • ↑ ↑ ↑ / 2009

(44) March 2011

(45) | \( \strict{\sqrt{11/2011}} \)

(11) 25195

(51)	Int. Cl. 8 B01D 61/36, 63/00, 63/08 & C021	F 1/04 , 1/44
(71)	1. NEDERLANDSE ORGANISATIE VOO 2. ONDERZOEK TNO (NETHERLANDS 3.	OR TOEGEPASTNATUURWETENSCHAPPELIJK
(72)	<ol> <li>ASSINK, Jan Willem</li> <li>HANEMAAIJER, Jan, Hendrik</li> <li>JANSEN, Albert, Edward</li> <li>VAN MEDEVOORT, Jolanda</li> </ol>	<ul><li>4. DE JONG, Hans</li><li>5. VAN SONSBEEK, Eric</li><li>6. KOELE, Engelbert Peter Jurrie Jan</li></ul>
(73)	1. 2.	
(30)	1. (EP) 06076956,9 – 31/10/2006 2. (PCT/NL2007/050024) – 31/10/2007 3.	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

## (54) MEMBRANE DISTILLATION METHOD FOR THE PURIFICATION OF A LIQUID

#### Patent Period Started 31/10/2007 From and Will end in 30/10/2027

(57) The invention provides a method for the purification of a liquid by membrane distillation comprising: passing a heated vapourising stream of a liquid (retentate stream) through a retentate channel along a porous hydrophobic membrane, whereby vapour of the liquid flows via the pores of the membrane to the other side of said membrane, and condensing said vapour on the other side of said membrane to give a distillate stream in a distillate channel which distillate is created by passing the heat of condensation (latent heat) towards a condenser surface, said condenser surface forming a non-porous separation between a feed stream of the liquid to be purified and said distillate stream, which feed stream is passed through a feed channel in counter-current with the retentate stream, in which feed channel a space material is arranged whereby at least part of the latent heat is transferred via the condenser surface to the feed stream, and whereby a positive liquid pressure difference is applied between the retentate stream and the feed stream at the corresponding points of the retentate channel and the feed channel over at least a part of each of the retentate channel and feed channel. The invention further provides an apparatus suitable for use in said method.

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

### **Egyptian Patent Office**



- (22) 17/06/2007
- (21) PCT/NA2007/000604
- (44) May 2011
- (11) 25196

(51)	Int. Cl. 8 C07C 17/02, 17/156, 19/08, 17/25, 21/06 & C08F 14/06
(71)	1. SOLVAY (BELGIUM) 2. 3.
(72)	<ol> <li>BALTHASART, Dominique</li> <li>STREBELLE, Michel</li> <li>LEMPEREUR, Michel</li> </ol>
(73)	1. 2.
(30)	1. (FR) 0413873- 23/12/2004 2. (FR) · • · * * * • ± - 01/04/2005 3. (FR) · • · * * * • * - 01/04/2005 4. (PCT/EP 2005/057045) - 21/12/2005
(74)	WAGDY NABEH AZIZ
(12)	Patent

#### PROCESS FOR THE MANUFACTURE OF 1,2-DICHLOROETHANE

#### Patent Period Started 21/12/2005 From and Will end in 20/12/2025

(57) Process for the manufacture of 1,2-dichloroethane starting with a hydrocarbon source according to which :a) the hydrocarbon source is subjected to cracking which produces a mixture of products containing ethylene and other constituents; b) the mixture of products containing ethylene is conveyed to at least one storage reservoir; c) a chlorination reactor and/or an ox chlorination reactor is (are) supplied with the previously stored mixture of products containing ethylene, in which reactors most of the ethylene present is converted to 1,2-dichloroethane;d) the 1,2-dichloroethane obtained is separated from the streams of products derived from the chlorination and ox chlorination reactors.

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- (22) 17/06/2007
- (21) PCT/NA2007/000605
- (44) | May 2011
- (11) 25197

(51)	Int. Cl. C07C 17/02, 17/156, 19.045, 17/25, 21/06 & C08F 14/06
(71)	1. SOLVAY (BELGIUM) 2. 3.
(72)	<ol> <li>STREBELLE, Michel</li> <li>BALTHASART, Dominique</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (FR) 04,13873 - 23/12/2004 2. (FR) 05M03252 - 01/04/2005 3. (FR) 05,03253 - Y · · · · / · · · / · · · / · · · · · ·
(74)	WAGDY NABEH AZIZ
(12)	Patent

#### PROCESS FOR THE MANUFACTURE OF 1, 2-DICHLOROETHANE

#### Patent Period Started From 21/12/2005 and Will end in 20/12/2025

(57) Process for the manufacture of 1,2-dichloroethane starting with a hydrocarbon source according to which: a) the hydrocarbon source is subjected to a first cracking step, namely a pyrolysis step carried out in a cracking oven, thus producing a mixture of cracking products; b) the said mixture of cracking products is subjected to a succession of treatment steps which make it possible to obtain a mixture of products containing ethylene and other constituents, among which an aqueous quenching step, an alkaline washing step aimed at removing at least most of the carbon dioxide generating an alkaline solution and an oxidation step aimed at removing the hydrogen sulphide contained in the mixture of cracking products; c) the mixture of products containing ethylene derived from step b) is separated into at least one fraction containing ethylene and into a heavy fraction; d) the fraction(s) containing ethylene is (are) conveyed to a chlorination reactor and/or an oxychlorination reactor, in which reactors most of the ethylene present is converted to 1,2 dichloroethane; e) the 1,2dichloroethane obtained is separated from the streams of products derived from the chlorination and oxychlorination reactors.

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



(22) 04/12/2008

(21) 1947/2008

(44) | May 2011

(11) 25198

(51)	Int. Cl. <sup>8</sup> B65G 15/08, 15/40 & B01D 33/64, 43/00, 33/056
(71)	1. Z-FILTER PTY LTD ( AUSTRALIA ) 2. 3.
(72)	<ol> <li>GRAHAM , Neil , Deryck , Bray</li> <li>GRAHAM , Arthur , Derrick , Bray</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (AU) 2006903180 – 13/06/2006 2. (PCT/AU2007/000820) – 13/06/2007 3.
(74)	WAGDY NABEH AZIZ
(12)	Patent

## (54) MATERIALS HANDLING AND TREATMENTS Patent Period Started From 13/06/2007 and Will end in 12/06/2027

(57) A belt filter apparatus for treating material to separate solid and liquid components thereof. The apparatus comprises an endless belt structure adapted to circulate along a path incorporating guide roller structures around which the belt structure passes. The endless belt structure comprises an elongate belt portion formed of water permeable material. The belt portion has two opposed longitudinal edges. The endless belt structure further comprises a zipper for releasable connecting the two longitudinal edges together so as to form a tubular structure having a flexible side wall. The circulating path includes an assembly zone at which the longitudinal edges of the belt portion are brought together and interconnected by way of the zipper to form the tubular structure, and a disassembly zone at which the zipper is released to separate the longitudinal edges and the tubular structure subsequently opened. Means are provided for compressing the tubular structure along a portion thereof to express liquid from the material contained in the tubular structure. The liquid so released can discharge from the tubular structure through the water permeable belt portion.



(22) 31/01/2010

(21) 0160/2010

Ministry of State for Scientific Research cademy of Scientific Research & Technology  Egyptian Patent Office	₩. P. P.	(44) (45) (11)	May 2011 \ \ \ \ \ /11/2011 25199
51) Int. Cl. <sup>8</sup> B21B 1/46			

(51)	Int. Cl. <sup>8</sup> B21B 1/46
(71)	1. SMS SIEMAG AG ( GERMANY ) 2. 3.
(72)	<ol> <li>SEIDEL, Jürgen</li> <li>SUDAU, Peter</li> <li>HOF, Hartmut</li> </ol> 4. PETERS, Matthias
(73)	1. 2.
(30)	1. (DE) 102007043817,8 – 13/09/2007 2. (DE) 102007044649,9 – 18/09/2007 3. (DE) 102007048116,2 – 05/10/2007 4. (DE) 102008003222,0 – 04/01/2008 5. (PCT/EP2008/007238) – 04/09/2008
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### COMPACT, FLEXIBLE CSP FACILITY FOR CONTINUOUS, (54)SEMI-CONTINUOUS AND BATCH OPERATION Patent Period Started 04/09/2008 From and Will end in 03/09/2028

(57) The invention relates to a compact, flexible CSP facility for continuous, semi-continuous and batch operation, comprising a casting machine, a roughing stand group and a finishing stand group wherein a coil store which stores the rough strip or slab coming from the roughing stand is integrated in the roller table for batch or semi-continuous operation, wherein the coil store is deactivated in continuous operation. The coil store is designed to hold an increased quantity of rough strips or slabs in such a way that two, three or more rough strips or slabs can be wound onto a coil to form jumbo coils.

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

#### **Egyptian Patent Office**



- (22) 06/01/2007
- (21) PCT/NA2007/001210
- (44) May 2011
- (11) 25200

(51)	Int. Cl. 8 CO8F 220/06, 2/44 & CO5D 9/00
(71)	1. GEOHUMUS INTERNATIONAL RESEARCH & DEVELOPMENT GMBH & CO.KG 2. (GERMANY) 3.
(72)	<ol> <li>BENTLAGE, Wulf</li> <li>PEPPMÖLLER, Reinmar</li> <li>KUNSTMANN, Jürgen ZINDEL, Oliver</li> </ol>
(73)	1. 2.
(30)	1. (DE) 1020005021221,2 - 07/05/2005 2. (PCT/EP2006/003053) - 04/04/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) WATER-SWELLABLE HYBRID MATERIAL WITH INORGANIC ADDITIVES AND PROCESS FOR ITS PREPARATION

#### Patent Period Started 04/04/2006 From and Will end in 03/04/2026

(57) The present invention relates to a water-swellable hybrid material comprising a structurally crosslinked polymer matrix and inorganic particulate solids bound therein, having a time-dependent swelling behaviour corresponding to an uptake of water of at least 7.5 times the hybrid material's own weight within one hour, and also to its uses. The present invention further relates to a process for preparing this water-swellable hybrid material.



(22) 22/08/2007

Arab Republic of Egypt  Ministry of State for Scientific Research  Academy of Scientific Research & Technology  Egyptian Patent Office  (21)   PCT/NA2007/001210    (44)   May 2011    (5)   1/2011    (45)   1/2011
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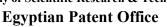
(51)	Int. Cl. 8 C07D 285/06, C07D 285/13, A01N 43/828, A01N 43/836, A01N 43/66	
(71)	1. NIHON NOHYAKU CO., LTD(JAPAN) 2. 3.	
(72)	1. KUNIHISA, Umetani	
, ,	2. TAKASHI, Shimaoka	
	3. MINORU, Yamaguchi	
	MASATSUGU, Oda	
(73)	1. 2.	
(30)	1. (JP) 2005-049431 – 24/02/2005 & 2005-263617 – 12/09/2005	
(3 4)	2. (PCT/JP2006/303313) – 23/02/2006	
	<b>3.</b>	
(74)	SAMAR AHMED EL LABBAD	
(12)	Patent	

#### -CYCLOPROPYL-1,2,3-THIADIAZOLE COMPOUND, (54)AGROHORTICULTURAL PLANT DISEASE CONTROLLING AGENT AND METHOD OF USING THE SAME

#### Patent Period Started 23/02/2006 From and Will end in 22/02/2026

(57) There are provided 1,2,3-thiadiazole compounds, or salts thereof, represented by the formula: (I) wherein each of R1, R2, R3, R4 and R5 is H, a halogen, CN, an alkyl, an alkoxyalkyl, an aryl, an arylalkyl, an alkylcarbonyl, etc.; and R6 is -C(=W1)YR7 (wherein R7 is H, an alkyl, an alkenyl, phenylcarbonyl, a heterocyclic carbonyl, an arylsulfonyl, etc.; Y is O, S, -N(R11)- or -N(R11)O- (wherein R11 is H, an alkyl, a cycloalkyl, a substituted phenyl, etc.), etc.; and W1 is O or S). The characters of the formula are specifically defined in the description. Further, there is provided an agrohorticultural plant disease controlling agent comprising any of these compounds as an active ingredient.

