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

GRANTED PATENT'S ABSTRACTS

Egyptian Patent Office

Issue No 128

January 2007

Prepared
by

Alice Wadie Francis
Mervvet Tawfik Abdallah
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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 January 2007 issue of the periodical "Patent Abstract" which includes bibliographical data and abstracts of patents issued during December 2006 . 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 .

Eng. Nadia I. Abd-allah
Nadia
President,
Egyptian Patent Office

Bibliographic data

Bibliographic data	symbol
Patent Number	11
Patent Kind	12
Application Number	21
Filing Date	22
Priority Number	31
Priority Date	32
Priority Country	33
Issuance Date	45
International Patent Class	51
Title	54
Applicant Name	71
Inventor Name	72
Patentee Name	73
Patent Attorney Name	74

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ABSTRACTS
FOR
GRANTED PATENTS
(January 2007)

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Technology Development & Scientific Services Sector** **Egyptian Patent Office**	EG	(22) 06/12/2004 (21) 20040497 (44) August 2006 (45) 03/12/2006 (11) 23620

(51)	Int. Cl [7] B24B 39/04
(71)	1. ISKANDER AZIZ ISKANDER (EGYPT) 2. 3.
(72)	1. ISKANDER AZIZ ISKANDER 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54) A TOLL FOR BURNISHING OF INTERNAL FREE-FORM SURFACES ON LATHE AUTOMATICALLY

Patent Period Started in 06/12/2004 and Ends in 05/12/2024

(57) This invention relates to a tool for burnishing of internal free-form surfaces in addition to cylindrical and tapered surfaces on center lathe automatically. It can also be used on CNC lathes with more capabilities .The burnishing balls (two or more) roll between the external surfaces of two conical guides and the internal free surface of the part under pneumatic pressure to provide the optimum burnishing force. The pneumatic cylinder is to be fixed to toll post providing the longitudinal feed to the burnishing head until completing the operati-on, then the pressure direction is reversed and the toll is retracted from the bore of the part.

Arab Republic of Egypt Ministry of State for Scientific Research Academy of Scientific Research & Technology Technology Development & Scientific Services Sector Egyptian Patent Office	EG	(22) 26/09/2001 (21) 20011019 (44) June2006 (45) 11/12/2006 (11) 23621

(51)	Int. Cl [7] G06F 19/00
(71)	1. PSG AMERICA,INC (UNITED STATES OF AMERICA) 2. 3.
(72)	1. JACOB T. FOKKEMA 2. PETER M. VAN DEN BERG 3.
(73)	1. 2.
(30)	1. (US) 09/728,266 – 01/12/2000 2. 3.
(74)	MOHAMED KAMEL MOSTAFA
(12)	Patent

(54) METHOD AND SYSTEM FOR DEGHOSING

Patent Period Started in 26/09/2001 and Ends in 25/09/2021

(57) In one embodiment of the present invention, a method for processing a scattered acoustic wavefield is provided. The scattered acoustic wavefield is received by at least two receivers. These receives are offiset and located at approximateley the same depth. The method comprises transforming the scattered acoustic wavefield to the frequency domain .The method also comprises transforming the scattered acoustic wavefield from the frequency domain to the spectral domain. The method also comprises deghosting the scattered acoustic wavefield in the spectral domain. The method further comprises transforming the substantially deghosted transformed acoustic wavefield to the space-time domain.

In an even further embodiment of the present invention, a method for processing a scattered acoustic wavefield received by at least a first set of two receivers and at least a second set two receivers is provided. The first set of two receivers is offset at substantially a first depth which is vertically offset from at least a second set of two receivers offset at substantially a second depth. The method comprises transforming the scattered acoustic wavefield received at the first depth to the frequency domain. The method further comprises transforming the scattered acoustic wavefield received at the second depth to the frequency domain. The method further comprises transforming the scattered acoustic wavefield received at the first depth from the frequency domain to the spectral domain. The method further comprises transforming the scattered acoustic wavefield received at the first depth from the frequency domain to the spectral domain. The method further comprises transforming the scattered acoustic wavefield received at the second depth from the frequency domain to the spectral domain. The method also comprises generating a substantially deghosted scattered acoustic wavefield in the spectral domain . The method further comprises transforming the substantially deghosted scattered acoustic wavefield to the space-time domain.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Technology Development & Scientific Services Sector** **Egyptian Patent Office**	EG	(22) 02/03/2004 (21) 20020092 (44) September2006 (45) 24/12/2006 (11) 23622

(51)	Int. Cl [7] B26F 3/00
(71)	1. ASEM MOHAMED NOUR EL DEAN ZEAN SEAF (EGYPT) 2. 3.
(72)	1. ASEM MOHAMED NOUR EL DEAN ZEAN SEAF 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	**MEDICAL AMPOULE BREAKER**
	Patent Period Started in 2/3/2004 and Ends in 1/3/2024

(57) It is a new medical instrument , to be used in breaking ampoules to replace breaking it with hands directely, so preventing any injury to the hand.

This injury acts as away for exchanging blood diseases from the site of injection, These diseases are fatal that modern medicine failed to cure & the only solution is not to acquire it.

It is a new instrument for a new use.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Technology Development & Scientific Services Sector** **Egyptian Patent Office**	EG	**(22)** 02/01/2002 **(21)** 20020006 **(44)** September2006 **(45)** 24/12/2006 **(11)** 23623

(51)	**Int. Cl** [7] **A61B 18/22**
(71)	**1. DR. BASSEM ABD EL GHANY DARWISH (EGYPT)** 2. 3.
(72)	**1. DR. BASSEM ABD EL GHANY DARWISH** 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	**Patent**

(54)	**NEW TECHNIQUE FOR THE PROPER ILLUMINATION OF THE DEEP SURGICAL FIELDS USING FIBEROPTICS**
	Patent Period Started in 02/01/2002 and Ends in 01/01/2022

(57) New method for improving the illumination of the deep surgical wounds using fiberoptics which is considered as a highly efficient method for transmitting light in non straight pathways avoiding any possible obstacles with minimum heat production in comparison with the intensity of the transmitted light,so that it is considered as the best, cheapest, and the safest method for improving the illumination of the different surgical wounds saving the high costs of the primary and secondary surgical light and the central and separate air – conditioning machines. The method is based on putting one end of the fiberoptic cable into the depth of the surgical wound and the other end is transmitted to a suitable light source and the surgeon , assistant, or the nurse controls the free tip of the fiberoptic by directing it to achieve the best illumination of the surgical field with minimal shadow .

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Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**06/12/2004** **20040498** **September2006** **04/01/2007** **23624**

(51)	**Int. Cl** [7] **G01N 11/00**
(71)	**1. ISKANDER AZIZ ISKANDER (EGYPT)** **2.** **3.**
(72)	**1. ISKANDER AZIZ ISKANDER** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54) A TOOL FOR BURNISHING OF FREE- FORM SURFACES ON MILLING MACHINE AUTOMATICALLY

Patent Period Started in 06/12/2004 and Ends in 05/12/2024

(57) The present invention relates to a tool for burnishing of free-form surfaces in addition to horizontal and inclined plane surfaces on conventional milling machine automatically. It can also be used on CNC machines with more capabilities. The burnishing ball rolls over the profile of the part surface under pressure by means of pneumatic cylinder that is connected to the machine tool holder providing the rotational motion to its piston . The piston is fixed to the burnishing head by a joint with two verniers to accurately set the radius and the inclination of the head.It also slides inside the cylinder during rotation to follow the free shape of part.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 19/09/2004** **(21) 20040401** **(44) July2006** **(45) 10/01/2007** **(11) 23625**

(51)	**Int. Cl [7] B01J 19/24, C01B 21/1, C07C 273/04**
(71)	**1. UREA CASALE SA (SWITZERLAND)** **2.** **3.**
(72)	**1. LORENZO PENNINO** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (EPO) 3021279,9 – 19/9/2003** **2.** **3.**
(74)	**Samar Ahmed Ellabad**
(12)	**Patent**

(54)	**CARBAMATE CONDENSATION METHOD AND UNIT FOR CARRYING OUT SUCH A METHOD**
	Patent Period Started in 19/09/2004 and Ends in 18/09/2024

(57) Method for caramate condensation of a carbon dioxide/ammonia gaseous phase in a liquid phase in a condensation unite of the so-called submerged type comprising a heat exchange tube bundle having a predetermined number of tubes intended for carbamate condensation, wherein the gaseous phase and the liquid phase are fed contemporaneously and independently to each of the tubes intended for condensation.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 29/05/2004** **(21) PCT/NA 2004/000035** **(44) September2006** **(45) 15/01/2007** **(11) 23626**

(51)	**Int. Cl** [7] **A01N 43/36**
(71)	**1. SYNGENTA PARTICIPATIONS AG (SWITZERLAND)** **2.** **3.**
(72)	**1. BIRGIT FORSTER** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (GB) 01283902 – 27/11/2001** **2. (PCT/IB 05241/02 – 25/11/2002** **3.**
(74)	**Soheir Mikhael Rizk**
(12)	**Patent**

(54) SYNERGISTIC SEED TREATMENT COMPOSITIONS

Patent Period Started in 29/05/2004 and Ends in 28/05/2024

(57) An agrochemical composition for the treatment of plant propagation material, comprising at least two active ingredient componenets together with a suitable carrier, component I is I) fluidioxonil (=4-(2,2-difluoro-1,3-benzodioxo1-4-yl) pyrrole-3- carbonitrile) and wherein component II is IIA) azoxystrobin (= methyl(E)-2-{2-[6-(2- cyanophenoxyl (pyrimidin –4-yloxy] phenyl}-3-methoxyacrylate)or IIB) picoxytrobin (= methyl (E)-3- methoxy-2-[2-(6-trifluoromethyl-2- pyridyloxymethyl)phenyl] acrylate) or IIC) kresoxim – methyl (= methyl (E) – methoxyimino [2-(o- tolyloxymethyl) phenyl]acetate.

Arab Republic of Egypt Ministry of State for Scientific Research Academy of Scientific Research & Technology Egyptian Patent Office	EG	(22) 10/01/2005 (21) 20050016 (44) October2006 (45) 29/01/2007 (11) 23627

(51)	Int. Cl [7] E03D 1/14
(71)	1. MAGDY AHMED ALI ZAHRAN (EGYPT) 2. 3.
(72)	1. MAGDY AHMED ALI ZAHRAN 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	WATER CONSUMPTION SAVING SYSTEM
	Patent Period Started in 10/01/2005 and Ends in 09/01/2025

(57) The presented invention is concerned with water consumption saving through performing certain improvements in the cistern mechanism in order to prevent water leakage and control the water output based on requirements.

The new invention includes the use of an eccentric wheel that provides complete control for the filling valve.

Also , it provides high control on the water level by a superficial wheel that turns around its vertical axis in two direction.

Also, there is an additional control on the flush valve together with two control units concerned with the flush distance and the level of the excess water.

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(51)	Int. Cl [7] A01G 9/14
(71)	1. HAYGROVE LIMITED (UNITED KINGDOM) 2. 3.
(72)	1. THOMAS R. CORBETT 2. 3.
(73)	1. 2.
(30)	1. (GB) 0300253,2 – 07/01/2003 2. (PCT/GB2004/000003) – 05/01/2004 3.
(74)	SAMAR EL LABAD
(12)	Patent

(54) POLYTUNNEL SYSTEM

Patent Period Started in 07/07/2005 and Ends in 06/07/2025

(57) A polytunnel system comprises a plurality of cover support members , a series of leg members and a cover. The cover support members are supported by associated ones of the leg members . The cover support members are securable to the leg members at a plurality of different heights .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	(22) 03/05/2005 (21) PCT/NA 2005/000182 (44) October 2006 (45) 05/02/2007 (11) 23629

(51)	Int. Cl [7] B66B 13/00
(71)	1. KONE CORPORATION (FINLAND) 2. 3.
(72)	1. AULANKO ESKO 2. JORMA MUSTALAHTI 3.
(73)	1. 2.
(30)	1. (FI) 20021959 – 04/11/2002 & 20030153 – 31/1/2003 2. (PCT/F 103/00714) – 01/10/2003 & (PCT/F12003/000818) – 04/11/2002 3.
(74)	HODA SERAG EL DIN
(12)	Patent

(54) TRACTION SHEAVE ELEVATOR WITHOUT COUNTERWEIGHT

Patent Period Started in 03/05/2005 and Ends in 02/05/2025

(57) An elevator without counterweight , in which elevator the elevator car is guided by guide rails and suspended by means of diverting pulleys on hoisting ropes so that the elevator has rope portions of the hoisting ropes going upwards and downwards from the elevator car and a number of diverting pulleys in the upper and lower parts of the elevator shaft . The elevator has a drive machine placed in the elevator shaft and provided with a traction sheave . The elevator has compensating device acting on the hoisting ropes for equalizing and / or compensating the rope tension and / or rope elongation . Diverting pulleys are mounted on the elevator car near two side walls, and the rope portions from the traction sheave, from the diverting pulleys in the lower part of the elevator shafts and from the diverting pulleys in the upper part of the elevator shaft to the diverting pulleys mounted on the elevator car extend in a substantially vertical direction, and the rope portions connecting the rope portions from one side of the elevator car to its other side are rope portions between the diverting pulleys mounted near different side walls on the elevator car .

Arab Republic of Egypt Ministry of State for Scientific Research Academy of Scientific Research & Technology Egyptian Patent Office	EG	(22) 15/05/2005 (21) PCT/NA 2005/000224 (44) October 2006 (45) 05/02/2007 (11) 23630

(51)	Int. Cl [7] C21C 5/34, 5/35, C22B 9/05
(71)	1. SMS DEMAG AKTIENGESELLSCHAFT (GERMANY) 2. 3.
(72)	1. PETER HEINRICH 2. MANFRED SCHUBERT 3. ROLF BEST
(73)	1. 2.
(30)	1. (DE) 10253535,3 – 16/11/2002 2. (PCT/EP 2003/010920) – 02/10/2003 3.
(74)	HODA ANIS SERAG ELDIN
(12)	Patent

(54) GAS SUPPLY FOR A METALLURGICAL FURNACE AND OPERATING METHOD FOR SAID SYSTEM

Patent Period Started in 15/05/2005 and Ends in 14/05/2025

(57) The aim of the invention is to damp or suppress oscillation (≤ back – attack effect) in sidewall or base blowing converters, used in particular to produce carbon steel or stainless steel . To achieve this, the gas supply system for the converter comprises an inflow restrictor device, which is positioned upstream or associated with the jets and which periodically reduces or interrupts the gas supply to the interior of the furnace .

Arab Republic of Egypt Ministry of State for Scientific Research Academy of Scientific Research & Technology Egyptian Patent Office	EG	(22) 01/06/2005 (21) PCT/NA 2005/000269 (44) October 2006 (45) 13/02/2007 (11) 23631

(51)	Int. Cl [7] B65D 85/76
(71)	1. FROMAGERIES BEL (FRANCE) 2. 3.
(72)	1. SYLVAIN DAL 2. 3.
(73)	1. 2.
(30)	1. (CH) 02/2051 – 04/12/2002 2. (PCT/ FR 2003/003577 - 03/12/2003 3.
(74)	HODA AHMED ABD EL HADY
(12)	Patent

(54)	POLYPROPYLENE CONDITIONING PACKAGE
	Patent Period Started in 01/06/2005 and Ends in 31/05/2025

(57) The invention concerns a sealed rectangular parallelepiped polypropylene conditioning package with fast tear – off opening for pasty products likely to melt into a semi – liquid state , in particular cheese , consisting of a first sheet cut out along a suitable contour and having a rectangular shell – type shape for receiving the product and for providing a gripping corner for opening the package a cover sheet and two tear – off strips . The gripping corner consists of a triangular projection formed on one of the sides of the first sheet cut out into an octagonal shape and the tear – off strips form a pointed U shape whereof the tip is located in said triangular projection , thereby making it easy and simple to open .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	(22) 30/11/2004 (21) 20040493 (44) October 2006 (45) 13/02/2007 (11) 23632

(51)	Int. Cl [7] A23L 2/56, 1/00,2/395
(71)	1. KRAFT FOODS HOLDINGS INC (UNITED STATES OF AMERICA) 2. 3.
(72)	1. CATHY J. LUDWIG 2. ANILKUMAR G. GAONKLAR 3. CHARLES R. FREY
(73)	1. 2.
(30)	1. (US) 10/726150 – 02/12/2003 2. 3.
(74)	HODA AHMED ABDEL HADY
(12)	Patent

(54) COMPOSITE PARTICLES IMPARTING SEQUENTIAL CHANGES IN FOOD PRODUCTS AND METHODS OF MAKING SAME

Patent Period Started in 30/11/2004 and Ends in 29/11/2024

(57) Composite particles are provided that imparrt unique, entertaining optical and / or organoleptic effects in food products when exposed to an aqueous environment. In one embodiment, the composite particles have a least two layers which, when exposed to an aqueous environment, provide at least two sequential changes in the food product . Such changes can include changes in color or other visual appearance characteristics, flavor and the like , as well as combinations thereof. In another embodiment, the composite particles are included in a powdered beverage mix wherein the powdered beverage mix itself provide the initial sequential change followed, by an appropriate delay , the second sequential change; further sequential changes can be provided , if desired, by providing additional layers with the appropriate optical and / or organoleptic ingredients therein .

Arab Republic of Egypt Ministry of State for Scientific Research Academy of Scientific Research & Technology Egyptian Patent Office	EG	(22) 24/11/2004 (21) 20040487 (44) October 2006 (45) 13/02/2007 (11) 23633

(51)	Int. Cl [7] A23C 19/032, A23L 1/226, 1/23	
(71)	1. KRAFT FOODS HOLDINGS INC (UNITED STATES OF AMERICA) 2. 3.	
(72)	1. BENJAMIN E. DIAS 2. CHAD D. GALER 3. JAMES W. MORAN	4. RATHNA KOKA 5. 6.
(73)	1. 2.	
(30)	1. (US) 10/723257 – 26/11/2003 2. 3.	
(74)	HODA AHMEDABDEL HADY	
(12)	Patent	

(54) CHEESE FLOVORING SYSTEMS PREPARED WITH BACTEROCINS

Patent Period Started in 24/11/2004 and Ends in 23/11/2024

(57) A stabilized xheese flavoring system which can be used to prepare very different cheeses having desired flavor profiles in which the flavoring system is stabilized against the growth of spoilage or pathogenic microorganisms therein , while flavor development can be accelerated in one more of its flavor components thereof. The stabilized flavoring systems are obtained by addition of a bacterocin source as part of fermentation process that accelerates the fermentation time needed for flavor development in one or more of its flavor components, and in at least a sulfur – cheddary component thereof in one embodiment. Therefore, production times can be significantly reduced for one or more of the flavor components of the flavoring system of the present invention without loss of flavor and while improving its microbial stability .