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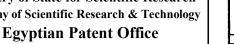
- (22) 08/10/2007
- (21) PCT/NA2007/001076
- (44) November 2011
- (11) 25202

	0
(51)	Int. Cl. <sup>8</sup> H01H 9/18
(01)	
<b>(71)</b>	1. BTICINO S. P. A (ITALY)
(11)	
	2.
	3.
(72)	1. FABRIZI, Fabrizio
<b>(72)</b>	
	2.
	3.
(73)	1.
()	2.
(30)	1. (IT) $(RM2005A000164) - 07/04/2005$
(00)	2. (PCT/IT2006/000217) – 03/04/2006
	3.
(74)	HODA ANIS SERAG EDDIN
(74)	HODELING EDDEN
(12)	Patent
(14)	1 40040

## (54) SUPPORT FRAME FOR ELECTRICAL OPPARATUSES Patent Period Started From 03/04/2006 and Will end in 02/04/2013

(57) The present invention refers to a support farm for wall-mooting one or more electrical apparatuses, the frame comprising a farm body that can be fixed to a wall and extending around an opening defining a mounting seat suitable for receiving and holding one or more electrical apparatuses. The support farm is characterized in that it also includes at least one optical source suitable for generating an optical signal an electrical circuit connected to said optical source to supply it with an electrical power supply signal means for housing said electrical circuit and said source foreseen in said farm body, the farm body allowing the propagation of at least one part of said optical signal towards the outside of said body.

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





- (22) 08/10/2007
- PCT/NA2007/001074 **(21)**
- (44) November 2011
- 1 \$ /11/2011 (45)
- (11)25203

(51)	Int. Cl. 7 H02G 3/14	
(71)	1. BTICINO S. P. A (ITALY) 2. 3.	
(72)	<ol> <li>FABRIZI, Fabrizio</li> <li>DE AMBROGGI, Renato</li> <li>PIANEZZOLA, Enrico</li> </ol>	4. CALDERARA, Ennio
(73)	1. 2.	
(30)	1. (IT) (RM2005A000162) – 07/04/2005 2. (PCT/IT2006/000216) – 03/04/2006 3.	
(74)	HODA ANIS SERAG EDDIN	
(12)	Patent	

### SUPPORT FRAME AND GROUP OF PARTS, INCLUDING SUCH FRAM FOR WALL- MOUNTING AN ELECTRICAL OPPARATUS

#### Patent Period Started 03/04/2006 From and Will end in 02/04/2026

(57) The present invention refers to a support frame for wall - mounting at least one electrical apparatus, the frame comprising a frame body fixable to the wall and developing about a window defining amounting seat adapted for receiving and holding said at least one electrical apparatus and fixing means for removably fixing a cover plate to the support frame. The support freame is characterised in that fixing means includes at an least one fixing channel exhibiting an end hointed to an opening obtained in the frame body, the fixing channel being such as to be capable of receiving. through the opening, a coresponding fixing tongue, provided in the cover plate, the fixing channel including therein relief means that can face a surface of the tongue and pushing means adapted for acting on the fixing tongue for engaging pressure-wise said surface of the tongue against said relief means of the channel.

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

**Egyptian Patent Office** 

Patent

(12)



- (22) 14/06/2005
- (21) PCT/NA2005/000295
- (44) | April 2011
- (11) 25204

(51)	Int. Cl. <sup>8</sup> A61K 31/55 & A61P 25/00 & CO7D 40 413/12, 471/04, 491/04, 403/14, 223/16,	1/14, 413/14, 417/14, 409/14, 417/12, 409/12, 401/12, 403/12.	
(71)	1. GLAXO GROUP LIMITED ( UNITED KINGDOM ) 2. 3.		
(72)	<ol> <li>BAMFORD, Mark, James</li> <li>DEAN, David, Kenneth</li> <li>SEHMI, Sanjeet, Singh</li> </ol>	4. WILSON, David, Matthew 5. WITHERINGTON, Jason	
(73)	1. 2.		
(30)	1. (GB) 0229820,6 - 20/12/2002 2. (GB) 0312607,5 - 02/06/2003 3. (PCT/EP2003/014556) - 18/12/2003		
(74)	HODA ANIS SERAG EDDIN		

## (54) BENZO DIAZEPINE DERIVATIVES FOR THE TREATMENT OF NEUROLOGIAL DISORDERS

## Patent Period Started From granted patent date and Will end in 17/12/2023

(57) The present invention relates to benzazepine derivatives of formula (I) wherein: R1 represents -C3-7 cycloalkyl optionally substituted by C1-3 alkyl; having pharmacological activity, processes for their preparation, to compositions containing them and to their use in the treatment of neurological and psychiatric disorders.

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(22) 30/07/2008

**(21)** 1294/2008

(44) November 2010

1 \$/11/2011 (45)

(11)25205

(51)	Int. Cl. <sup>8</sup> H02G 3/14
(71)	1. BTICINO S. P. A (ITALY) 2. 3.
(72)	<ol> <li>FABRIZI, Fabrizio</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (IT) (RM 2006 A 000099) – 27/02/2006 2. (PCT/IT2007/000062) – 31/01/2007 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

### (54) DEVICE FOR PROTECTING ELECTRICAL APPARATUS AND A **GROUP OF PATS INCLUDING SAID DEVICE**

#### Patent Period Started From 31/01/2007 and Will end in 31/01/2027

(57) Protection device for protecting at least one electrical apparatus which can fixed to a wall by means of a supporting frame including a main body provided with at least one mounting window suitable to receive said electrical apparatus, characterized in that the protraction device includes: a base part, removable applied to the supporting frame provided with at least one through opening suitable to interact with said at least mounting window: and - protective part, connected to the base part, surrounding the through opening so as to define at least one protection chamber provided with one open side and such as to internally house at least one frontal portion of said electrical apparatus.

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



(22)	01/07/2009
(21)	1 . 7 7/2009
(44)	May 2011
(45)	15/11/2011

Egyptian I atcht Office	(11)	25206
(51) Int. Cl. 8 E02D 29/02		

(51)	Int. Ci. <u>E02D</u> 29/02
(71)	1. HESCO BASTION LIMITED (ENGLAND)
	3.
(72)	1. HESELDEN, James
	2.
	3.
(73)	1.
` /	2.
(30)	1. (GB) 0700001.1 – 02/01/2007
,	2. (PCT/GB 2007/050760) – 17/12/2007
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	GABION DEPLOYMENT	
	Patent Period Started From 17/12/2007 and Will end in 16/12/2027	

(57) gabion deployment system comprising: a container for retaining a gabion and a gabion of the folding type comprising hingedly attached, connected side walls and cross-members such that it can be folded for storage and deployed for use; a retaining means associated with the container for retaining the gabion in the container; and at least one releasable attaching, connecting or retentive engaging means for attaching, connecting or retentively engaging at least one part of the gabion to the retaining means; wherein the at least one releasable attaching, connecting or retentively engaging means is adapted to attach, connect or retentively engage a part of the gabion to the retaining means when the gabion is folded but to release the gabion from the retaining means when the gabion is deployed.

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



<b>(22)</b>	• 9/08/2009	
(21)	1202/2009 May 2011	
(44)	<b>May 2011</b>	

(51)	Int. Cl. <sup>8</sup> E21B 21/01
(71)	1. ENI S.P.A (ITALY) 2. 3.
(72)	<ol> <li>CALDERONI , Angelo</li> <li>GIROLA , Giorgio</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (IT) (MI2007A000228) - 08/02/2007 2. (PCT/EP2008/000817) - 30/01/2008 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) EQUIPMENT FOR INTERCEPTING AND DIVERTING A LIQUID CIRCULATION FLOW

#### Patent Period Started From 30/01/2008 and Will end in 29/01/2028

Equipment for intercepting and diverting a liquid circulation flow, consisting of three flow chambers and a series of valves, said chambers, equipped with connection means with arrival or supply lines, communicating with each other, of which only one (I) communicates with both of the other two (II) (III), the communication between said chambers each being obtained by means of at least two valves of which one is a flowrate valve (Q) and at least one equalizer (E), each equalizer valve (E) being coupled, upstream or downstream thereof, with fixed or adjustable flow-blocking devices (D), the two non- communicating chambers having a valve (V) or a three-way valve in common, or one each, a one-way valve in counterposition, one being open when the other is closed and vice versa, said valve (V) being coupled with a discharge valve (S). L"invention porte sur un équipement permettant d"intercepter et de détourner un flux liquide, comportant trois chambres de flux et une série de vannes. Lesdites chambres sont équipées de moyens de connexion avec des tubulures d'amené ou d'alimentation communiquant entre elles, et dont une seule (I) communique avec les deux autres (II) (III), la communication entre lesdites chambres se faisant via au moins deux vannes dont l'une règle le débit (Q) et l'une au moins (E) est une vanne d'équilibrage (E) couplée côté amont ou côté aval à un obturateur de flux fixe ou réglable (D). Les deux chambres non communicantes comportent une vanne (V) ou une vanne trois voies en commun, ou comportent chacune, une vanne unidirectionnelle en contreposition, l"une étant ouverte quand l'autre est fermée et vice versa, la vanne (V) étant couplée à une vanne de décharge (S).



(22) 11/12/2007

PCT/NA2007/001393 **(21)** 

(44) May 2011

15/11/2011 (45)

25208 (11)

111 to 110 p to 110 of 28, pt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology
<b>Egyptian Patent Office</b>
Academy of Scientific Research & Technology

(51)	Int. Cl. <sup>8</sup> F28D 7/16 & F28F 9/22
(71)	1. SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V. (NETHERLANDS) 2. 3.
(72)	1. MULDER, Dominicus Fredericus 2. 3.
(73)	1. 2.
(30)	1. (EP) 05105629,9 - 23/06/2005 2. (PCT/EP2006/063375) - 21/06/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### ASSEMBLY OF BAFFLES AND SEALS AND METHOD OF (54)ASSEMBLING A HEAT EXCHANGER

#### Patent Period Started From 21/06/2006 and Will end in 20/06/2026

(57) An assembly of baffles and seals for mounting in a heat exchanger shell, comprising a plurality of longitudinal baffles; a plurality of longitudinal seals for sealingly engaging longitudinal rims of the longitudinal baffles against the heat exchanger shell after mounting, and further a wall member that is arranged to extend between longitudinal seals of adjacent longitudinal baffles so as to form a double wall with the heat exchanger shell after mounting. A method of assembling a heat exchanger, comprising providing a heat exchanger shell and an assembly of baffles and seals according to the invention; assembling the assembly of baffles and seals outside the heat exchanger shell and introducing the assembled arrangement into the heat exchanger shell so that each wall member forms a double wall with the heat exchanger shell.

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





<b>(22)</b>	04/08/2008
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(21) 114./2009

(44) | May 2011

(45) \\^5/11/2011

(11) | 25209

(51)	Int. Cl. <sup>8</sup> B29C 59/00, B31B 19/14, 23/00
(71)	<ol> <li>STARLINGER &amp; CO GESELLSCHAFT M.B.H (AUSTRIA)</li> <li>3.</li> </ol>
(72)	<ol> <li>SKOPEK, Peter</li> <li>FÜRST, Herbert</li> </ol>
(73)	1. 2.
(30)	1. (AT) (A188/2007) – 05/02/2007 2. (PCT/AT2008/000036) – 04/02/2008 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) METHOD FOR THE PRODUCTION OF WEB SECTIONS FROM FLEXIBLE WEB MATERIAL, AND FOR THE PRODUCTION OF PACKAGING CONTAINERS

#### Patent Period Started From 04/02/2008 and Will end in 03/02/2028

(57) The invention relates to a method for the production of web sections (2, 12) from a flexible web material (1, 11), wherein the web material is equipped with tear-off lines (3a, 3b; 13) at the distances of the length (L) of the web sections to be formed, the lines weakening the web material, but not effecting a complete separation of the web sections from the web material, and the web sections being separated from the web material along the tear-off lines by tearing. The web material (1, 11) comprises a woven fabric made of stretched plastic strips, and the tear-off lines (3a, 3b; 13) are created by means of laser beam treatment.

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



(22) 07/11/2007

(21) PCT/NA2007/001214

(44) | April 2011

(11) 25210

(51)	Int. Cl. <sup>8</sup> A01N 25/30 A01P 13/00
(71)	<ol> <li>SYNGENTA PARTICIPATIONS AG (SWITZERLAND)</li> <li>3.</li> </ol>
(72)	<ol> <li>RAMACHANDRAN, Ravi</li> <li>SHULKIN, Anna</li> <li>4.</li> </ol>
(73)	1. 2.
(30)	1. (US) 60/679,496 – 10/05/2005 2. (PCT/IB2006/001237) –09/05/2006 3.
(74)	SOHEIR M. JOSEPH, ATTORNEY
(12)	Patent

## (54) HERBICIDAL COMPOSITIONS Patent Period Started From 09/05/2006 and Will end in 08/05/2026

(57) The present invention provides herbicidal compositions comprising broadleaf herbicides and alkyl polyglycosides as well as herbicidal compositions comprising mixtures of broadleaf herbicides, ACCase-inhibiting herbicides and alkyl polyglycosides. The present invention further relates to a method for inhibiting antagonism between broadleaf herbicides and ACCase-inhibiting herbicides when applied post-emergently in compositions containing both classes of herbicides.