Arab Republic of Egypt Ministry of State for Scientific Research Academy of Scientific Research & Technology Egyptian Patent Office	EG	(22) 28/07/2004 (21) 20040319 (44) October 2006 (45) 13/02/2007 (11) 23634

(51)	Int. Cl [7] G01V 3/28, 3/30		
(71)	1. SCHLUMBERGER SEACO INC (PANAMA) 2. 3.		
(72)	1. KUO CHIANG CHEN 2. RICHARD A. ROSTHAL 3. CHARLES KIBBE	4. GARY A. HAZEN 5. THOMAS D. BARBER 6. ROBERT C. SMITH	7. STEPHEN D. BONNER 8. DAVID T. OLIVER
(73)	1. 2.		
(30)	1. (US) 10604622 – 05/08/2003 2. 3.		
(74)	HODA AHMED ABDEL HADY		
(12)	Patent		

(54) APPARATUS AND METHODS FOR REDUCING BOREHOLE CURRENT EFFECTS

Patent Period Started in 28/07/2004 and Ends in 27/07/2024

(57) A well logging tool includes a conductive mandrel; an antenna array disposed around the conductive mandrel, wherein the antenna array comprises a plurality of antennas disposed on insulating supports and at least one contact spacer, the at least one contact spacer having at least one conductor channel having a contact assembly disposed therein; and a sleeve disposed over the antenna array, wherein the sleeve includes at least one electrode, the at least one electrode and the contact assembly adapted to provide a radially conductive path from an exterior of the well logging tool to the conductive mandrel .

Arab Republic of Egypt Ministry of State for Scientific Research Academy of Scientific Research & Technology Egyptian Patent Office	EG	(22) 31/10/2004 (21) 20040460 (44) September 2006 (45) 29/02/2007 (11) 23635

(51)	Int. Cl [7] G01D 13/00
(71)	1. ABD EL RAHMAN FATHY MOHAMED FARAG (EGYPT) 2. 3.
(72)	1. ABD EL RAHMAN FATHY MOHAMED FARAG 2. 3.
(73)	1. 2.
(30)	1. 2. 3.
(74)	
(12)	Patent

(54)	ORIENTAL XYLOPHONE
	Patent Period Started in 31/10/2004 and Ends in 30/10/2024

(57) A musical instrument joins to the group of the hammering musical instruments such as the xylophone , marimba and glockenspiel which the player plays on it by two small woody hammers so he knocks a metallic strip which deferent in tones due to it's length each two strips fixed and prepared to turn around its longitudinal axis so the upper strip gives the complete or perfect tone and the lower one gives the 3 quarters tone or the opposite owing to the player well and the tone requirement .

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

GRANTED PATENT'S ABSTRACTS

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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 January 2007 issue of the periodical "Patent Abstract" which includes bibliographical data and abstracts of patents issued during December 2006 . 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 .

Eng. Nadia I. Abd-allah
Nadia
President,
Egyptian Patent Office

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Inventor Name	72
Patentee Name	73
Patent Attorney Name	74

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VN	Viet Nam
YD	Yemen
YU	Yugoslavia
ZA	South Afica-
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe
LA	Latfya

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**21/12/1995** **19951060** **December2006** **09/05/2007** **23683**

(51)	**Int. Cl [7] A61K 9/12,9/127,9/72,31/56**
(71)	**1. ASTRA AKTIEBOLAG (SWEDEN)** **2.** **3.**
(72)	**1. KATARINA BYSTROM** **2. PER-GUNNAR NILSSON** **3.**
(73)	**1.** **2.**
(30)	**1. (SE) 9404466/6 – 22/12/1994 & 9502369/3 – 30/06/1995** **2.** **3.**
(74)	**Hoda Ahmed Abdel Hady**
(12)	**Patent**

(54)	**PROCESS FOR THE PREPARATION OF POWDERS FOR INHALATION AND POWDERS OBTAINABLE THERBY**
	Patent Period Started in and Ends in20/12/2015

(57) A proliposome powder, said powder comprising in a single phase discrete particles of a biologically active component together with a lipid or mixture of lipids having a phase transition temperature of below 37C

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**14/01/1997** **19970046** **December2006** **09/05/2007** **23684**

(51)	**Int. Cl [7] A61K 31/52,9/20**
(71)	**1. SMITHKLIN BEECHAM PLC (UNITED KINGDOM)** **2.** **3.**
(72)	**1. MICHAEL J. GREENWAY** **2. JENNIFER M. SLATER** **3.**
(73)	**1. NOVARTIS INTERNATIONAL PHARMACEUTICAL LTD(BERMUDA)** **2.**
(30)	**1. (GB) 9/9600847 – 16/01/1996** **2.** **3.**
(74)	**Hoda Ahmed Abdel Hady**
(12)	**Patent**

(54)	**PHARMACEUTICALS**
	Patent Period Started in and Ends in13/01/2017

(57) A pharmaceutical tablet wherein famciclovir is the active ingredient and wherein the percentage of famciclovir by weight in the tablet is 85% or greater.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**26/04/1998** **19980451** **December2006** **09/05/2007** **23685**

(51)	**Int. Cl [7] A61K 38/48 , 47/26 & A 61P 7/02**
(71)	**1. ELI LILLY AND COMPANY (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. ANDREW D. CARLSON** **2. THEODORE A. SHELIGA** **3.**
(73)	**1.** **2.**
(30)	**1. (US) 60/045255 – 28/04/1997** **2.** **3.**
(74)	**Hoda Ahmed Abdel Hady**
(12)	**Patent**

(54) ACTIVATED PROTEIN C. FORMULATIONS

Patent Period Started in and Ends in25/04/2018

(57) The present invention relates to pharmaceutical formulations of activated protein C which comprises sucrose, sodium chloride and sodium citrate buffer at a PH between about 5.5 and 6.5. The activated protein C formulations of the present invention are more stable than formulations of activated protein C and demonstrate fewer degradation products over time.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**12/08/2003** **20030791** **December2006** **09/05/2007** **23686**

(51)	**Int. Cl [7] B29C 45/46 & B29B 13/06 & B29C 47/62**
(71)	**1. Dr.Eng. MOHAMED YOUSSEF GAAFAR (EGYPT)** **2.** **3.**
(72)	**1. Dr.Eng. MOHAMED YOUSSEF GAAFAR** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**A SYSTEM FOR DRYING, BLENDING, AND FEEDING OF PLASTIC FLAKES INTO INJECTION MOLDING MACHINES**
	Patent Period Started in 12/08/2003 and Ends in11/08/2023

(57) This invention relates to a system for drying, blending , and force feeding of plastic raw materials of the FLAKE configuration, first grade or second grade.

This system is compact and erectable on the machine directly instead of the Hooper. It is also fully automatic with the machine production cycle.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**17/01/1996** **19960047** **January2007** **13/05/2007** **23687**

(51)	**Int. Cl** [7] **A61K 9/20,9/24, 31/565 , 31/567,31/57**
(71)	**1. AMERICAN HOME PRODUCTS CORPORATION (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. REGINALD J. BARCOMB** **2.** **3.**
(73)	**1. WYETH (UNITED STATES OF AMERICA)** **2.**
(30)	**1. (US) 08/373667 – 17/01/1995** **2.** **3.**
(74)	**Hoda Ahmed Abdel Hady**
(12)	**Patent**

(54)	**CONTROLLED RELEASE OF STEROIDS FROM SUGAR COATINGS**
	Patent Period Started in and Ends in16/01/2016

(57) A sugar coating composition for application to a compressed medicinal tablet comprising a sugar, a dose of a hormonal steroid and a steroid release rate controlling amount of microcrystalline cellulose.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**14/09/2004** **0395/2004** **February2007** **12/05/2007** **23688**

(51)	**Int. Cl** [7] **B63B 35/00**
(71)	**1. MOHSEN NEGM ATTIA NEGM (EGYPT)** **2.** **3.**
(72)	**1. MOHSEN NEGM ATTIA NEGM** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**A NEW PILOTAGE METHOD (SEA STAR PILOT AGE MARKS)**
	Patent Period Started in 14/09/2004 and Ends in 13/09/2024

(57) Aiming to increase ships safety rate during navigation in shallow water (channels & rivers, etc) and to reach nearly the level of zero accidents or decrease greatly the chance of accidents, innovation of a brand new method that hasa 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 it Sea Star Pilot age Marks It is fixed to cannal floor or bottom of channel or00 etc and it is exactly on equal distances and have an enough heihgt 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 optimumcourse, 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 shoose determined points with fixed and equal distances and fix the new created polotage marks on these points.

So it will be received very clearly by ships eco sounder (sonar) as long as the ship on the optimum course and if she is still using it (degrees and position) but in casse 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 to the optimum course and to be sure of that the pilotage marks must be shown clearly on ships eco sounder (sonar).

This is the add we talk about which will realllly increase the required safety rate.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**18/11/2003** **PCT/NA 2003000003** **February2007** **13/05/2007** **23689**

(51)	**Int. Cl [7] A61M 5/32,5/50**
(71)	**1. SERGIO RESTELLI (ITALY)** **2. NARDINO RIGHI (ITALY)** **3. ROBERTO ROSSI (ITALY)**
(72)	**1. SERGIO RESTELLI** **2. NARDINO RIGHI** **3. ROBERTO ROSSI**
(73)	**1.** **2.**
(30)	**1. (IT) (PCT/IT 2002/000730) – 18/11/2002** **2.** **3.**
(74)	**Wagdy Nabeeh Azziz**
(12)	**Patent**

(54) GUARD MECHANISM ATTACHABLE TO STANDARD SYRINGES TO MAKE THEM INTO DISPOSABLE AUTOMATIC SAFETY SYRINGES AND RELATIVE DISPOSABLE AUTOMATIC SAFETY SYRINGE

Patent Period Started in 18/11/2003 and Ends in17/11/2023

(57) In a syringe comprising a syringe body hollow on the inside, a plunger slidable in the syringe body and provided at the rear with a shaft that can be operated manually, an injection needle engageable to the front end of the syringe body by means of a needle-carrier , there is attached guard mechanism comprising a sleeve, a spring and a abutment member for the spring . The abutment member is mounted in the head of the syringe and the spring is disposed between the sleeve and the abutment member . The sleeve can pass from a retracted position of use, wherein the needle protrudes forward therefrom to a forward position` of safety, wherein it covers the needle.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**15/07/2003** **20030686** **June 2006** **14/05/2007** **23690**

(51)	**Int. Cl [7] B60S 9/04**
(71)	**1. MOHAMED ABD EL AZIZ OSMAN MOHAMED (EGYPT)** **2.** **3.**
(72)	**1. MOHAMED ABD EL AZIZ OSMAN MOHAMED** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**A NOVEL JACK FOR LIFTING TYRE**
	Patent Period Started in 15/07/2003 and Ends in 14/07/2023

(57) This invention relates to a novel jack for lifting tyre . It includes several joint parts easy folded so that it does not take space in the car. This jack is made of iron and pivoted on four wheels which could be directed to all directions . It has two drums to fix the tyre over them and to facilitate its rotation . The two drums are connected with spiral thread . It characterized in that it facilitate the process of changing tyre and it could used whith all cars .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**14/08/2004** **20040349** **December 2006** **14/05/2007** **23691**

(51)	**Int. Cl [7] C09D 5/00**
(71)	**1. NATIONAL RESEARCH CENTER (EGYPT)** **2.** **3.**
(72)	**1. PROF. ALTAF HALIM BASTA MAKKAR** **2. PROF. HOUSSNI El-SAIED MOHAMED ALI** **3. MAHA ZAKARIA SAIED SULTAN**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	**FOCAL POINT-PATENT OFFICE- PRESENTED BY MAGDA MOHASSEB EL SAYED AND OTHERS**
(12)	**Patent**

(54)	**PRODUCTION AND APPLICATION OF ENVIRONMENT – FRIENDLY BIOPOLYMERS FOR THE PROTECTION OF ENVIRONMENT FROM TOXIC FORMALDEHYDE OF WOOD – PRODUCT ADHESIVE**
	Patent Period Started in 14/08/2004and Ends in 13/08/2024

(57) The inventionprovides a new adhesive system of wood products made from incorporating biopolymers with an amino resin (urea formaldehyde) . The biopolymers have improved reduction of formaldehyde of adhesive system . The environmental performance of the prepared lignocellulosic composites were evaluated towards the effect of investigated biopolymers on the precentage of free formaldehyde and the adhesion properties (mechanical and physical properties) of the produced composite , in comparison to that prepared from un- modified urea – formaldehyde in presence or absence of hardener .

The objective of this patent also focused on upgrading of agricultural wastes (e.g., sugar – cane agasse) in production of high performance lignocellulosic (artificial wood) fulfill the equirements of Grade H-3 in particle – board standards (ANSI) .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**16/08/2004** **20040351** **December 2006** **14/05/2007** **23692**

(51)	**Int. Cl** [7] **B01D 13/04, 5/00**	
(71)	**1. NATIONAL RESEARCH CENTER (EGYPT)** **2.** **3.**	
(72)	**1. ENG. AYMAN TAHA ABD EL AZEM** **2. DR. SAFAA ABD EL RAOUF AHMED** **3. DR. AHMED TALAAT**	**4. DR. NABIL MAHMOUD ABD EL MONEAM** **5.DR. AHMED NASR EL DIN MOHAMED MAHDY**
(73)	**1.** **2.**	
(30)	**1.** **2.** **3.**	
(74)	**FOCAL POINT-PATENT OFFICE- PRESENTED BY** **MAGDA MOHASSEB EL SAYED ,AMAL YOUSSEF AMAL YOUSSEF AHMED** **MONA MOHMED FARID**	
(12)	**Patent**	

(54)	**FABRICATION OF POLYAMIDE MEMBRANE BY PHASE INVERSION PROCESS**
	Patent Period Started in 16/08/2004 and Ends in 15/08/2024

(57) This study addresses the fabrication of polyamide membrane sheets by phase inversion . The controlling parameters of the process have been defined . The characteristics of the prepared membrane sheets that include the permeability , morphology and the departure pressure have been investigated . The results indicate that , the casted membrane has been categories into : micro,ultra and nano membrane filters and the characterization of theses membrane have been defined . It is also concluded that the prepared membrane could operate under pressure up to 50 bar , according to the polymeric conc ., temp range up to 70 0c and in pH range 2-12 . Further, the evaluation of the performance indicated that this type of membrane could be efficiently used for separation of relatively high molecular weight organic matter .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**21/11/2004** **PCT/NA 2004000127** **February2007** **15/05/2007** **23693**

(51)	**Int. Cl** [7] **C07C 315/02, 317/44,323/14,323/60**
(71)	**1. CEPHALON INC (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. DENIS LARGEAU** **2. GILLES ODDON** **3.**
(73)	**1.** **2.**
(30)	**1. (US) 60/383.173 – 23/05/2002 & 10/443.327 – 22/05/2003** **2. (US) PCT/US 03/16379 – 23/05/2003** **3.**
(74)	
(12)	**Patent**

(54)	**PREPARATIONS OF A SULFINYL ACETAMIDE**
	Patent Period Started in 21/11/2004 and Ends in 20/11/2024

(57) The present invention provides processes for the preparation of modafinil which includes the step of reacting benzhydrylthiol and chloroacetamide

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**15/12/1998** **19981550** **December2006** **15/05/2007** **23694**

(51)	**Int. Cl** [7] **C07D 417/12, A61K 31/425**
(71)	**1. SMITHKLINE BEECHAM PLC (UNITED KINGDOM)** **2.** **3.**
(72)	**1. PAUL D. BLACKLER** **2. DAVID C.LEE** **3. MICHAEL J. SASSE**
(73)	**1.** **2.**
(30)	**1. (GB) 9726568.0 – 16/12/1997** **2.** **3.**
(74)	**Hoda Anis Serag El Din**
(12)	**Patent**

(54)	**NOVEL PHARMACEUTICAL**
	Patent Period Started in and Ends in 15/12/2018

(57) A hydrate of 5- {4-(N-methyl-N-(2-pyridyl) amino) ethoxy } benzyl} thiazolidine –2,4- dione, maleic acid, characterised in that it:

(i) comprises water in the range of from 0.2 to 1.1% w/w ; and

(ii) provides an infra red spectrum containing peaks at 764 and 579 cm-1; and/or

(iii) provides an X-ray powder diffraction (XRPD) pattern substantially a process for the preparation of such a compound , a pharmaceutical composition containing such a compound and the use of such a compound or composition in medicine .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**17/05/2003** **0462/2003** **January2007** **15/05/2007** **23695**

(51)	**Int. Cl [7] C08G 63/78, 63/88**
(71)	**1. E.I. DU PONT DE NEMOURS AND COMPANY (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. VIVEK KAPUR** **2. GOVINDASAMY P. RAJENDRAN** **3. KENNETH W. LEFFEW**
(73)	**1.** **2.**
(30)	**1. (US) 10/150234 – 17/05/2002** **2.** **3.**
(74)	**Hoda Anis Serag El Dein**
(12)	**Patent**

(54)	**PROCESS FOR CRYSTALLIZING AT LEAST A PORTION OF A CRYSTALLIZABLE CONSIDERATION HOMOPOLYMER TO FORM**
	Patent Period Started in 17/05/2003 and Ends in 16/05/2023

(57) A process for forming solid particles comprising the steps of combining in molten form a major component of a crystallizable condensation homopolymer and a minor component of a non-crystallizable cordensation polymer, wherein the crystallizable condensation homopolymer and the non – crystallizable condensation polymer each have a degree of polymerization of 10 to less than 48 prior to the combining mixing the combined crystallizable condensation homopolymer and non- crystallizable condensation polymer in molten form to form a mixture thatcomprises 10 to 30 mol% of the non – crystallizable condensation polymer ; forming the mixture into droplats ; exposing the droplets to a thermal environment which results in the bulk of the droplet resching within 15 seconds a temperature within 110 ℃ of the temporature at which the miximum rate of crystallization of the crystallizable condensation homopolymer occurs; and crystallizing at least a portion of the crystallizable condensation homopolymer in the mixture to form solid particles

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**12/06/2005** **PCT/NA 2005000289** **December2006** **15/05/2007** **23696**

(51)	**Int. Cl** [7] **C01G 67/04**	
(71)	**1. ENI SPA (ITALY)** **2. SNAMPROGETTI SPA (ITALY)** **3. ENITECNOLOGIE SPA (ITALY)**	
(72)	**1. ROMOLO MONTANARI** **2. MARIO MARCHIONNA** **3. NICOLETTA PANARITI**	**4. ALBERTO DELBIANCO** **5. SERGIO ROSI**
(73)	**1.** **2.**	
(30)	**1. (IT) (MI2002A 002713) – 20/12/2002 & IT (MI2003A000693) – 08/04/2003** **2. (EP) (PCT/EP 2003/014544) – 12/12/2003** **3.**	
(74)		
(12)	**Patent**	

(54) PROCESS FOR THE CONVERSION OF HEAVY FEEDSTOCKS SUCH AS HEAVY CRUDE OILS AND DISTILLATION RESIDUES

Patent Period Started in 12/06/2005 and Ends in 11/06/2025

(57) Process for the conversion of heavy feedstocks selected from heavy crude oils, distillation residues , heavy oils coming from catalytic treatment , thermal tars, oil sand bitumens , various kinds of coals and other high – boiling feedstocks of a hydrocarbon origin known as black oils, by the combined use of the following three process units : hydroconversion with catalysts in slurry phase part of the heavy feedstock and/or at least most of the stream containing asphaltenes obtaned in the deasphalting unit with a suitable hydrogenation catalyst and sending the mixture obtained to a hydrotreatment reactor (HT) into which hydrogen or a mixture of hydrogen and H2 sending the stream containing the hydrotreatment reaction product and the catalyst in dispersed phase to one or more distillation or flash steps (D) whereby the different fractions coming from the liquid the flsh unit, containing the catalyst in dispersed phase, rich in metal sulfides produced by demetallation of the feedstock and possibly coke, to the deasphalting zone (SDA) in the presence of solvents, optionally also fed with at least a fraction of the heavy feedstock, obtaining two streams, one consisting of deasphalted oil (DAO) and the other containing asphaltenes, characterized in that a fraction of the stream containing as phaltenes, coming from the deasphalting section (SDA), called flushing stream, is sent to a treament section with a suitable solvent for the separation of the product into a solid fraction and a liquid fraction from which said solvent can be subsequently removed