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

**Egyptian Patent Office** 



<b>(22)</b>	11/11	/2009

(21) | 1777/2009

(44) May 2011

(45) \\^5/11/2011

(11) 25211

(51)	Int. Cl. 8 A43B 14/08, 7/06, 7/12 & B29D 31/515
(71)	1. EUROSUOLE S.P.A (ITALY) 2. 3.
(72)	<ol> <li>SENSINI, Andrea</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (IT) MC 2007A000114 – 04/06/2007 2. (PCT/EP2008/003460) – 29/04/2008 3.
(74)	MAGDA HAROUN & NADIA HAROUN
(12)	Patent

## (54) MOULD WITH MOBILE INTERMEDIATE SURFACE Patent Period Started From 29/04/2008 and Will end in 28/04/2028

(57) The present invention concerns a mould divided into three parts for the direct moulding of a membrane equipped with a series of suction cups having the particular shape of an open hourglass or of bellows or of a cylinder onto a support made of breathable, waterproof or hydrophilic material positioned on the intermediate mobile part of the mould which is pressed against the lower part of the mould during the moulding phase and raised after moulding has been completed thanks to a series of springs that bring it back to its original position permitting automatic removal of the moulded suction cups without damage to their particular shape.

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- (22) 11/11/2009
- (21) 1777/2009
- (44) May 2011
- (45) \\^5/11/2011
- (11) 25212

Int. Cl. <sup>8</sup> A43B 17/08, 7/06, 7/12 & B29D 31/515
1. EUROSUOLE S.P.A (ITALY) 2. 3.
1. SENSINI, Andrea 2. 3.
1. 2.
1. MC2007A000115 - 04/06/2007 2. (PCT/EP2008/003461) - 29/04/2008 3.
MAGDA HAROUN & NADIA HAROUN Patent
1 2 3 1 2 1 2 3 N

# (54) MEMBRANE WITH SUCTION CUPS HAVING THE SHAPE OF AN OPEN HOURGLASS MOULDED IN FLEXIBLE THERMOPLASTIC MATERIAL ONTO A HYDROPHILIC AND/OR BREATHABLE SUPPORT

#### Patent Period Started From 29/04/2008 and Will end in 28/04/2028

(57) The present invention concerns the footwear sector and more specifically it concerns a membrane to be fitted as an accessory in the front part or covering the entire surface of the footbed of shoe soles consisting of a support in hydrophilic or breathable and waterproof material onto which a series of suction cups having the shape of an open hourglass or of bellows or of a cylinder are directly moulded in flexible thermoplastic material fitted facing the part where the foot rests in order to provide efficacious ventilation and waterproofing of the shoe and greater comfort during walking.

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



(22) 03/05/2009

(21) | • 7 1 9/2009

(44) May 2011

15/11/2011

(11) 25213

**(45)** 

(51)	Int. Cl. <sup>8</sup> A43B 13/42, 7/12 & B29D 31/515
(71)	1. GEOX S.P.A. (ITALY)
` /	2.
	3.
<b>(72)</b>	1. POLEGATO MORETTI, Mario
` /	2.
	3.
(73)	1.
` /	2.
(30)	1. (IT) PD 2006A000437 – 23/11/2006
,	2. (PCT/EP2007/010045) – 20/11/2007
	3.
(74)	MAGDA HAROUN & NADIA HAROUN
(12)	Patent

## (54) VAPOR-PERMEABLE WATERPROOF SOLE FOR SHOES, SHOE WHICH USES SAID SOLE, AND METHOD FOR MANUFACTURING SAID SOLE AND SAID SHOE

#### Patent Period Started From 20/11/2007 and Will end in 19/11/2027

(57) A vapor-permeable and waterproof sole for shoes, comprising: - a tread provided with a plurality of through holes; - a multilayer pack, which is arranged so as to be superimposed on the region where the through holes are provided and comprises a membrane which is permeable to water vapor and impermeable to liquids and a protective layer, which is arranged directly below the membrane. The tread is of the type which is over molded onto the pack; the tread further surrounds the edges, the lower parametric portion and the upper parametric portion of the pack so as to form a parametric seal which is adapted to avoid the rise of liquids. The pack comprises a vapor-permeable or perforated layer-like element, which is arranged directly below the protective layer so as to be superimposed on the region where the through holes are provided; the layer-like element is adapted to avoid the contact of the polymeric material for molding with the protective layer during the step for molding the tread. The layer-like element is further associated with the protective layer, forming with it at least one interface area through which water vapor can flow, the area being adapted to facilitate vapor permeation.



(22) 20/07/2009

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		(11)	25214

(51)	Int. Cl. <sup>8</sup> C07D 301/10
(71)	1. SHELL INTERNATIONA; RESEARCH MAATSCHAPPIJ B.V. (NETHERLANDS) 2. 3.
(72)	<ol> <li>REKERS, Dominicus Maria</li> <li>SMAARDIJK, Abrahm Adriaan</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (EP) 07250250,3 - 22/01/2007 2. (PCT/EP2008/050677) - 22/01/2008 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### PROCESSES FOR THE PRODUCTION OF ETHYLENE OXIDE AND ETHYLENE GLYCOL

#### Patent Period Started From 22/01/2008 and Will end in 21/01/2028

(57) The invention provides a process for the production of ethylene oxide and, optionally, ethylene glycol. A base is added at one or more positions downstream of the quench section of an ethylene oxide absorber to maintain a pH in the range of 5.5 to 9.5. This mitigates corrosion in the ethylene oxide and ethylene glycol plant.-Cette invention a pour objet un procédé de production d'oxyde d'éthylène et, éventuellement, d'éthylène glycol. Une base est ajoutée dans une ou plusieurs positions en aval de la section de quench d'un absorbeur d'oxyde d'éthylène pour maintenir un pH dans la plage de 5,5 à 9,5. Ceci atténue la corrosion dans l'usine d"oxyde d"éthylène et d"éthylène glycol.

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(44) | May 2011

(11) 25215

(51)	Int. Cl. <sup>8</sup> F16L 58/18
(71)	1. OY KWH PIPE AB ( FINLAND ) 2. BOREALIS TECHNOLOGY OY ( FINLAND ) 3.
(72)	<ol> <li>LEIDËN , Leif</li> <li>SJÖBERG , Sven</li> <li>SMATT , Rauno</li> </ol>
(73)	1. 2.
(30)	1. (FI) 07397011,3 - 25/04/2007 2. (PCT/FI 2008/050223) - 24/04/2008 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) METHOD AND APPARATUS FOR COATING PIPES Patent Period Started From 24/04/2008 and Will end in 23/04/2028

(57) Method and apparatus for coating a pipe or a pipe section with a layer of at least one polymer. The method comprises providing a pipe or a pipe section having an outer surface defining the periphery of the pipe or pipe section; applying on the outer surface of the pipe or pipe section a layer of at least one polymer material in melt stage using a nozzle, which is mounted on a carriage capable of travelling along the periphery of the pipe or pipe section; and moving the carriage along at least a part of the periphery during the application of the polymer material to form a layer on the surface of the pipe or pipe section. The present invention is particularly useful for coating field joints in pipelines.



**(22)** 07/07/2009

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**(45)** 17/11/2011

25216 (11)

Arab Republic of Egypt			
Ministry of State for Scientific Research			
Academy of Scientific Research & Technology			
<b>Egyptian Patent Office</b>			

(51)	Int. Cl. <sup>8</sup> C07C 11/09, 7/04
(71)	1. CATALYTIC DISTILLATION TECHNOLOGIES (UNITED STATES OF AMERICA) 2. 3.
(72)	1. CROSS, William, M., Jr. 2. 3.
(73)	1. 2.
(30)	1. (US)11/650,874 - 08/01/2007 2. (PCT/US2007/085406) - 21/11/2007 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### TREATMENT OF OLEFIN FEED TO PARAFFIN ALKYLATION **(54)** Patent Period Started From 21/11/2007 and Will end in 20/11/2027

(57) process for the removal of aromatic compounds from the olefin feed to a sulfuric acid paraffin alkylation's by feeding a olefin containing hydrocarbon stream and a dilute alkyl ate stream from a paraffin alkylation's to a distillation zone and removing unrelated material from said hydrocarbon stream as overheads and removing a more concentrated alkyl ate product stream and a portion of said aromatic compounds as bottoms and the improved alkylation's process resulting there from.

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

**Egyptian Patent Office** 



(22) 23/04/200
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(21) | • ١٦٨/2006

(44) | May 2011

(45) \\\^\/11/2011

(11) 25217

(51)	Int. Cl. <sup>8</sup> B01J 32/00, 37/00, 35/00
(71)	1. UHDE GMBH FRIEDRICH-UHDE STRBE (GERMANY)
(/1)	2.
	3.
(72)	1. STEFFEN, Schirrmeister
(, -)	2. KARSTEN, Buker
	3.
(73)	1.
	2.
(30)	1. (DE) 102005019000,6 – 22/04/2005
	2.
	3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) CATALAYTICALLY COATED SUPPORT PROCESS FOR THE PRODUCTION THEREOF AND REACTOR EQUIPPED THEREWITH USE THEREOF

#### Patent Period Started From 23/04/2006 and Will end in 22/04/2026

(57) Catalytically coated support, process for the production thereof and reactor equipped therewith and use thereof Supports having a catalytic coating comprising at least one porous and cavity-containing catalyst layer are described, cavities being irregular spaces having dimensions greater than 5 Um in at least two dimensions or having cross-sectional areas of at least 10 Um2) The catalytic coatings are distinguished by a high adhesive strength and can preferably be used in microreactors.

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

**Egyptian Patent Office** 



(22) 30/07/2000
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(21) PCT/NA 2006/000707

(44) May 2011

(45) \\ \^7/11/2011

(11) 2521

(51)	Int. Cl. <sup>8</sup> A61F 13/15
(71)	1. THE PROCTER & GAMBLE COMPANY (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>LAVON, Gary, Dean</li> <li>BECK, Theodora</li> <li>NIGAM, Pankaj</li> </ol>
(73)	1. 2.
(30)	1. 10/770,043 – 02/02/2004 2. (PCT/US 2005/003173) - 01/02/2005 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

## (54) SIMPLE DISPOSABLE ABSORBENT ARTICLE Patent Period Started From 01/02/2005 and Will end in 31/01/2025

(57) A simple disposable absorbent article including a chassis and an absorbent assembly. The chassis includes a water-impermeable sheet folded laterally inward at both of its side edges to form opposing side flaps. Each side flap is attached to the interior surface of the chassis adjacent to its end edges. Each side flap has a longitudinally extending elastic gathering member attached adjacent to its proximal edge. The absorbent assembly is smaller in width and in length than the chassis. The side edges and end edges of the absorbent assembly may be disposed proximally relative to the respective side edges and end edges of the chassis. The absorbent assembly includes an absorbent core that may contain superabsorbent particles, which may be contained inside pockets. The chassis may be extensible. The absorbent assembly may be attached in a cruciform pattern to the chassis to allow portions of the chassis to extend laterally.



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(51)	Int. Cl. <sup>^</sup> F24J 2/10, 2/38, 2/46, 2/54
(71)	1. CAPAN, RAHMI OGUZ (TURKEY) 2. 3.
(72)	1. CAPAN, Rahmi Oguz 2. 3. 4.
(73)	1. 2.
(30)	1. (PCT/IB2006/051421) – 05/05/2006 2. 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

#### **(54)** HYPERBOLIC SOLAR TROUGH FIELD SYSTEM Patent Period Started From 05/05/2006 and Will end in 04/05/2026

(57) The subject matter of the invention of hyperbolic solar trough field system (B, H) comprises hyperbolic reflectors in which the beams that come from the sun parallel, but of which the angle of incident changes at a fixed rate of 15 degrees per hour throughout the day are concentrated on the focal axis in the bottom part thereof, thermal receiver tubes which extend throughout said focal axis and are at a fixed position, and side supports which are at a ground-fixed position on the both sides of the reflectors. The reflectors are connected to the ground from at least one rotary joint point such that said reflectors can rotate around the central axis of the thermal receiver tubes. The bottom part of hyperbolic reflectors has been produced as circular sectioned such that it surrounds the thermal receiver tubes somewhat, on the continuation; a hyperbola form has been given to its arms extending towards two sides. Other hyperbolic reflectors (20m) are also provided with a bigger second hyperbola form which starts from the point where said hyperbola form finishes.