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**24/04/2005** **PCT/NA 2005000160** **December2006** **15/05/2007** **23697**

(51)	**Int. Cl [7] A01K 61/00**
(71)	**1. TORMOD DRENGSTIG (NORWAY)** **2. ASBJORN DRENGSTIG (NORWAY)** **3. IVAR KOLLSGARD (NORWAY)**
(72)	**1. TORMOD DRENGSTIG** **2. ASBJORN DRENGSTIG** **3. IVAR KOLLSGARD**
(73)	**1.** **2.**
(30)	**1. (NO) 20025122 – 25/10/2002** **2. (NO) (PCT/NO 2003/000344) – 17/10/2003** **3.**
(74)	**Samar Ahmed EL labbad**
(12)	**Patent**

(54)	**DEVICE FOR SHELLFISH FARMING**
	Patent Period Started in 24/04/2005 and Ends in23/04/2025

(57) Device for cage for shellfish farming , where the cage is place in the sea or in a tank with water and where the cage's one side is provided with openings, for instance a grid and where the cage's other sides preferably are closed and where the cage is arranged so it can be turned so that said one side provided with openings faces upwards in a vertical feeding positions, or faces sideways in a horizontal eating and resting positions, or faces downwards in a vertical emptying position, as these positions are achieved by means of the fish farming cage being placed on or by a transporter.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 13/07/2005** **(21) PCT/NA 2005000385** **(44) February2007** **(45) 15/05/2007** **(11) 23698**

(51)	**Int. Cl [7] C01G 47/14 ,45/62 & B01J 23/40 ,23/42 , 23/44 , 35/10, 21/12 & C01G 65/12,65/10,65/00**
(71)	**1. INSTITUT FRANCAIS DU PETROLE (FRANCE)** **2. ENI,S.P.A. (ITALY)** **3.**
(72)	**1. ERIC BENAZZI** **2. PATRICK EUZEN** **3.**
(73)	**1.** **2.**
(30)	**1. (FR) 03/00945 –27/01/2003** **2. (FR) (PCT/FR 2004/000101) – 16/01/2004** **3.**
(74)	**Magda Shehata Haroun**
(12)	**Patent**

(54) METHOD FOR THE PRODUCTION OF MIDDLE DISTILLATES BY HYDROISOMERISATION ET HYDROCRACKING OF CHARGES ARRISING FROM THE FISCHER-TROPSCH METHOD

Patent Period Started in 13/07/2005 and Ends in 12/07/2025

(57) The invention relates to a method for the production of middle distillates from a paraffin charge produced by Fischer- Tropsch synthesis, using a hydrocraching/hydroisomerisation catalyst comprising at least one hydrogenating dehydrogenating element selected from the group consisting of noble elements of group VIII of the periodic table of elements, a non-zeolithic support based on silica-alumina containing more than 5 wt.% and less than or equal to 95wt.% silica (Sio_2), a porous median diameter measured by mercury-pump porosimeter of 20- 140 A, a total porous volume measured by mercury-pump porosimeter of 0.1 ml/g 0.6 ml/g,a total porous volume measured by nitrogen-pump porosimeter of 0.1 ml/g 0.6 ml/g, a specific BET surface of 100-550 m^2/g, a porous volume measured by mercury-pump porosimeter in pores whose diameter is more than 140A of less than 0.1ml/g, a porous volume measured by mercury-pump porosimeter in pores whose diameter is more than 160A of less than 0.1 ml/g. a porous volume measured by mercury-pump porosimeter in pores whose diameter is more than 200 A of less than 0.1 ml/g, a porous volume measured by mercuty-pump porosimeter in pores whose diameter is more than 500 A of less than 1.10 ml/g and an X diffraction diagram containing at least the main lines characteristic of at least one of the transition aluminas included in the group made up of alpha, rho chi, eta, gamma, kappa, theta et delta aluminas.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**20/09/2004** **20040403** **December2006** **21/05/2007** **23699**

(51)	**Int. Cl [7] E21B 49/02 & G01N 3/00**
(71)	**1. NATIONAL RESEARCH CENTER (EGYPT)** **2.** **3.**
(72)	**1. Prof. Dr. Eng. AHMED HOSNY MOHAMED ABDEL-RAHMAN** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	**FOCAL POINT-PATENT OFFICE- PRESENTED BY** **MAGDA MOHASSEB EL SAYED ,AMAL YOUSSEF AMAL YOUSSEF AHMED** **MONA MOHMED FARID**
(12)	**Patent**

(54) DEVELOPMENT OF A MULTI-FUNCTION APPARATUS FOR TESTING REINFORCED SOILS

Patent Period Started in 20/09/2004 and Ends in 19/09/2024

(57) Soil-reinforcement technology has become a widely acceptable approach for constructing earth structures, such as roadways and earth dams, since early 1970's.

Development in the polymer-based reinforcements (geosynthetics) provided the necessary products to advance this technology. The simple premise behind earth reinforcement is to add inclusions in the soil continuum to resist tensile forces, and hence increase soil shear and tensile resistance. It has been proven that each type of geosynthetics interacts differently with soils, depending on the soil type and the geometrical and mechanical nature of the geosynthetic sheet.

As a result, the geosynthetic sheet must be tested with the same soil type to be used in the earth structure to measure its actual pullout force. Also the soil shear strength and the sheet tensile resistance must be measured in a large scale size.

Therefore, a large scale multi-function apparatus was designed and manufactured to perform the three types of tests with the same devive, instrumentation and loading systems.

Hydraulic vertical and horizontal jacking system to apply the load; displacement and stress sensors; and data acquisition systems were used to measure and collect the data of the tests during performance.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**17/01/2007** **20050028** **November2006** **22/05/2007** **23700**

(51)	**Int. Cl [7] F16L 59/02 , 9/18**
(71)	**1. GAZ TRANSPORT ET TECHNIGAZ (FRANCE)** **2.** **3.**
(72)	**1. JACQUES DHELLEMMES** **2. PIERRE MICHALSKI** **3.**
(73)	**1.** **2.**
(30)	**1. (FR) 0400509 – 20/10/2004** **2.** **3.**
(74)	**Samar Ahmed El labbad**
(12)	**Patent**

(54)	**THERMALLY INSULATED PIPELINE**
	Patent Period Started in 17/01/2005 and Ends in 16/01/2025

(57) Thermally insulated pipeline comprising from the inside to the outside :

- a first sealed pipe
- a first thermal insulation layer
- a second sealed pipe
- a second thermal insulation layer, a- ballast , and
- a sealed , impact – resistant protective casing .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**23/02/2005** **20050095** **December2006** **22/05/2007** **23701**

(51)	**Int. Cl [7] H04M 1/03**
(71)	**1. MICROSOFT CORPORATION (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. MICHAEL J. SINCLAIR** **2. XUNEDONG D. HUANG** **3. ZHENGYOU ZHANG**
(73)	**1.** **2.**
(30)	**1. (US) 10/785,768 –24/02/2004** **2.** **3.**
(74)	**Samar Ahmed Ellabbad**
(12)	**Patent**

(54)	**METHOD APPARATUS FOR MULTI-SENSORY SPEECH ENHANCEMENT ON A MOBILLE DEVICE**
	Patent Period Started in23/02/2005 and Ends in 22/02/2025

(57) A mobile device is provided that includes a digit input that can be manipulated by a user's fingers or thumb, an air conduction microphone and an alternative sensor that provides an alternative sensor signal indicative of speech. Under some embodiments , the mobile device also includes a proximity sensor that provides a proximity signal indicative of the distance from the mobile device to an object . Under some embodiments, the signal from the air conduction microphone , the alternative sensor signal , and the proximity signal are used to form an estimate of a clean speech value. In further embodiments, a sound is produced through a speaker in the mobile device based on the amount of noise in the clean speech value. In other embodiments, the sound produced through the speaker is based on the proximity sensor signal .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**16/01/2005** **20050027** **January2007** **24/05/2007** **23702**

(51)	**Int. Cl [7] G01V 1/38**
(71)	**1. PGS AMERICAS INC (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. SVEIN T. VAAGE** **2. STIG R. TENGHAMN** **3. CLAES N. BORRESEN**
(73)	**1.** **2.**
(30)	**1. (US) 10/792.510 – 10/03/2004** **2.** **3.**
(74)	**Mohamed Kamel Mostafa**
(12)	**Patent**

(54)	**SENSORS IN MARINE SEISMIC STREAMERS**
	Patent Period Started in 16/01/2005 and Ends in 15/01/2025

(57) Signals of pressure sensors and particle motion sensors located in marine seismic streamers are combined to generate pressure senor data and particle motion data with substantiallty the same broad bandwidth . The noisy low frequency part of the ,motion signals are calculated from the recorded pressure signals and merged with the non-noisy motion signals. The two broad bandwidth data sets can then be combined to calculate the full up-and-down-going wavefields.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**11/04/2005** **20050180** **February2007** **27/05/2007** **23703**