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(51)	Int. Cl. <sup>8</sup> F24J 2/06, 2/52
(71)	1. CSEM CENTRE SUISSE D'ELECERONIQUE ET DE MICROTECHNIQUESA
	2. RECHERCHE ET DEVELOPPEMENT ( SWITZERLAND )
	3.
<b>(72)</b>	1. HINDERLING, Thomas
	2. ALLANI, Yassine
	3.
(73)	1.
( - )	2.
(30)	1. (SA) 1227/06 – 29/07/2006
(00)	2. (PCT/EP2007/056658) – 03/07/2007
	3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

(54)	SOLAR PLATFORM	
	Patent Period Started From 03/07/2007 and Will end in 02/07/2027	

(57) The invention relates to a floating solar plate form comprising a bridge, connected to buoyancy elements, means for collecting received solar energy, said means being associated with said bridge and placed thereon, means for converting this energy, means for storing the product of this conversion, and first propulsion means for moving said plate form to sites where it can benefit from optimum sunshine.

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(44) | May 2011

(45) \\ \quad \quad 7/11/2011

(11) 25221

(51)	Int. Cl. 8 A01G 25/16
(71)	1. BROWN, MICHAEL, EDWARD (UNITED KINGDOM) 2. 3.
(72)	1. BROWN, Michael, Edward 2. 3.
(73)	1. 2.
(30)	1. (GB) 0624631,8 - 08/12/2006 2. (PCT/GB2007/004680) - 07/12/2007 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

## (54) MOISTURE RESPONSIVE DEVICE AND METHOD Patent Period Started From 07/12/2007 and Will end in 06/12/2027

(57) A moisture responsive device is described having a moisture responsive element comprising at least a moisture responsive formation of a first material in association with a less moisture responsive formation of a second material, in that the first material has a greater tendency to absorb moisture and to increase in volume as a result than the second material, the two formations being so mechanically arranged together that such swelling tends to cause mechanical deformation of the moisture responsive element; and an actuation member optionally of flexibly resilient material in mechanical association with the moisture responsive element so that distortion of the moisture responsive element in the presence of moisture tends to mechanically distort the actuation member and thereby cause the actuation member to change between at least a first functional state and a second functional state. A method of use, especially in irrigation control, is also described.



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(51)	Int. Cl. <sup>8</sup> B65D 5/74
(71)	1. SIG TECHNOLOGY LTD. (SWITZERLAND) 2. 3.
(72)	<ol> <li>ALTHER, Roger</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (SA) 1318/07 – 22/08/2007 2. (PCT/CH2008/000339) – 08/08/2008 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

#### SELF-OPENING CLOSURE WITH AIR INLET CHANNEL FOR (54)COMPOSITE PACKAGING OR FOR CONTAINER NECKS TO BE SEALED WITH FOIL MATERIAL

#### Patent Period Started From 08/08/2008 and Will end in 07/08/2028

(57) The self-opening closure consists of a spout neck which can be mounted to and sealed onto composite packaging or to a container neck to be sealed with foil material, of an associated screw cap and also of a self-opening collar arranged within the spout neck The latter can be set in rotation by the screw cap The self-opening collar at the upper edge thereof forms a recess which becomes smaller toward the lower edge and runs out into said lower edge. On the outside of the self-opening casing and on the inside of the spout neck there are guide features so that the self-opening casing is guided downward when turning the spout neck After unscrewing the cover cap, the recess rests partly in the interior of the spout neck and partly below said spout neck and forms an air inlet channel which causes a steady outlet stream when pouring out the liquid contained in the composite packaging.

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



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<b>(11)</b>	25223

(51)	Int. Cl. <sup>8</sup> E21B 43/16
(71)	1. BAKER HUGHES INCORPORATED (UNITED STATES OF AMERICA) 2. 3.
(72)	1. XU, Yang 2. 3.
(73)	1. 2.
(30)	1. (US) 11/895714 - 27/08/2007 2. (PCT/US 2008/073457) - 18/08/2008 3.
(74)	HODA ANIS SERAG EDDIN
(12)	Patent

## (54) INTERVENTIONLESS MULTI-POSITION FRAC TOOL Patent Period Started From 18/08/2008 and Will end in 17/08/2028

(57) Fracturing tools for use in oil and gas wells are disclosed. The fracturing tools have a run-in position and two operational positions. A sleeve disposed in the bore of the fracturing fool comprises a sleeve port alignable with a first port in the housing of the frac tool, i.e., the first operational position, during fracturing operations. A second port having a restriction member is disposed in the housing and is closed by the sleeve during fracturing operations. After fracturing operations are completed, a return member in the frac tool moves the sleeve from the first operational position to a second operational position for production operations. In this second operational position, the first port is closed and the sleeve port is aligned with the second port. Movement of the sleeve from the first operational position to the second operational position is performed without the need for an additional well intervention step.



(22) 06/01/2008

(21) ... 0/2008

Ministry of State for Scientific Research Academy of Scientific Research & Technology Egyptian Patent Office	\$ · 4 · 3	March 2011 17/11/2011 25224	
(51) Int Cl <sup>8</sup> R65D 85/74			

(51)	Int. Cl. 6 B65D 85/74
(71)	1. FROMAGERIES BEL (FRANCE )
	2. 3.
(72)	1. DAL, Sylvain
	2. WEBER, Jean-Claude
	3.
(73)	1.
	2.
(30)	1. (FR) 0507545 – 13/07/2005
(00)	2. (FR) 0507546 – 13/07/2005
	3. (PCT/FR2006/001691) - 11/07/2006
(74)	HODA AHMED ABD EL HADI
(12)	Patent

<b>(54)</b>	ELEMENT FOR MAKING A PACKAGE FOR PACKAGING A
	FOOD PRODUCT, CORRESPONDING PACKAGE, ASSEMBLY
	COMPRISING SUCH A PACKAGE AND A FOOD PRODUCT,
	CUTTING INSTALLATION AND METHOD

#### Patent Period Started From 11/07/2006 and Will end in 10/07/2026

(57) The invention concerns an element comprising: a sheet including an intermediate zone located between two zones designed to form side walls. the intermediate zone being designed to form a flap folded along the tip against one first of the side walls, and means for guiding tears in the sheet said means forming a single pull tab to cause tears, the pull tab being, in the intermediate zone, spaced apart from the median axis of the zone designed to form the base. The invention is, for example, applicable to packaging of melted cheese.



<b>(22)</b>	21/12/2009
(21)	21/12/2009
(44)	April 2011
(45)	17/11/2011

(11)  25225
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(51)	Int. Cl. <sup>8</sup> B60C 9/20
(71)	1. PIRELLI TYRE S.P.A (ITALY) 2. 3.
(72)	<ol> <li>MINOLI , Claudio</li> <li>MONTANARO , Fabio</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (PCT/IT/Y・・Y/000446) - 22/06/2007 2. 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

# (54) HEAVY LOAD VEHICLE TIRE Patent Period Started From 22/06/2007 and Will end in 21/06/2027

(57) Tire comprising: - a carcass structure comprising at least one carcass ply, of a substantially steroidal shape, having opposite lateral edges associated with respective right-hand and left-hand bead structures; - a belt structure applied in a radically external position with respect to said carcass structure; - a tread band applied in radically external position with respect to said belt structure; - two sidewalls, each sidewall being applied laterally on opposite sides with respect to said carcass structure; said belt structure comprising: - at least one pair of lateral reinforcing layers substantially symmetrically arranged with respect to the equatorial plane of said tire and applied in correspondence of the axially external portions of said tire belt structure, said lateral reinforcing layers being provided with reinforcing elements oriented in a substantially circumferential direction; a first belt layer applied in a radically external position with respect to said at least one pair of lateral reinforcing layers, said first belt layer being provided with reinforcing elements parallel to one another and inclined with respect to the equatorial plane of said tire.

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

**Egyptian Patent Office** 



<b>(22)</b>	26/03	/2003
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$$(21) \cdot 7 \wedge 9/2003$$

(51)	Int. Cl. 8 C07D 401/06, 401/14, 409/14 & A61K 31/44 & A61P 25/06, 31/44	
(71)	1. ELI LILLY AND COMPANY (UNITI 2. 3.	ED STATES OF AMERICA)
(72)	<ol> <li>COHEN, Michael, Philip</li> <li>KOHLMAN, Daniel, Timothy</li> <li>LIANG, Sidney, Xi</li> <li>MANCUSO, Vincent</li> <li>VICTOR, Frantz</li> </ol>	<ul><li>6. XU, Yao-Chang</li><li>7. YING, Bai-Ping</li><li>8. ZACHERL, DeAnna, Piatt</li><li>9. ZHANG, Deyi</li></ul>
(73)	1. 2.	
(30)	1. (US) 60/369,088) – 29/03/2002 2. 3.	
(74)	HODA AHMED ABD EL HADI	
(12)	Patent	

## (54) PYRIDINOYLPIPERIDINES AS 5-HT1F AGON

## Patent Period Started From granted patent date and Will end in 25/03/2023

(57) The present invention relates to compounds of formula I:

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

Or pharmaceutically acceptable acid addition salts thereof, where;  $R^1$  is  $C_1$ - $C_6$  alkyl, substituted  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkyl, substituted  $C_3$ - $C_7$  cycloalkyl,  $C_3$ - $C_7$  cycloalkyl- $C_1$ - $C_3$  alkyl, substituted  $C_3$ - $C_7$  cycloalkyl- $C_1$ - $C_3$  alkyl, phenyl, substituted phenyl, heterocycle, or substituted heterocycle;

R<sup>2</sup> is hydrogen C<sub>1</sub>-C<sub>3</sub> alkyl, C<sub>3</sub>-C<sub>6</sub> cycloalkyl- C<sub>1</sub>-C<sub>3</sub> alkyl,

 $R^3$  is hydrogen or  $C_1$ - $C_3$  alkyl;

 $R^4$  is hydrogen, halo, or  $C_1$ - $C_3$  alkyl;

R<sup>5</sup> is hydrogen or C<sub>1</sub>-C<sub>3</sub> alkyl;

 $R^6$  is hydrogen or  $C_1$ - $C_6$  alkyl; and n is an integer from i to 6 inchisively.

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

## **Egyptian Patent Office**



- (22) 06/06/1996
- (21) | • • • | 1996
- (44) April 2011
- (11) 25227

(51)	Int. Cl. <sup>8</sup> C07D 401/12 & A61K 31/495
(71)	1. ZENECA LTD (UNITED KINKDOM )
	3.
(72)	1. BRADBURY, Robert, Hugh
( - )	2. BUTLIN, Roger, John
	3. JAMES, Roger
	4
-	4.
(73)	1.
, ,	2.
(30)	1. (GB) 9511507,7 – 07/06/1995
` ′	2. (GB) 9519666,3 – 27/09/1995
	3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

# (54) HETEROCYCLIC COMPOUNDS Patent Period Started From granted patent date and Will end in 05/06/2016

(57) the invention concerns pharmaceutically useful compounds of the formula 1,

in which A<sup>1</sup>, A<sup>2</sup>,A<sup>3</sup>,A<sup>4</sup>,B1,m,ar,w,x,y,z and R<sup>1</sup> have any of meanings defined herein and their pharmaceutically acceptable salts pharmaceutical compositions containing them the novel compounds possess endothelin receptor antagoist activity and are useful for example in the treatment diseases or medical conditions in which elevated or abnormal levels of endothelin play a significan causative role the invention futher concerns processes for the manufacture of the novel compounds and the use of the compounds in medical treatment.

**Ministry of State for Scientific Research** 



(22) 19/09/2007

(21) PCT/NA2007/000990

- (44) March 2011 Academy of Scientific Research & Technology **Egyptian Patent Office** (11) 25228 (51) Int. Cl. 8 C07C 51/265, 63/15, 63/00 & B01D 3/00, 3/14
- BP CORPORATION NORTH AMERICA INC (UNITED STATES OF AMERICA) **(71)** BARTOS, Thomas, M. LEUNG, Linus, K. **(73)** (30)(US) 60/663,792 - 21/03/20062. (PCT/US2006/010486) - 20/03/2006 HODA AHMED ABD EL HADI (74)Patent (12)
  - **(54)** PROCESS AND APPARATTUS FOR MANUFACTURING AROMATIC CARBOXYLIC ACIDS INCLUDING PURE FORMS **THEREOF**

### Patent Period Started From 20/03/2006 and Will end in 19/03/2026

(57) A process and apparatus for manufacture of aromatic carboxylic acids comprises a liquid phase oxidation of aromatic hydrocarbon feed materials and treatment of a high pressure off-gas from the liquid phase oxidation to separate water and reaction solvent and preferentially apportion liquid phase oxidation by-product spcies between gas and liquid phases resulting from separation. Processes for making pure forms of aromatic carboxylic acid also are included.

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





- (22) 10/09/2007
- (21) PCT/NA2007/000957
- (44) April 2011
- (11) 25229

(51)	Int. Cl. 8 B42D 15/00 & D21H 21/42, 21/48	
(71)	1. FABRICA NACIONAL DE MONEDA Y TIMBRE 2. 3.	REAL CASA DE LA MONEDA (SPAIN)
(72)	<ol> <li>RUBIO SANZ, Juan Antonio</li> <li>BARAJA CARRACEDO, Javier</li> <li>GOMEZ ESTELLA, María, Jesús</li> </ol>	4. OLMOSRUIZ, Antonio
(73)	1. 2.	
(30)	1. P200600563 – 10/03/2005 2. (PCT/ES2005/000712) – 30/12/2005 3.	
(74)	HODA AHMED ABD EL HADI	
(12)	Patent	

# (54) SECURITY STRIP AND SECURITY PAPER Patent Period Started From 30/12/2005 and Will end in 29/12/2025

(57) The invention relates to a security strip and security paper which are used to produce security documents, such as legal tender notes, chouse or identification documents, comprising a cellulose support band which is fully embedded in a substrate of paper pulp. Both the substrate and the support band are made from vegetable fibers and, as such, a series of physicochemical bonds are made between the fibers of both elements, such that the support band is perfectly integrated in the paper pulp. Occasionally, the cellulose support band comprises a series of security elements, such as pigments, synthetic elements and/or security fibers of the type normally used for said purpose.

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



(22) 23/03/2009

(21) · TA £/2009

(44) March 2011

(11) 25230

(51)	Int. Cl. <sup>8</sup> C07C 1/00
(71)	1. UOP LLC (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>SENETAR, John J.</li> <li>BOZZANO, Andrea G.</li> <li>MILLER, Sterling T.</li> </ol>
(73)	1. 2.
(30)	1. (US) 11/541,116 – 28/09/2006 2. (PCT/US2007/060920) – 26/01/2007 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

#### ENHANCED OXYGENATE CONVERSION AND PRODUCT (54)**CRACKING INTEGRATION**

## Patent Period Started From 26/01/2007 and Will end in 25/01/2027

(57) Water and/or oxygenate content in olefin cracking feeds is/are reduced or minimized to enhance light olefin production via integrated oxygenate conversion and product olefin cracking.



(22) 27/09/2006

 $(21) | \cdot \circ \uparrow 1/2006$ 

(44) | March 2011

(11) 25231

Arab Republic of Egypt	
Ministry of State for Scientific Research	
Academy of Scientific Research & Technology	
<b>Egyptian Patent Office</b>	

(51)	Int. Cl. A23C 19/00, 19/076, 19/09
(71)	1. KRAFT FOODS HOLDINGS INC (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>Moran, James W.</li> <li>Galer, Chad</li> <li>Doyle, Mary C.</li> </ol>
(73)	1. KRAFT FOODS GLOBAL BRANDS LLC (UNITED STATES OF AMERICA) 2.
(30)	1. 2. 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

# (54) FRESH CHEESE PRODUCTS CONTAINING BIOGENERATED FLAVOR COMPONENTS AND METHODS FOR PRODUCING Patent Period Started From 27/09/2006 and Will end in 26/09/2026

(57) The invention provides for the manufacture of cheese products enhanced with a natural, ingenerated flavoring system. The natural flavoring system described herein may be used with various types of cheese and dairy products. In one embodiment, the system may be used in the production of flavor enhanced fresh cheese or cream cheese. In another embodiment, the system may be used in the production of low-fat cheese products, such as low-fat cream cheese.

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





(22)	12/03/200	•

(21)  $| \cdot \forall \forall \forall \forall \forall \cdot \cdot \forall$ 

(44) April 2011

(11) 25232

(51)	Int. Cl. <sup>8</sup> B01F 3/04
(71)	1. MUNTERS CORPORATION ( UNITED STATES OF AMERICA ) 2. 3.
(72)	<ol> <li>GRAEF, Patricia, Thomas</li> <li>DRUMMOND, Larry</li> <li>CAMERON, Ian</li> <li>5.</li> </ol>
(73)	1. 2.
(30)	1. (US) 11/518,959 – 12/09/2006 2. (PCT/US 2007/019750) – 12/09/2007 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

## (54) ALGAE RESISTANT EDGE COATING AND METHOD OF FORMING SAME

### Patent Period Started From 12/09/2007 and Will end in 11/09/2027

(57) A gas-liquid contact body for use in a gas-liquid contact apparatus is formed of a plurality of facially opposed corrugated sheets with the corrugations in alternate sheets being disposed in parallel to form a plurality of criss-crossing channels for gas and liquid. The contact body has an air inlet side including an air inlet portion which is coated with a water-impermeable hydrophilic material whose density on the surface of the sheets decreases from a maximum at the edge of the sheets downstream within the air inlet portion to leave progressively increasing areas of said sheet exposed to air.



(22)	22/07/2009
(21)	117./2009
(44)	April 2011
(45)	17/11/2011

(11) 25233

(51)	Int. Cl. <sup>8</sup> B02C 4/28
(71)	1. F L SMIDTH A/S (DENMARK ) 2. 3.
(72)	<ol> <li>DEMUTH , Lars</li> <li>MOLLER , Nicolaj , Stenberg , Balk</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (DK) 200701083 – 25/07/2007 2. (PCT/EP2008/059544) – 21/07/2008 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

(54)	ROLLER PRESS WITH ANNULAR DISC	
	Patent Period Started From 21/07/2008 and Will end in 20/07/2028	

(57) A roller press is described for grinding particulate material such as cement raw materials, cement clinker and similar materials, the roller press having two oppositely rotating rollers with one roller being movably supported relative to the other roller and with the rollers forming between them a roller gap . A co-rotating annular disc is attached to one of the rollers, which subject to actuation by a number of springs, is movable in the direction of the roller axis and which, in the area around the roller gap extends over the end surface of the other roller. The annular disc is divided into a number of ring sectors over its circumference, each individually biased by springs towards the end surface of the other roller. Hence, it is possible to maintain the grinding bed thickness at the ends of the rollers, thereby attaining a uniform pressure distribution across the rollers, as well as uniform grinding efficiency and uniform wear on the rollers.

**Egyptian Patent Office** 



- (22) 15/03/2009
- (21) 0336/2009
- (44) April 2011
- (11) 25234

(51)	Int. Cl. <sup>8</sup> G01V 3/30
(71)	1. PRAD RESEARCH AND DEVELOPMENT LIMITED ( NETHERLAND ) 2. 3.
(72)	<ol> <li>SIMON , Matthieu</li> <li>LULING , Martin</li> </ol>
(73)	1. 2.
(30)	1. (EP) 06291406,1 – 15/09/2006 2. (PCT/EP 2007/007601) – 23/08/2007 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

# (54) AN ANTENNA FOR AN ELECTROMAGNETIC PROBE FOR INVESTIGATING GEOLOGICAL FORMATIONS AND ITS APPLICATIONS

### Patent Period Started From 23/08/2007 and Will end in 22/08/2027

(57) An antenna of an electromagnetic probe used in investigation of geological formations GF surrounding a borehole WBH comprises a conductive base and a first antenna element. The conductive base comprises an opened non-resonant cavity. The first antenna element is embedded in the cavity and goes right trough the cavity. The first antenna element is comprised of a center-split half-coaxial wire so as to define a symmetries antenna radiation pattern.



- (21) | 9 5 1/2009
- (44) April 2011
- (45) **\\\\/\/11/2011**
- (11) 25235

(51)	Int. Cl. <sup>8</sup> G01V 3/24
(71)	1. PRAD RESEARCH AND DEVELOPMENT LIMITED (BRITISHY VIRGIN ISLANDS) 2. 3.
(72)	1. BLOEMENKAMP, Richard 2. 3.
(73)	1. 2.
(30)	1. (EP) 06292050,9 - 22/12/2006 2. (PCT/EP2007/010794) - 10/12/2007 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

## (54) A TOOL FOR ELECTRICAL INVESTIGATION OF A BOREHOLE Patent Period Started From 10/12/2007 and Will end in 09/12/2027

(57) tool 1 is used in electrical investigation of geological formations GF surrounding a borehole BH. The tool 1 is comprised in a string of tools TS. The tool 1 comprises a current injection section CIS and a current return section CRS. The string of tools TS comprises at least one other section OS1. The current injection section CIS is electrically decoupled from the current return section CRS. The current injection section CIS is electrically decoupled from the at least one other section OS1 when the current injection section CIS and the at least one other section OS1 are adjacent to each other. The current return section CRS is electrically decoupled from the at least one other section OS1 when the current return section CRS and the at least one other section OS1 are adjacent to each other.



$(22) \mid \forall \circ / 02 / 200$	8
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(21) | • ٣ \ 9/2008

(44) April 2011

(45) **\\\\/11/2011** 

(11) 25236

(51)	Int. Cl. <sup>8</sup> A23L 1/39, 1/40, 1/313, 1/054, 1/05
(71)	1. UNILEVER PLC (UNITED KINGDOME) 2. 3.
(72)	<ol> <li>ACHTERKAMP, Georg</li> <li>ACKERMANN, Dieter Kurt Karl</li> <li>INOUE, Chiharu</li> </ol>
(73)	1. 2.
(30)	1. (EP) 07110024 - 12/06/2007 2. 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

# (54) PACKAGED CONCENTRATE FOR PREPARING A BOUILLON, SOUP, SAUCE, GRAVY OR FOR USE AS A SEASONING, THE CONCENTRATE COMPRISING GUAR GUM Patent Period Started From 25/02/2008 and Will end in 24/02/2028

(57) Packaged concentrate in jelly from for preparing a bouillon, broth, soup, sauce, gravy or for use as a seasoning, which concentrates comprises 20-80% water, 0.5-60% taste imparting components, 15-40% salt, and a gelling agent comprising xanthenes and guar gum.

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





- (22) 28/042005
- (21) PCT/NA2005/000682
- (44) April 2011
- **17/11/2011 (45)**
- 25237 (11)

(51)	Int. Cl. <sup>8</sup> B01J 19/24& B01F 3/04, 5/04
(71)	1. BONGRAIN S.A., A JOINT STOCK COMPANY (FRANCE) 2. 3.
(72)	1. BONNIN, Yves. 2. 3.
(73)	1. 2.
(30)	1. (FR) 03/05348 - 30/04/2003 2. (PCT/FR2004/001028) - 28/04/2004 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

## (54) METHOD FOR PRODUCTION OF A PACKAGING FOR A PASTY FOOD PRODUCT MADE FOR EXAMPLE FROM MELTED **CHEESE OR COCOA**

### Patent Period Started From 28/04/2004 and Will end in 27/04/2024

(57) The invention relates to a method for production of a packaging (1) for a pasty food product, made for example from melted cheese or cocoa, comprising the production of a part of the packaging in the form of a pyramid with an open base using a flat sheet, placing the packaging part with the apex in a filling mould with essentially the same hollow form, pouring the pasty food product into the packaging part to a height below that of the top of the pyramid, placing a film of appropriate shape over the product to form the base of the pyramid, folding the peripheral free edges of the packaging part onto the film to retain the same and withdrawing the pyramidal packaging (1) thus formed from the mould.



(22)	26/11/2008
(21)	1977/2008
(44)	March 201

(51)	Int. Cl. 8 C02F 1/68 & B01F 1/00
(71)	1. UNILEVER PLC (UNITED KINGDOM) 2. 3.
(72)	<ol> <li>JAMBEKAR, Girish Umakant</li> <li>MISTRY, Mahendrakumar Maganlal</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (IN) (917/MUM/2006) – 12/06/2006 2. (PCT/EP2007/055132) – 25/05/2007 3.
(74)	HODA AHMED ABD EL HADI
(12)	Patent

# (54) A BIOCIDE CARTRIDGE Patent Period Started From 25/05/2007 and Will end in 24/05/2027

(57) The present invention relates to a biocide cartridge for use in a water purification device having an automatic water flow shutoff mechanism at end-of-life. It is anobject of the present invention to provide for a biocide cartridge for use in a water purification device which has a simple and effective automatic water flow shutoff mechanism which stops the flow of water when the biocide is consumed. Accordingly, the present invention provides a biocide cartridge for use in a water purification device having an automatic water flow shutoff mechanism at end-of-life comprising an inlet for feed water and an outlet for biocide treated water, a container containing a water leachable biocide tablet resting on a base having at least one port for passage of water and a movable support stacked on said biocide tablet, an arm attached at its proximal end to said movable support and provided with a plug means at its distal end, such that as the water leachable biocide tablet is consumed, the movable support descends such that at a predetermined end-of-life position, the plug means plugs said outlet, thereby shutting off the flow of water.