(51)	**Int. Cl [7] A23L 1/00 & A21D 13/00 & A23C 19/16**	
(71)	**1. KRAFT FOODS HOLDINGS,INC (UNITED STATES OF AMERICA)** **2.** **3.**	
(72)	**1. ANILKUMAR G. GAONKAR** **2. LAURA HERBST** **3. WEIZHI CHEN**	**4. DENNIS A. KIM** **5.** **6.**
(73)	**1.** **2.**	
(30)	**1. (US) 10/826709 – 16/04/2004** **2.** **3.**	
(74)	**Hoda Ahmed Abdel Hady**	
(12)	**Patent**	

(54) MULTILAYER EDIBLE MOISTURE BARRIER FOR FOOD PRODUCTS

Patent Period Started in 11/04/2005 and Ends in10/04/2025

(57) An edible multilayer moisture barrier for food products is provided for separating food components having different water activities and preventing or significantly inhibiting movement of water between the food components. The edible multilayer moisture barrier of the present invention includes a lipid layer and a flexible hydrophobic layer.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG ٤٠٠٤	**(22)** **(21)** **(44)** **(45)** **(11)**	**21/04/2004** **20040185** **February2007** **27/05/2007** **23704**

(51)	**Int. Cl** [7] **A 23C19/09 , 19/086**	
(71)	**1. KRAFT FOODS HOLDINGS. INC (UNITED STATES OF AMERICA)** **2.** **3.**	
(72)	**1. AMMA M. ABBOUD** **2. JACKIE R. EPPS** **3. TIMOTHY D. BABCOCK**	**4. AMBER OKWUOSAH** **5.** **6.**
(73)	**1.** **2.**	
(30)	**1. (US) 10/420185 – 22/04/2003** **2.** **3.**	
(74)	**Hoda Ahmed AbdEl Hady**	
(12)	**Patent**	

(54) SHELF-STABLE SHREDDED CHEESE

Patent Period Started in 21/04/2004 and Ends in20/04/2024

(57) The present invention provides shelf-stable shredded cheeses and methods of preparing such shelf-stable shredded cheeses using combination of natural or process cheese, a cheese powder, glycerin, and a filler . The shredded cheeses of this invention are shelf-stable at ambient temperatures, have good organoleptic properties, and exhibit good melt restriction and essentially no browning upon melting. The shredded cheeses of this invention are especially adapted for incorporated into, or use on or with , snack foods (e.g.,chips) for retail sale which can be stored at ambient temperatures.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**22/09/2004** **20040407** **October2006** **27/05/2007** **23705**

(51)	**Int. Cl** [7] **G01V 3/00**
(71)	**1. SCHLUMBERGER HOLDINGS LIMITED (BRITISH VIRGIN ISLANDS)** **2.** **3.**
(72)	**1. DEAN M. HOMAN** **2. GERALD N. MINERBO** **3. SOFIA DAVYDYCHEVA**
(73)	**1. SCHLUMBERGER SEACO INC (REPUBLIC OF PANAMA** **2.**
(30)	**1. (US) 10/605375 – 25/09/2003** **2.** **3.**
(74)	**Hoda Ahmed AbdEl Hady**
(12)	**Patent**

(54) SEMI-CONDUCTIVE SHELL FOR SOURCES AND SENSORS

Patent Period Started in 22/09/2004 and Ends in21/09/2024

(57) A composite shell adapted to cover a source or sensor, particularly for subsurface applications. The shell provides transparency to the passage of signals to or from the source or sensor . The shell is adapted with a uniform semi-conductive surface providing a path for electric currents flowing within a subsurface borehole to short near the source or sensor.

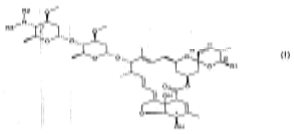
Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**27/08/2002** **20020967** **February2007** **27/05/2007** **23706**

(51)	**Int. Cl [7] C07H 19/01 , A01N 43/90**
(71)	**1. SYNGENTA PARTICIPATIONS AG (SWITZERLAND)** **2.** **3.**
(72)	**1. HANS TOBLER** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (CH) 1598/01 – 28/08/2001** **2.** **3.**
(74)	**Hoda Ahmed Abdel Hady**
(12)	**Patent**

(54) 4-DEOXY- 4''-(S)-AMINO AVERNECTIN DERIVATIVES

Patent Period Started in 27/08/2002 and Ends in 26/08/2022

(57) A description is given of compounds of the formula



Which in the 4'' position has the (s) – configuration and wherein
R_1 is C_1-C_{12} alkyl, C_3-C_8 cycloalkyl; or C_2-V_{12} alkenyl;
R_2 is hydrogen, optionally substituted C_1-C_{12} alkyl or optionally substituted C_2-C_{12} alkenyl;
R3 is C_1-C_{12} alkyl C_1-C_{12} alkyl, optionally substituted C_3-C_{12} alkyl, optionally substituted
C_1-C_{12} alkoxy C_1-C_{12} alkyl,optionally substituted C_1-C_{12} C_3-C_{12} cycloalkyl,optionally substituted C_1-C_{12} alkenyl ; optionally substituted C_4-C_{12} cycloalkenyl, optionally substituted C_2-C_{12} alkynyl;
or R_2 and R3 together are a three to seven-membered alkylene or four-to seven-membered alkenylene bridge in each of which a CH2 group may have been replaced by O,S or NR_4

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**27/04/2005** **PCT/NA 2005000171** **February2007** **27/05/2007** **23707**

(51)	**Int. Cl** [7] **F25J 1/00**
(71)	**1. CONOCOPHILLIPS COMPANY (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. NED P. BAUDAT** **2. BOBBY D. MARTINEZ** **3. PAUL R. HAHN** **4. HANS P. WEYRMANN** **5. WESLEY R. QUALLS**
(73)	**1.** **2.**
(30)	**1. (US) 10/286.292-01/11/2002** **2. (US) (PCT/US 2003/034624) – 10/10/2003** **3.**
(74)	**Hoda Ahmed Abdel Hady**
(12)	**Patent**

(54) MOTOR DRIVEN COMPRESSOR SYSTEM FOR NATURAL GAS LIQUEFACTION

Patent Period Started in 27/04/2005 and Ends in26/04/2025

(57) Natural gas liquefaction system employing electric motors as compressor drivers. A combination of motors and steam turbines can be powered by a cogeneration plant and employed as drivers.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**04/04/2004** **PCT/NA 2004000009** **February2007** **27/05/2007** **23708**

(51)	**Int. Cl** [7] **C23G 1/01 & C07C 51/265 , 63/26**	
(71)	**1. BP CORPORATION NORTH AMERICA INC (UNITED STATES OF AMERICA)** **2.** **3.**	
(72)	**1. FRANK G. BELMONTE** **2. KENNETH J. ABRAMS** **3. JAMES JR. DELANEY**	**4. SCOTT G. KRAMER** **5. DAVID L. SIKKENGA** **6.**
(73)	**1.** **2.**	
(30)	**1. (US) 60/ 327464 – 05/10/2001 & 10/255339– 26/09/2002** **2. (US) PCT/US 02/31162 – 30/09/2002** **3.**	
(74)	**Hoda Ahmed Abdel Hady**	
(12)	**Patent**	

(54) METHOD OF REMOVING IRON OXIDE DEPOSITS FROM THE SURFACE OF TITANIUM COMPONENTS

Patent Period Started in 04/04/2004 and Ends in 03/04/2024

(57) Disclosed is a method and solvent composition capable of removing iron oxide deposits from the surface of titanium components without substantially damaging the underlying titanium component. Iron oxide deposits may be removed from the surface of a titanium component by contacting the titanium component with the solvent composition of the invention. The solvent composition may then be removed from contact with the titanium component to obtain a recyclable solvent composition which is recycled into repeated contact with the titanium component. The solvent composition comprises an aqueous mixture of an organicacid and a hydrohalide acid.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**23/08/2004** **0363/2004** **February2007** **27/05/2007** **23709**

(51)	**Int. Cl** [7] **A47J 27/00**
(71)	**1. ISLAM ALY HANAFY HASSAN (EGYPT)** **2.** **3.**
(72)	**1. ISLAM ALY HANAFY HASSAN** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Utility Model**

(54)	**PAIN FOR POTAOES AND CHICKEN**
	Patent Period Started in23/08/2004 and Ends in 22/08/2011

(57) It is a new idea for a pan in the kitchen, its made of aluminum to be cheap in its price and most of people use it. Its about pan used for fried potatoes and the half fried ones, chicken and another different food which need frying without any fear of firing oil.

Also it avoid the drops of oil which getting out of the pan from falling on the kitchen range, the ground, the wall and the skin of the chief.

We can use small amount of oil for frying.

And we have added two hands for it to be easy in changing its place during or after use.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**23624**

(51)	**Int. Cl** [7]
(71)	**1.** **2.** **3.**
(72)	**1.** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	
	Patent Period Started in and Ends in
(57)	

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG ج.م.ع	**(22)** **(21)** **(44)** **(45)** **(11)**	**23624**

(51)	**Int. Cl** [7]
(71)	**1.** **2.** **3.**
(72)	**1.** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	
	Patent Period Started in and Ends in
(57)	

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

GRANTED PATENT'S ABSTRACTS

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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 January 2007 issue of the periodical "Patent Abstract" which includes bibliographical data and abstracts of patents issued during December 2006 . 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 .