**Egyptian Patent Office** 



(22) | \( \bar{1}/11/2007 \)

(21) PCT/NA2007/001280

(44) April 2011

(45) **\\\\/11/2011** 

(11) 25239

(51)	Int. Cl. 8 A61J 1/06 & B65D 1/09
(71)	1. VIFOR (INTERNATIONAL) AG. (SWITZERLAND) 2. 3.
(72)	<ol> <li>WEIBEL-FURER, Ludwing</li> <li>WEIBEL-FURER, Dominique</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (EP) 05104386,7 - 24/05/2005 2. (PCT/EP2006/062415) - 18/05/2006 3.
(74)	ABU SETTA
(12)	Patent

## (54) CONTAINER WITH A HOLLOW NEEDLE

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

(57) The invention relates to a container, for the housing and dispensing of a medicament, in particular, parenteral medicaments, whereby the container comprises a case closed up to an opening for dispensing the medicament, whereby the container is embodied such that on altering at least one region of the case a dispensing of the medicament occurs. Furthermore, the case has a one-piece embodiment. The container comprises a hollow needle.

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

### **Egyptian Patent Office**



- (22) | 19/05/2009
- (21) 0740/2009
- (44) May 2011
- (45) 20/11/2011
- (11) 25240

(51)	Int. Cl. 8 C25C 3/08, 3/16, 7/00, 3/00
(71)	1. ALCAN INTERNATIONAL LIMITED ( CANADA ) 2. 3.
(72)	<ol> <li>ALLANO, Bertrand</li> <li>BONNAFOUS, Delphine</li> <li>BOUCHARD, Serge</li> <li>CAMIRE, Jean</li> <li>DESILETS, Martin</li> <li>FIOT, Laurent</li> </ol>
(73)	1. 2.
(30)	1. (EP) 06356135,1 – 22/11/2006 2. (PCT/IB2007/004279) – 21/11/2007 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

# (54) ELECTROLYSIS CELL FOR THE PRODUCTION OF ALUMINIUM COMPRISING MEANS TO REDUCE THE VOLTAGE DROP

### Patent Period Started From 21/11/2007 and Will end in 20/11/2027

(57) The invention relates to an electrolytic cell intended for production of aluminium including at least one collector bar made of first metal and at least one complementary bar made of a second metal having an electrical conductivity greater than the first metal and arranged adjacent to one of the side faces of the collector bar so that the external end of the complementary bar is at a specified distance from a specified end face of the block The second end preferably terminates so as to limit heat losses from said cell The invention makes it possible to obtain significantly lower voltage drops than known cells while avoiding excessive heat losses through the collector bars.

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





- (22) 18/05/2008
- (21)  $|\cdot \wedge \rangle$   $| \cdot \rangle$
- (44) May 2011
- (45) 20/11/2011
- (11) 25241

(51)	Int. Cl. 8 C10B 15/02, 41/00
(71)	1. UHDE GMBH (GERMANY) 2. 3.
(72)	<ol> <li>SCHÜCKER, Franz-Josef</li> <li>KIM, Ronald</li> <li>.</li> </ol>
(73)	1. 2.
(30)	1. (DE) 1020050555483,0 – 18/11/2005 2. (PCT/EP2006/009799) – 11/10/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) CENTRALLY CONTROLLED COKE OVEN AERATION SYSTEM FOR PRIMARY AND SECONDARY AIR

### Patent Period Started From 11/10/2006 and Will end in 10/10/2026

(57) The invention relates to an aeration device for non-recovery coke ovens, wherein the aeration device consists of at least one opening which passess through the wall or through internals such as, for example the oven door, and connects the oven interior to the outer atmosphere surrounding the oven and can be wholly or partialy closed by means of at least one mechanical connecting element, by the connecting element being fastened directly or via a lever to the closure elements, and each connecting element being connected to at least one central actuating element in such a manner that the closure elements can be moved, wherein the respective openings can be closed, completely opened or can be set in any desired intermidate position. Idealy, this connecting element is a chain or screw spindle.



(21) 0379/2007

(44) May 2011

(45) 20/11/2011

(11) 25242

(51)	Int. Cl. <sup>8</sup> F25J 1/00, 3/00
(71)	1. AIR PRODUCTS AND CHEMEICALS, INC. (UNITED STATES OF AMERCIA) 2. 3.
(72)	<ol> <li>ADAM, Adrian, Brostow, Emmaus</li> <li>MARK, Julian, Roberts</li> <li>MARK, Julian, Roberts</li> </ol>
(73)	1. 2.
(30)	1. (US) 11/491329 – 21/07/2006 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

# (54) INTEGRATED NGL RECOVERY THE PRODUCTION OF LIQUEFILD NATURL GAS

## Patent Period Started From 17/07/2007 and Will end in 16/07/2027

(57) Process for the liquefaction of natural gas and the recovery of components heavier than methane wherein natural gas is cooled and separated in a first distillation column into an overhead vapor enriched in methane and a bottoms stream enriched in components heavier than methane, wherein the first distillation column utilizes a liquefied methane-containing reflux stream. This reflux stream may be provided by a condensed portion of the overhead vapor or a portion of totally condensed overhead vapor that is subsequently warmed. The bottoms stream may be separated in one or more additional distillation columns to provide one or more product streams, any of which are partially or totally withdrawn as recovered hydrocarbons. A stream of unrecovered liquid hydrocarbons may be combined with either the condensed portion of the overhead vapor or a portion of totally condensed overhead vapor that is subsequently warmed.



<b>(22)</b>	10/06/2008
(21)	· ٩٦٨/2008
(44)	<b>May 2011</b>

(45) 20/11/2011

(11) 25243

(51)	Int. Cl. A47F 10/06
(71)	1. HEINEMACK GMBH (GERMANY) 2. 3.
(72)	1. MACK, Michael 2. 3.
(73)	1. 2.
(30)	1. (DE) 200505918804 – 12/12/2005 2. (PCT/EP2006/011908) – 11/12/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

# (54) RESTAURANT SYSTEM Patent Period Started From 11/12/2006 and Will end in 10/12/2026

(57) The invention relates to a restaurant system comprising a) at least one working area for cooking and/or preparing food and/or drinks, b) at least one guest-accommodating area, in particular with one or more tables for restaurant guests, c) wherein the working area and guest-accommodating area are connected via a transporting system for transporting food and/or drinks, d) wherein the transporting system is designed for transporting food and/or drinks from the working area to the guest-accommodating area, and e) wherein the transportation of food and/or drinks from the working area to the guest-accommodating area via the transporting system takes place, at least over certain sections, by means of gravitational force.



(22) 22/07/2007

**(21)** PCT/NA2007/000757

(44) May 2011

(45) 20/11/2011

(11)25244

Arab Republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology
<b>Egyptian Patent Office</b>

(51)	Int. Cl. <sup>8</sup> B32B 1/00
(71)	1. SUPERIOR GRAPHITE CO. (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>WEINTRITT, Donald, J.</li> <li>ZALESKI, Peter</li> <li>FRANCOIS, Henry</li> </ol>
(73)	1. 2.
(30)	1. (US) 60/656,254 - 25/02/2005 2. (PCT/US2006/006460) - 24/02/2006 3.
(74)	NAZEEH A. SADEK ELIAS
(12)	Patent

#### **(54)** GRAPHITE COATING OF PARTICULATE MATERIALS Patent Period Started From 24/02/2006 and Will end in 23/02/2026

(57) A coated particulate is provided with a graphite impregnated resin coating, The oil field particulates may comprise any of gravel pack sand, granular betonite, ground Gilsonite, calcium carbonate, glass beads, rock wool, shredded paper, metal spheres, ceramic beads, nut bulls, ground rubber, plastic beads, muscovite mica, calcined petroleum coke, and perlite. The resin may comprise as a binder one or more of a natural, synthetic, water soluble, and organic resins. More specifically, the resins may comprise an organic film fom dng resin such as an alkyd, polyurethane and epoxy. Alternatively, the resin may comprise a film forming water soluble polymer, such as a starch, carboxymethyl cellulose, hydroxyetbyl cellulose, and xanthan gum. In a further alternative, the resin may comprise a resin dispersed emulsion, such as a larex or acrylic.

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





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(21) | • ١٦٧/٢ • • ٨

(44) May 2011

(45) 20/11/2011

(11) 25245

(51)	Int. Cl. 8 H01F 27/14
(71)	1. CTR MANUFACTURING INDUSTRIES LIMITED (INDIA) 2. 3.
(72)	1. WAKCHAURE,V., K 2. 3.
(73)	1. 2.
(30)	1. (IN) (1425/MUM/2005) – 16/11/2005 2. (PCT/IN2006/000128) – 13/04/2006 3.
(74)	NAZEEH A. SADEK ELIAS
(12)	Patent

# (54) METHOD AND DEVICE FOR PREVENTION AND PROTECTION OF ELECTRICAL TRANSFORMER AGAINST EXPLOSION AND FIRE

### Patent Period Started From 13/04/2006 and Will end in 12/04/2026

(57) The present invention relates to the system and method for protection, prevention and / or detection of the explosion and / or resulting fire in electrical transformers in advance i.e. before decomposition of combustible coolant fluid dielectric oil.



(22) 29/07/2008

 $(21) | 1 \uparrow \lambda \uparrow / \uparrow \cdot \cdot \lambda$ 

(44) | May 2011

(45) 21/11/2011

(11) 25246

(51)	Int. Cl. <sup>8</sup> B23B 25/00
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(71)	1.
( - )	2.
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(72)	1.
( - )	2.
	3.
(73)	1.
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(30)	1.
(00)	2.
	3.
(74)	
(12)	Patent

## (54) MULTIPOINT TURNING TOOL WITH TWO OR MORE EDGES FOR

#### Patent Period Started From 29/07/2008 and Will end in 28/07/2028

(57) The present invention has the aim of disclosing a cutting insert shown in fig. (1.a) for longitudinal turning and can be also used for drilling. High Speed Steel (HSS) tool material also is an example for this new design as shown in fig. (1.b). The present invention includes a primary cutting edge which performs the necessary cutting, and a secondary edge for enhancing the surface quality of machined surface presented by the surface finish and geometric tolerances. The new designed cutting tool possesses at least two cutting edges for cutting the workpiece at two opposite entry points at the same longitudinal cutting pass along the workpiece. The distance value between the two cutting edges "L" must be chosen to let the two edges enter the workpiece at points A and B shown in Fig. (2). The objective of the present invention is to enhancing surface finish, improving the dimensional accuracy, and improving the geometrical accuracy without consuming more time and cost.



(22)	24/04/2008
(21)	· ٦٩ ·/2008
(44)	May 2011

(45) 22/11/2011

(11) 25247

(51)	Int. Cl. <sup>8</sup> H04Q 72/12
(71)	1. TELEFONAKTIEBOLAGET LM ERICSSON -PUBL – (SWEDEN) 2. 3.
(72)	1. BJORKEN, Peter 2. 3.
(73)	1. 2.
(30)	1. (PCT/SE 2005/001641) – 01/11/2005 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

# (54) METHOD AND ARRANGEMENTS IN A RADIO COMMUNICATION SYSTEM Patent Period Started From 01/11/2005 and Will end in 31/10/2025

(57) The present invention realtes to uplink transmissions and scheduling of resources for uplink transmissions in connection with packet switched communication. A radio communication network schedules time slots for transmissions of bursts of a first radio block on at least two different uplink packet data channels and transmits an uplink state flag, associated with a mobile station for which the first radio block was scheduled, on a first downlink packet data channel representing a first subperiod within a basic uplink period. The mobile station recieves the uplink state flag, identifies the scheduled resources for transmission of the first radio block wherein the timing of the first subperiod is derived utilizing the fact that the uplink state flag was received on the first downlink packet data channel and transmits the first radio block utilizing the identified resources.

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(21) |  $1 \wedge 7 \% / 2008$ 

(44) | May 2011

(45) 27/11/2011

(11) 25248

(51)	Int. Cl. <sup>8</sup> B65D 17/50
(71)	<ol> <li>CROWN PACKAGING TECHNOLOGY , INC ( UNITED STATES OF AMERICA )</li> <li>3.</li> </ol>
(72)	<ol> <li>PARIS , Alexandre</li> <li>RAMSEY , Christopher , Paul</li> <li>LEFEUVRE , Mark , James</li> </ol>
(73)	1. 2.
(30)	1. (EP) 06113767,5 - 10/05/2006 2. (PCT/EP2007/054420) - 08/05/2007 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

# (54) CAN OPENING DEVICE Patent Period Started From 08/05/2007 and Will end in 07/05/2027

(57) An opening device of plastics material, which is suitable for closing and re-closing of a metal can end, for example. The opening device has two distinct parts: a base plate and a tab, which are joined together by an integral rivet. The opening device is used to close an aperture in the metal panel of a can end by fitting the base plate to the underside of the panel and connecting this to the tab on the top of the panel. A sliding action by pulling or retaining the tab actuates movement of the base plate for opening and resoling of the closure panel.

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



(22) 05/04/2007

(21) PCT/NA2007/000347

(44) | May 2011

(45) 27/11/2011

(11) 25249

(51)	Int. Cl. <sup>8</sup> B63H 21/17
(71)	<ol> <li>ROTINOR GMBH (GERMANY)</li> <li>3.</li> </ol>
(72)	<ol> <li>GRIMMEISEN, Jürgen</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (DE) 102004049615,3 – 12/10/2004 2. (PCT/EP2005/010798) – 07/10/2005 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) ELECTRIC MOTOR-DRIVEN WATER CRAFT, WHICH IS COOLED BY THE SURROUNDING WATER

#### Patent Period Started From 07/10/2005 and Will end in 06/10/2025

(57) The invention relates to an electric motor-driven water craft comprising a fuselage, on which the user can at least partially lie or stand. Said fuselage (10) comprises a flow channel with a screw that is driven by an electric motor and contains the electric motor and batteries, in addition to a control device for the electric motor and the screw, said items being housed at least partially in the flow channel. The aim of the invention is to maintain a higher power for motor-driven water craft of this type. To achieve this, the batteries are located in a water-tight housing and at least some sections of said batteries are in thermally conductive contact with the housing, the housing consists at least partially of a thermally conductive material and/or the electric motor is an internal-rotor motor, the stator is in thermally conductive contact with a housing of the electric motor by means of a heat conducting unit, at least part of the region of the housing that is assigned to the heat conducting unit (consists of a thermally conductive material and the housing is located at least partially in the flow channel.

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- (22) 24/07/2005
- (21) PCT/NA200°/000408
- (44) | May 2011
- $(45) | 2 \frac{7}{11} / 2011$
- (11) 25250

(51)	Int. Cl. 8 C04B 18/08
(71)	1. BORAL MATERIAL TECHNOLOGIES INC. (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>TARDIF, Marc-Andre</li> <li>MAJORS, Russ, K.</li> <li>HILL, Russell, L.</li> </ol>
(73)	1. 2.
(30)	1. (US) 60/442,048 – 24/01/2003 2. (US) 10/430,744 – 06/05/2003 3. (PCT/US2004/001688) – 22/01/2004
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

# (54) SYSTEM AND METHOD FOR TREATING FLY ASH Patent Period Started From 22/01/2004 and Will end in 21/01/2024

(57) This invention is related to a method and system for treating fly ash using a treating fluid. The method involves determining the flow rate of fly ash and pressuring the treating fluid using a pressurizing apparatus in effective contact with a controller. Thus the spray of the treating fluid is sprayed at the fly ash at a rate compatible with the rate of flow of the fly ash which has been measured. The treating agent contains an agent selected from a group containing sacrificial agents, surfactants, coating agents and a compination thereof.

**Ministry of State for Scientific Research** 



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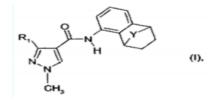
PCT/NA200V/000TT

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(51)	Int. Cl. 8 A 01N 43/40, A01N 45/02,	A01N 61/00			

(51)	Int. Cl. 8 A 01N 43/40, A01N 45/02, A01N 61/00	
(71)	1. SYNBENTA PARTICIPATION AG. 2. 3.	
(72)	<ol> <li>WATER, HARALD</li> <li>CORSI, CAMILA</li> <li>EHRE NFRERND, JOSEF</li> </ol>	4. LAMBERTH, CLEMENS 5. TOBLER, HANS
(73)	1. 2.	
(30)	1. (EP) 04224010 - 08/10/2004 2. (PCT/EP 2005/010755) - 06/10/2005 3.	
(74)	SOHEIR M. JOSEPH, ATTORNEY	
(12)	Patent	

#### **(54) Synergistic Fungicidal Compositions** Patent Period Started From 06/10/2005 and Will end in 05/10/2025

(57) A method for controlling phytopathogenic diseases on useful plants or on propagation material thereof, which comprises applying to the useful plants, the locus thereof or propagation material thereof a combination of components A) and B) in a synergistically effective amount, wherein component A) is a compound of formula (I), wherein R1 is difluoromethyl or trifluoromethyl, Y is -CHR2- or formula (DD) and R2 is hydrogen or C1-C6 alkyl, Or a tautomer of such a compound, and component B) is a compound selected from compounds known for their fungicidal and/ or insecticidal activity, is particularly effective in controlling or preventing fungal diseases of useful plants.



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

## **Egyptian Patent Office**



- (22) 23/11/2009
- (21) 1419/2009
- (44) May 2011
- (45) 23/11/2011
- (11) 25252

(51)	Int. Cl. <sup>8</sup> C10G 47/02, 47/26, 49/04
(71)	1. ENI S.P.A. (ITALY) 2. 3.
(72)	<ol> <li>PATRON, Luigi</li> <li>MALAN-DRINO, Alberto</li> <li>MOLINARI, Mario</li> </ol>
(73)	1. 2.
(30)	1. (IT) (MI2007A001045) – 23/05/2007 2. (PCT/EP2008/004117) – 19/05/2008 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

### (54) PROCESS FOR THE HYDROCONVERSION OF HEAVY OILS

### Patent Period Started From 19/05/2008 and Will end in 18/05/2028

(57) A process for the conversion of heavy oils comprising sending the heavy oil to hydrotreatment, of the high severity type, in the presence of high concentrations of a suitable hydrogenation catalyst dispersed in slurry phase, effected in a suitable solid accumulation reactor capable of operating stably in the presence of solids deriving from and generated by the feedstock charged, wherein the hydrogen or mixtures thereof is fed at suitable flow-rates and suitably distributed, obtaining the conversion products in vapour phase directly in the reactor.

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





- (22) 31/12/2007
- (21) PCT/NA2007/001490
- (44) | May 2011
- (45) 23/11/2011
- (11) 25253

(51)	Int. Cl. <sup>8</sup> G06F 15/173
(71)	<ol> <li>MICROSOFT CORPORATION (UNITED STATES OF AMERICA)</li> <li>3.</li> </ol>
(72)	<ol> <li>HUGHES, JR., Robert K.</li> <li>ARROUYE, Yves</li> <li>.</li> </ol>
(73)	1. 2.
(30)	1. (US) 60/695,944 - 01/07/2005 & 11/354,800 - 15/02/2006 2. (PCT/US2006/024034) - 22/06/2006 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

## (54) A METHOD FOR ENSURING OF AN APPLICATION IN AN INTERACTIVE MULTIMEDIA ENVIRONMENT

### Patent Period Started From 22/06/2006 and Will end in 21/06/2026

(57) A method for ensuring of an application in an interactive multimedia environment, comprising: receiving an application implementing interactive video and frame-synchronous graphics, detecting the signature status of the application, if the signature status is signed, then giving permission access to a source of local storage and a network resource and if the signature status is unsigned, then denying permission access to a source of local storage and anetwork resource.



(22) 26/07/2007

(21) PCT/NA2007/000780

(44) May 2011

(45) 23/11/2011

(11) 25254

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Academy of Scientific Research & Technology
<b>Egyptian Patent Office</b>

(51)	Int. Cl. <sup>8</sup> C01G 23/00 & C22B 34/12
(71)	<ol> <li>PERUKE INVESTMENT HOLDING. (PROPRIETARY) LIM. (SOUTH AFRICA)</li> <li>3.</li> </ol>
(72)	<ol> <li>PRETORIUS, Gerard</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (IB) 2005/0819 – 27/01/2005 2. (PCT/IB 2005/054236) – 14/12/2005 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

# (54) A METHOD OF PRODUCING TITANIUM Patent Period Started From 14/12/2005 and Will end in 13/12/2025

(57) A method of producing titanium metal from a titanium-containing material includes the steps of producing a solution of M'TiF6 from the titanium-containing material, selectively precipitating M'2TiF6 from the solution by the addition of (M')aXb and using the selectively precipitated M'2TiF6 to produce titanium. M' is a cation of the type which forms a hexafluorotitanate, M' is selected from ammonium and the alkali metal cations, X is an anion selected from halide, sulphate, nitrite, acetate and nitrate and a and b are 1 or 2

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





(22) 31/03/2009

**(21)** · £ T Y/2009

(44) May 2011

23/11/2011 (45)

(11)25255

(51)	Int. Cl. <sup>^</sup> F04F 11/02
(71)	1. ENERGY RECOVERY, INC. (UNITED STATES OF AMERICA) 2. 3.
(72)	<ol> <li>MARTIN, Jeremy, G.</li> <li>STOVER, Richard, L.</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. (US) 60/828,175 – 04/10/2006 2. (PCT/US2007/079674) – 27/09/2007 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

#### **(54)** ROTARY PRESSURE TRANSFER DEVICE Patent Period Started From 27/09/2007 and Will end in 26/09/2027

(57) A pressure transfer device for the transfer of pressure energy from a high pressure fluid stream to a lower pressure fluid stream wherein a generally cylindrical housing contains a rotor having a plurality of channels extending axially therethrough that revolves about a central stator or within a surrounding sleeve and a pair of end covers which slidingly and sealingly interface with respective planar end faces of the rotor. The end covers and the accompanying components of the device are constructed so as to allow the channels to be at least twice filled with a high pressure first liquid during each revolution of the rotor and thus discharge twice the volume of a pressurized second liquid than if they were filled only one with high pressure liquid.

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





- (22) 24/12/2005
- (21) 0539/2005
- (44) June 2011
- (45) 27/11/2011
- (11) 25256

(51)	Int. Cl. <sup>8</sup> A21B 7/00
(71)	1. MAHMOUD MANSOUR MAHMOUD AHMED (EGYPT) 2. 3.
(72)	<ol> <li>MAHMOUD MANSOUR MAHMOUD AHMED</li> <li>3.</li> </ol>
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

# (54) Fine Bread Machine Patent Period Started From 24/12/2005 and Will end in 23/12/2025

(57) This device is nearly as manual twisting of fine loaf of bread, in entering the piece of paste from the top of the first reel which turns contrary to the direction of the second reel, the piece of paste will get out of the first to the second so as the loaf will be completely twisted. This will be similar to the manual twisting and dressing trace will disappear, the to be taken by hand and arranged in the bread tin.

**Egyptian Patent Office** 



<b>(22)</b>	24/07/2007
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(44) April 2011

(45) |  $2^{4}/11/2011$ 

(11) 25257

(51)	Int. Cl. <sup>8</sup> H01R 11/00
(71)	1. OSAMA ABD ELWADOUD ABD ELRASOUL (EGYPT) 2. 3.
(72)	1. OSAMA ABD ELWADOUD ABD ELRASOUL 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	THE SAFE PLUG	
	Patent Period Started From 24/07/2007 and Will end in 23/07/2027	

(57) This equipment fully prevent the dangerous of electrical shock and the dangerous of death any user can use it with full safe this equipment executes the same work of previous one by the same job and efficiency it has the same size.

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(22)	19/08/2008
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(44) April 2011

(45) | ۲9/11/2011

(11) 2525<sup>h</sup>

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(51)	Int. Cl. <sup>8</sup> E01B 9/30
(71)	1. PANDROLL LIMITED (UNITED KINGDOM)
(11)	2.
	3.
(72)	1. COX, Stephen, John
	2. PORRILL John, Phillip
	3. HAMILTON, Robert, John
	NEVIDAL, Jozef
(73)	1.
( - )	2.
(30)	1. (GB) 0603434,2 – 21/02/2006
(00)	2. (PCT/GB2007/000602) – 21/02/2007
	3.
(74)	SOHEIR M. JOSEPH, ATTORNEY
(12)	Patent

## (54) ANCHORING DEVICES FOR RAIL FASTENING CLIPS Patent Period Started From 21/02/2007 and Will end in 20/02/2027

(57) shoulder for use in retaining a railway rail fastening clip, comprising two interconnected spaced- apart walls, between which a portion of the clip to be retained is held when the shoulder is in use, and clip-engaging means, supported by the walls, for engaging a portion of the clip to be retained, does not have any feature or surface which engages the surface of that clip portion which faces downwardly when the clip is in use.