Eng. Nadia I. Abd-allah
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Egyptian Patent Office

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Patent Attorney Name	74

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TN	Tunisia
TR	Turkey
TW	Taiwan
UG	Uganda
US	United states Of America
UY	Uruguay
VE	Venezuela
VN	Viet Nam
YD	Yemen
YU	Yugoslavia
ZA	South Afica-
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe
LA	Latfya

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 18/03/2003** **(21) 20030271** **(44) February2007** **(45) 06/06/2007** **(11) 23710**

(51)	**Int. Cl [7] C01G 45/00**	
(71)	**1. CHEVRON U.S.A INC. (UNITED STATES OF AMERICA)** **2.** **3.**	
(72)	**1. UJJAL K. MUKHERJEE** **2. WAI SEUNG W. LOUIE** **3. ARTHUR J.DAHLBERG**	**4. DENNIS R. CASH**
(73)	**1.** **2.**	
(30)	**1. (US) 10/104185– 21/03/2002** **2.** **3.**	
(74)	**MOURICE WAHBA MOUSA**	
(12)	**Patent**	

(54)	**NEW HYDROERACKING PROCESS FOR THE PRODUCTION OF HIGH QUALITY DISTILLATES FROM HEAVY GAS OILS**
	Patent Period Started in 18/03/2003 and Ends in 17/03/2023

(57) This invention is directed to processes for the conversion of material boiling in the vacuum gas oil boling range to high quality middle distillates and / or naphtha and lighter products, and more particularly to a multiple stage process using a single hydrogen loop. One embodiment is directed to the use of hot strippers and separators between the first and second stages, while second embodiment is directed to temperature control between hydrocracking and hydrotreating zones . All embodiments employ a single hydrogen loop .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**28/04/2004** **20040194** **March 2007** **06/06/2007** **23711**

(51)	**Int. Cl** [7] **C08F 240/00,F28B 1/06**
(71)	**1. MAHMOUD MOHAMED FAHIM MAHROUS (EGYPT)** **2.** **3.**
(72)	**1. MAHMOUD MOHAMED FAHIM MAHROUS** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**PROCESSING OF PETROLEUM CONDENSATES DERIVED FROM NATURAL AND ASSOCIATED GASES IN EXISTING CRUDE DISTILLATION UNITS IN PETROLEUM REFINERIES**
	Patent Period Started in 28/04/2004 and Ends in 27/04/2024

(57) Petroleum condensates derived from natural and associated gases have widely different specifications than those of crude oils. Therefore , the process design of condensate distillation units has major differences from that of crude distillation units .

The patent is an innovative processing scheme for using the existing crude distillation units in petroleum refineries for condensate distillation without modifications in the major equipment of these units and maintaining it's capabilities to process crude oils or blends of crude oils and condensate whenever required .

The implementation of this patent in refineries does not require major additional investments .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**20/08/2005** **PCT/NA 2005000477** **February2007** **07/06/2007** **23712**

(51)	**Int. Cl** [7] **A23L 1/01**		
(71)	**1. FRITO-LAY NORTH AMERICA INC (UNITED STATES OF AMERICA)** **2.** **3.**		
(72)	**1. DAVID L. BARRY** **2. COLIN J. BURNHAM** **3. PRAVIN M. DESOI** **4. PONNATTU K. JOSEPH**	**5. HENRY K. LEUNG** **6. JOHN R. MASSON** **7. MOHAN V. RAO** **8. ROBERT W. SAUNDERS**	**9. JAMES W. STALDER** **10.MICHAEL G. TOPOR**
(73)	**1.** **2.**		
(30)	**1. (US) 10/371448– 21/02/2003** **2. (PCT/US 2004/003414) – 06/02/2004** **3.**		
(74)	**SAMAR AHMED EL LABBAD**		
(12)	**Patent**		

(54) METHOD FOR REDUCING ACRYLAMIDE FORMATION IN THERMALLY PROCESSED FOODS

Patent Period Started in 20/08/2005 and Ends in 19/08/2025

(57) A process and apparatus for a method for reducing the amount of acrylamide in thermally processed foods . This invention permits the production of foods having significantly reduced levels of acrylamide . The method relies on the manipulation of various unit operations used in the production of food products, particularly the washing and cooking , unit operations. For example, the washing unit operation can be modified to provide a contacting step at an increased time and temperature, and adding components as calcium chloride and L-cysteine to an aqueous solution used for the contacting . The cooking unit operation can be modified by dividing it into at least a higher- temperature first heating step and a lower – temperature second heating step in order to avoid the high- temperature/ lowmoisture conditions most favorable for acrylamide formation

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 18/09/2005** **(21) PCT/NA 2005000547** **(44) February2007** **(45) 07/06/2007** **(11) 23713**

(51)	**Int. Cl [7] F25J 1/02**
(71)	**1. AIR PRODUCTS AND CHEMICALS INC (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. MARK J. ROBERTS** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (US) 10/391390 – 18/03/2003** **2. (PCT/IB 2004/000946) – 16/03/2004** **3.**
(74)	**SAMAR AHMED EL LABBAD**
(12)	**Patent**

(54) INTEGRATED MULTIPLE – LOOP REFRIGERATION PROCESS FOR GAS LIQUEFACTION

Patent Period Started in 18/09/2005 and Ends in17/09/2025

(57) A gas is liquefied by cooling successively through at least two temperature ranges by vaporization of respective refrigerants with the vaporizing refrigerant providing the coldest temperature range further vaporizing at temperatures above the highest temperature of that range. The partially vaporized refrigerant that provided the coldest temperature range preferably is further vaporized against a compressed return vapor in a recirculating refrigeration system .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 15/08/2005** **(21) PCT/NA 2005/000459** **(44) February2007** **(45) 07/06/2007** **(11) 23714**

(51)	**Int. Cl [7] C07C 273/04 & B01J 10/00**
(71)	**1. UREA CASALE SA (SWITZERLAND)** **2.** **3.**
(72)	**1. FEDERICO ZARDI** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (PCT/EP 2004/000234) 15/01/2004** **2. (EP) 03003878,0 – 21/02/2003** **3.**
(74)	**SAMAR AHMED EL LABBAD**
(12)	**Patent**

(54)	**PROCESS AND PLANT FOR THE PRODUCTION OF AREA**
	Patent Period Started in 15/08/2005 and Ends in 14/08/2025

(57) A process for urea production comprises the step of :- performing a reaction between ammonia and carbon dioxide in a reaction space to obtain a reaction mixture comprising urea , carbamate and free ammonia in aqueous solution, - subjecting said mixture to a stripping treatment with carbon dioxide feed as a stripping agent to obtain a first flow comprising ammonia and carbon dioxide in vapor phase and a flow comprising urea and residual carbamate in aqueous solution, - feeding said flow comprising urea and residual carbamate in aqueoue solution to a urea recovery section,- separating in said recovery section said residual carbamate from the urea to obtain a first flow of carbamate in aqueous solution .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**03/11/2004** **20040463** **February 2007** **07/06/2007** **23715**

(51)	**Int. Cl** [7] **A61B 5/04 , A61N 1/08**
(71)	**1. DR. AHMED ABD EL AZIZ AHMED ABD EL RAZIK (EGYPT)** **2. ENG. ADEL ABD EL AZIZ AHMED ABD EL RAZIK (EGYPT)** **3.**
(72)	**1. DR. AHMED ABD EL AZIZ AHMED ABD EL RAZIK** **2. ENG. ADEL ABD EL AZIZ AHMED ABD EL RAZIK** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**DEVICE FOR STOPPING ABNORMAL ELECTRIC ACTIVITY IN THE BRAIN CAUSING EPILEPSY**
	Patent Period Started in 03/11/2004 and Ends in 02/11/2024

(57) The device consists of 2 parts :

1- The first parts is connected with an electrode made of special alloy and placed on the front of the patient during treatment by the device

2- The secound part which forms the base of the device consists of a wire connected with an electric source , a voltametre and moving key (which connect and disconnect the electric current and the voltametre each separtely) .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 12/02/2005** **(21) 20050060** **(44) January 2007** **(45) 12/06/2007** **(11) 23716**

(51)	**Int. Cl [7] A47J 17/20**
(71)	**1. MAHMOUD NASR EL DIN MOHAMED (EGYPT)** **2.** **3.**
(72)	**1. MAHMOUD NASR EL DIN MOHAMED** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54) AUTOMATIC MILK-VESSEL

Patent Period Started in 12/02/2005 and Ends in 11/02/2025

(57) This device is an automatic milk – vessel (of the heat resistance plastic) exhipites A cover-moveable- to get the milk inside the vessel or outside it easly – the work which can be done using the place specialled – light passless – because of its netting separator (allow with the milk) ; also the arm of this milk – vessel consists the operator – key , and inside it some of the operating devices .

Also the vessel exhipites another operator – key built on a normally path which Allow to the key by the moving normally – accordigng to the countity of the milk inside the vessel0

Also the power supply – (220v –50 hz) – place inside a standard which can Be separated away the vessel, to becom the vessel easy to use.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**09/08/2005** **PCT/NA 2005/000436** **February 2007** **12/06/2007** **23717**

(51)	**Int. Cl [7] E21B 44/00**
(71)	**1. KEY ENERGY SERVICES INC (UNITES STATES OF AMERICA)** **2.** **3.**
(72)	**1. FREDERIC M. NEWMAN** **2. KEVIN NORTHCUTT** **3.**
(73)	**1.** **2.**
(30)	**1. (US) 60/447,342 - 14/02/2003** **2. (PCT)/US 2004/004411) - 13/02/2004** **3.**
(74)	**HODA ANIS SERAGE EL DIN**
(12)	**Patent**

(54) WARNING DEVICE TO PREVENT CLUTCH BURNING ON A WELL

Patent Period Started in 09/08/2005 in 11/02/2025 08/08/2025

(57) This invention is generally directed towards a system designed to assist the rig operator by alerting him/her that the air pressure is too low to be using the drum clutch , to provide a log for studies on rig operation technique, and to provide a training tool for rig operators. If the pressure on the clutch bladder is above a predetermined range , the clutch is allowed to engage . If the signal is below the range, the clutch is assumed to have not been engaged . If the signal is within the range , the clutch is not allowed to engage and the rig operator is notified of the problem .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**15/10/2005** **PCT/NA 2005/000646** **March 2007** **17/06/2007** **23718**

(51)	**Int. Cl ^{7} F23D 14/06 & F24C 3/02**
(71)	**1. SO.M.I.PRESS – SOCIETA METALLI INIETTATI SPA (ITALY)** **2.** **3.**
(72)	**1. PAOLO SERENELLINI** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (IT) (PS 2003 A 000017) - 18/04/2003** **2. (PCT/IT 2004/000198) - 09/04/2004** **3.**
(74)	**WAGDY NABIH AZIZ**
(12)	**Patent**

(54)	**IMPROVED CROWN FOR GAS COOKER BURNERS**
	Patent Period Started in 15/10/2005 and Ends in 14/10/2025

(57) The present invention refers to an improved crown gas cooker burners, provided with a reticulation of stiffening ribs on the lower side, in order to reduce the risk of deformation during extraction from the mould and cooling.