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		(11)	25

(51)	Int. Cl. 8 E01B 1/00, E02B 1/00 & C08G 18/48
(71)	1. BAYER MATERIAL SCIENCE AG (GERMANY) 2. 3.
(72)	<ol> <li>HOFFMANN, Andreas</li> <li>EBERT, Heinz-Dieter</li> <li>KLESCZEWSKI, Bert</li> </ol>
(73)	1. 2.
(30)	1. (DE) 102006003033,8 - 20/01/2006 2. (PCT/EP2007/000234) - 12/01/2007 3.
(74)	SOHEIR M. JOSEPH, ATTORNEY
(12)	Patent

#### (54)BALLAST BODY AND METHOD FOR PRODUCTION OF **BALLAST BODIES**

### Patent Period Started From 12/01/2007 and Will end in 11/01/2027

(57) The present invention relates to ballast bodies and to a method for production of ballast bodies in track and road construction as well as dyke construction, which have high stability and a long useful life, composed of ballast stones and polyurethane foam materials based on a reaction mixture of selected polyisocyanates and selected compounds with groups which can react with isocyanate groups.



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3,1		(11)	25260

(51)	Int. Cl. 8 C11D 3/39, 3/02, 17/00, 3/12 & C01B 15/10
(71)	1. EVONIK DEGUSSA GMBH (GERMANY) 2. 3.
(72)	<ol> <li>LEININGER, Stefan</li> <li>JAKOB, Harald</li> <li>OVERDICK, Ralph</li> </ol>
(73)	1. 2.
(30)	1. (DE) 06117988,3 - 27/07/2006 2. (PCT/EP2007/056404) - 27/06/2007 3.
(74)	SOHEIR JOSEPH PATENT ATTORNEY
(12)	Patent

#### **COATED SODIUM PERCARBONATE PARTICLES (54)** Patent Period Started From 27/06/2007 and Will end in 26/06/2027

(57) Sodium percarbonate particles with a coating layer that contains 70 to 99.8% by weight moisture free sodium sulphate and 0.2 to 2% by weight of a sodium borate, the proportion by weight of the coating layer ranging from 1 to 10% relative to the mass of the sodium percarbonate particles, exhibit high storage stability in detergent and cleaning agent preparations, due to a synergistic effect of sodium sulphate and sodium borate on storage stability, and at the same time have only a low boron content.

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





- (22) 23/12/2007
- (21) **PCT/NA2007/001445**
- (44) | April 2011
- (45) | ۲9/11/2011
- (11) 25261

(51)	Int. Cl. 8 Int. Cl. 8 A01N 25/00 A01C 1/06, A01G 1/00, A01G 5/06, A01N 25/26
(71)	<ol> <li>SYNGENTA PARTICIPATIONS AG (Switzer land)</li> <li>3.</li> </ol>
(72)	<ol> <li>TORRENT PARKER, Marlene</li> <li>SHETTY, Kiran</li> <li>.</li> </ol>
(73)	1. 2.
(30)	1. (PCT/US2006/025187) – 28/06/2006 2. (US) 60/695,143 – 29/06/2005 3.
(74)	SOHEIR JOSEPH PATENT ATTORNEY
(12)	Patent

## (54) LIQUID COMPOSITIONS FOR TREATING PLANT PROPAGATION MATERIALS

### Patent Period Started From 28/06/2006 and Will end in 27/06/2026

(57) The present invention includes a fast-drying liquid composition comprising at least one fungicide and at least one insecticide. The present invention further includes a method for treating plant propagation materials, especially cut seeds, including tubers, against pests, a method for promoting suberization in cut seeds, a method for decreasing the drying time of a liquid pesticide on cut seeds, and a method for selectively loading a pesticide onto the skin side of a cut sees.



<b>(22)</b>	· ٣/12/2008
	1417/2000

 $(21) \mid 1977/2008$ 

(44) June 2011 (45) 29/11/2011

(11) 25262

(51)	Int. Cl. 8 A43B 13/12, 437/12 & B29D 31/518
(71)	1. GEOX S.P.A. A (ITALY) 2. 3.
(72)	1. MARIO, Polegato, Moretti 2. 3.
(73)	1. 2.
(30)	1. (PCT/EP 2006/005906) – 20/06/2006 2. 3.
(74)	MAGDA HAROUN & NADIA HAROUN
(12)	Patent

# (54) VAPOR-PERMEABLE ELEMENT TO BE USED IN COMPOSING SOLES FOR SHOES, SOLE PROVIDED WITH SUCH VAPOR-PERMEABLE ELEMENT, AND SHOE PROVIDED WITH SUCH SOLE

### Patent Period Started From 20/06/2006 and Will end in 19/06/2026

(57) A vapor-permeable element to be used in the composition of soles for shoes, which comprises: - a supporting frame, which delimits substantially at least one large through hole; - a membrane which is impermeable to water and permeable to water vapor and is arranged above the supporting frame so as to cover at least the large through hole; - at least one vapor-permeable or perforated protective layer for the membrane, which is arranged between the supporting frame and the membrane, so as to cover at least the large through hole. The membrane and the protective layer are joined, at least at their perimetric edges, to each other and to said supporting frame; the protective layer, in cooperation with the tread of the sole with which it is associated, is available for contact with the ground during use of the sole.

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(22) 24/01/2008

(44) June 2011

(45) |30/11/2011

(11) | 25263

(51)	Int. Cl. <sup>8</sup> A01N 43/90, A01N 37/46, A01N 37/50, A01N 43/40, A01N 43/50, A01N 43/54, A01N 43/653,A01N 43/76, A01N 43/88, A01N 47/04, A01N 47/12, A01N 47/14, A01N 47/24, A01N 59/20, A01N 3/00
(71)	1. BASF AKTIENGESELLSCHAFT (GERMANY) 2. 3.
(72)	<ol> <li>BECK, Christine</li> <li>NIEDENBRÜCK, Matthias</li> <li>SCHERER, Maria</li> </ol>
(73)	1. 2.
(30)	1. (DE) 102005035688,5 - 27/07/2005 2. (PCT/EP 2006/064463) - 20/07/2006 3.
(74)	TAHA HANAFI MAHOUD
(12)	Patent

# (54) FUNGICIDAL MIXTURES BASED ON AZOLOPYRIMIDINYLAMINES Patent Period Started From 20/07/2006 and Will end in 19/07/2026

(57) Fungicidal mixtures comprising, as active components 1) azolopyrimidinylamines of the formula I,



in which the substituents are as defined in the description and 2) at least one active compound II selected from the following groups: azoles, strobilurins, carboxamides, heterocylic compounds, carbamates and other active compounds selected from the group consisting of guanidines, antibiotics, sulfur-containing heterocyclyl compounds, organophosphorus compounds, organochlorine compounds, inorganic active compounds, growth retardants and cyflufenamid, cymoxanil, dimethirimol, ethirimol, furalaxyl, metrafenone and spiroxamine; in a synergistically effective amount. Methods for controlling harmful fungi using mixtures of the compound I with active compounds II and the use of the compound I with active compounds II for preparing such mixtures, and also compositions comprising these mixtures.

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

**Egyptian Patent Office** 



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(21) PCT/NA2007/000961

(44) June 2011

(45) 30/11/2011

(11) 25264

(51)	Int. Cl. <sup>8</sup> A01N 43/40 & C07D 213/42
(71)	1. BASFAKTIENGESELLSCHAFT(GERMANY) 2. 3.
(72)	<ol> <li>RGAMMENOS, Wassilios</li> <li>RHEINHEIMER. Joachim</li> <li>LOHMANN, Jan Klaas</li> <li>GROTE, Thomas</li> <li>PUHL. Michael</li> </ol>
(73)	1. 2.
(30)	1. (US) 60/662,411 – 16/03/2005 2. (DE) 102005018464,2 – 20/04/2005 3. (EP) 05011598M9 – 30/05/2005 4. (US) 60/776M551- 24/02/2006 5. (PCT/EP2006/060753) – 15/03/2006
(74)	TAHA HANAFI MAHOUD
(12)	Patent

## (54) BIPHENYL – N – (4- PYRIDYL )METHYLSULFONAMIDES

### Patent Period Started From 15/03/2006 and Will end in 14/03/2026

(57) The abstract in English Language (Not more than 100 words) Biphenylsulfonamides of the formula I

$$(R^7)_n \qquad (R^6)_m \qquad O \qquad R^4 \qquad R^8$$

$$-S \qquad -N \qquad -N \qquad N$$

$$-S \qquad -N \qquad R^2 \qquad R^3$$

where

R<sup>1</sup> is hydrogen, alkyl, allyl, propargyl or benzyl;

R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup> are hydrogen, halogen, alkyl, halomethyl, alkoxy, alkylthio, alkylamino or dialkylamino;

 $R^6$ ,  $R^7$  are hydrogen, hydroxy, cyano, nitro, amino, halogen, alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio,  $C_1$ - $C_4$ -alkylcarbonyl, alkoxycarbonyl,  $-C(R^8)$ = $NOR^9$ , alkyl $\neg$ amino $\neg$ , dialkyl $\neg$ amino, alkyl $\neg$ amino $\neg$ carbonyl, dialkyl $\neg$ aminocarbonyl, optionally substituted phenyl or optionally substituted phenoxy;



- (22) 10/09/2007
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- (44) June 2011
- (45) 30/11/2011
- (11) 25265

(51)	Int. Cl. <sup>8</sup>
(71)	1. EMAD M.M EWAIS (EGYPT) 2. 3.
(72)	1. EMAD M.M EWAIS 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

# (54) CONVERSION OF METAL INDUSTRIES FURNACES SLAG INTO SUPER INSULATION AND ULTRA LOW DENSITY CERAMIC FOAM"ASBESTOS FREE " AND POWDERS

### Patent Period Started From 10/09/2007 and Will end in 09/09/2027

(57) This patent aims at conversion of slag product of furnaces of the metallurgical (ferrous) industries into ceramic foam and powders of super insulation (asbestos free) and ultra-low density. This is due to the production of huge quantities of slag along the metallurgical industries, especially the iron and steel industry and their alloys. These quantities of slag cause environmental problems and cost for the steel product. It was concluded that the conversion of blast-furnace slag and metal mixers into Ceramic foam and powders of super insulation and ultra-low density. The conversion of this slag is considered a technological and economic jump on domestic and international level. Also, this patent is considered the slag as a source of the most important Egyptian resources and a useful product should not be watered down.



(22)   ۲ <sup>1</sup> /01/200
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 $(21) \mid \cdot \cdot \circ 1/2004$ 

(44) May 2011

(45) 23/11/2011

(11) 25266

(51)	Int. Cl. <sup>8</sup> E04H 4/12
(71)	1. PISCINES DESJOYAUX S.A (FRANCE) 2. 3.
(72)	<ol> <li>DESJOYAUX Jean - Louis</li> <li>DESJOYAUX, Pierre - Louis</li> <li>JANDROS, Catherine</li> </ol>
(73)	1. 2.
(30)	1. (FR) 0301568 – 06/02/2003 2. 3.
(74)	SAMAR AHMED EL LABBAD
(12)	Patent

(54)	DEVICE FOR CONNECTING PIPES
	Patent Period Started From 28/01/2004 and Will end in 27/01/2024

(57) This device for connecting pipes (1) and (2) between two compartments as of a filtration unit for the water of a swimming pool comprising a compartment (A) submerged in the water and equipped with at least one filtration means and a compartment (B) situated outside of the swimming pool and equipped with at least one suction and return pump, the said compartments (A) and (B) being connected by a common part (C) that straddles the walls of the swimming pool, the filtration means and pump or pumps being connected in combination with the suction (1) and return (2) pipe elements, which have one part (1a) – (2a) situated on the filtration compartment (A) side and one part (1b-2b) situated on the pumping compartment (B), is noteworthy in that it comprises at the common linking part (C), watertight connecting members between the suction (1-a, 1b) and return (2a, 2b) conduit parts, whose thickness is less than the diameter of the various pipe elements (1) and (2



<b>(22)</b>	28/03/2007
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- (44) April 2011
- (45) 30/11/2011
- (11) 25267

(51)	Int. Cl. <sup>8</sup> F24J 2/52
(71)	<ol> <li>LAING, NIKOLAUS, JOHANNES (GERMANY)</li> <li>3.</li> </ol>
(72)	<ol> <li>LAING, Nikolaus, Johannes</li> <li>LAING, Inge</li> <li>HESSE, Andreas</li> </ol>
(73)	1. 2.
(30)	1. (US) 10/935,396 – 08/09/2004 2. (PCT/EP2005/009593) – 07/09/2005 3.
(74)	RAGAII EL DEKKI
(12)	Patent

# (54) FLOATING SOLAR PLATFORM Patent Period Started From 07/09/2005 and Will end in 06/09/2025

(57) The invention relates to a system for producing solar power, comprising a rotating, circular platform that produces solar power and rotates about a vertical axis. Said platform is provided with a plurality of floating troughs with photoelectric cells which are covered by concentrating lenses. The platform is surrounded by a circular, floating ring which is held in place by a device that grips only one area of the circumference of said floating ring.