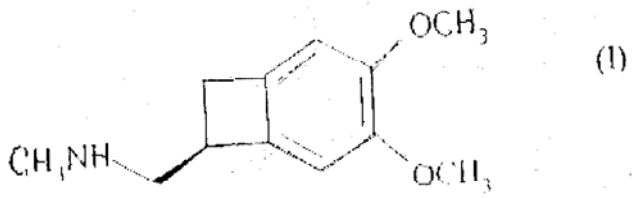
Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 19/02/2005** **(21) 20050088** **(44) January 2007** **(45) 17/06/2007** **(11) 23719**

(51)	**Int. Cl [7] C07C 213/10 & C07B 57/00**	
(71)	**1. LES LABORATOIRES SERVIER (FRANCE)** **2.** **3.**	
(72)	**1. JEAN M. LERESTIF** **2. ISAAC GONZALES BLANCO** **3. JEAN – PIERRE LECOUVE**	**4- DANIEL BRIGOT**
(73)	**1.** **2.**	
(30)	**1. (FR) 04/05453 - 19/05/2004** **2.** **3.**	
(74)		
(12)	**Patent**	

(54) NEW PROCESS FOR THE SYNTHESIS OF (I-S)-I-5- DIMETHOXY-1-(METHYLAMINOMETHYL)-BENZOCYCLOBUTANE AND ADDITION SALTS THEREOF, AND APPLICATION THE SYNTHESIS OF IV ABRADINE AND ADDITION SALTS THEREOF WITH A PHARMACEUTICALLY ACCEPTABLE ACID

Patent Period Started in 19/02/2005 and Ends in 18/02/2025

(57) Process for the synthesis of the compound of formula (1):-



(I)

Application in the synthesis of ivabradine.addition salts thereof with a pharmaceutically acceptable acid hydrates thereof.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**08/08/2004** **20040336** **March 2007** **18/06/2007** **23720**

(51)	**Int. Cl [7] H02K 35/00 & E01F 8/00 & F03G 7/08**
(71)	**1. HASSAN ELSAYED MOHAMED HAMZA (EGYPT)** **2.** **3.**
(72)	**1. HASSAN ELSAYED MOHAMED HAMZA** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**POWER GENERATION FROM SOUND**
	Patent Period Started in 08/08/2004 and Ends in 07/08/2024

(57) Design:

1- Source to product sound (cassette, computer or slide)
2- Amplify one sound unit doom by amplifier or equalizer.
3- Pass it through a converter to change the number of dooms (speed).
4- Pass it through speaker.
5- The compressed air from sound and speaker membrane will go to cylindrical room it's diameter is the same as the speaker.
6- Compressed air will push springs at the end of cylindrical room.
7- The spring will reciprocate an ram
8- The ram will trandfer the, otion to a gear box
9- Gear box will give motion to the transmission of the car .
10- Reverse motion and speed can be controlled by converter.

By this desgin we can produce mechanicale and electrical power as required.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 17/11/2004** **(21) 20040475** **(44) February 2007** **(45) 20/06/2007** **(11) 23721**

(51)	**Int. Cl [7] B60P 1/10**
(71)	**1. MOHAMED SAMIR ABDEL SALAM (EGYPT)** **2.** **3.**
(72)	**1. MOHAMED SAMIR ABDEL SALAM** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**A2- TONNE PICK – UP DIST INGUISHED BY A RATIO IF THE PAYLOADTO THE CURB WEIGHT GREATER THAN UNITY GRADEFUL FOR/PICK – UP TO 4.5**
	Patent Period Started in 17/11/2004 and Ends in 16/11/2024

(57) A2 – tonne pick – up which has the same size and dimensions of the pick – ups known in the local and international markets the pick – up has only one wheel on each side of the seas axle the chassis , genbox , seas axle , supensian and fulfill the seqwied specifications of pertformance comfort and safety .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 24/09/2005** **(21) PCT/NA 2005/000571** **(44) March 2007** **(45) 25/06/2007** **(11) 23722**

(51)	**Int. Cl ^{7} C02F 1/461, C25B 15/00, C25B 9/20**
(71)	**1. HENDRIK M. ZILVOLD (NETHERLANDS)** **2.** **3.**
(72)	**1. GERRIT A. ZILVOLD** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. PCT/NL 2003/000234 - 27/03/2003** **2.** **3.**
(74)	**GEORGE AZIZ ABD EL MALEK**
(12)	**Patent**

(54) APPARATUS FOR CARRYING OUT AN ELECTROLYTIC PROCESS ON A HALOGENIDE COMPOUND

Patent Period Started in 24/09/2005 and Ends in 23/09/2025

(57) The present invention relates to an apparatus for carrying out an electrolytic process on a halogenide compound , in which apparatus several electrolytic cells are electrically connected in series , which electrolysis cells each comprise a cell element, provided with underlying Supply pipes for supplying electrolyte and with collecting discharge pipes disposed near the upper side thereof for discharging electrolyte and the gases formed during the electrolytic process, a cathode compartment including a cathode and an anode compartment including an anode, and a diaphragm or semi-permeable membrane, in which the electrolytic cells have been pressed together between two end plates with a certain bias, so that each anode compartment and each cathode compartment is constructed as one unit together with the supply pipes and the collecting discharge pipes .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**07/06/2005** **PCT/NA 2005/000277** **March 2007** **27/06/2007** **23723**

(51)	**Int. Cl** [7] **A24D 1/00**
(71)	**1. PHILIP MORISS PRODUCTS SA (SWITZERLAND)** **2.** **3.**
(72)	**1. CHARLES G. ATWELL** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (US) 10/314337 - 09/12/2002** **2. (PCT/US 2003/038745) - 08/12/2003** **3.**
(74)	**HODA ANIS SERAG EL DIN**
(12)	**Patent**

(54)	**FOAM INJECTION DEVICE AND METHOD OF FILLING CAVITIES**
	Patent Period Started in 07/06/2005 and Ends in 06/06/2025

(57) A system and method for adding material such as foam material to spaced cavities or areas within a cigarette filler or filter rod . A belt is provided and adapted to be driven synchronously with a moving cigarette filter or filter rod . A plurality of injection needles protrude from the bell at spaced intervals with the spacing between the needles coinciding with a spacing between the cavities within a cigarette filter or filter rod . A chamber containing an expandable foam material is in fluid communication with one or more of the injection needles at one or more positions along a path traveled by the injection needles

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**10/08/2005** **PCT/NA 2005/000448** **March 2007** **27/06/2007** **23724**

(51)	**Int. Cl** [7] **F16L 15/06**
(71)	**1. TENARIS CONNECTIONS AG (LIECHTENSTEIN)** **2.** **3.**
(72)	**1. MOROTTI MATTEO** **2. DELL E. DIEGO** **3. DELLA P. GIUSEPPE**
(73)	**1.** **2.**
(30)	**1. (IT) (RM 2003 A 000065) - 13/02/2003** **2. (PCT/EP 2004/001252) - 11/02/2004** **3.**
(74)	**HODA ANIS SERAG EL DIN**
(12)	**Patent**

(54)	**A THREADED JOINT FOR TUBES**
	Patent Period Started in 10/08/2005 and Ends in09/08/2025

(57) Described herein is a threaded joint , in which the thereads are coated with a layer of dry lubricant having a thickness of between 5 pm and 30pm and in which the nominal void volume NW of the space between the thread of the male tube and the thread of the female tube is sized by means of the following formulae, where OD is the nominal outer diameter and wt is the thickness of the wall of the pipes .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 17/08/2005** **(21) PCT/NA 2005/000469** **(44) March 2007** **(45) 28/06/2007** **(11) 23726**

(51)	**Int. Cl [7] C02F 1/76, 1/56**
(71)	**1. THE PUR WATER PURIFICATION PRODUCTS INC(UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. PHILIP F. SOUTER** **2. COLIN URE** **3.**
(73)	**1.** **2.**
(30)	**1. (US) 10/371864 - 21/02/2003** **2. (PCT/US 2004/005270 - 23/02/2004** **3.**
(74)	**HODA AHMED ABD EL HADY**
(12)	**Patent**

(54) WATER TREATMENT COMPOSITIONS WITH MASKING AGENT

Patent Period Started in 17/08/2005 and Ends in 16/08/2025

(57) A composition for disinfecting contaminated drinking water . The composition can include a disinfecting agent for disinfecting or sanitizing the water and a masking agent for masking or minimizing undesired characteristics of the disinfecting agent , such as taste and odor . The disinfecting agent can be a halogen – based disinfecting agent , such a chlorine – based disinfecting agent . The masking agent can be a chlorine compatible masking agent or flavorant such as a citrus fruit derived flavor The composition can also include a substrate . The substrate can be a clay , zeolite, water-soluble carrier, water – insoluble carrier, or mixtures thereof. The flavorant can be loaded onto the substrate . The composition can include other components, such as a primary coagulant, a coagulant aid, a bridging flocculant, a polymeric material, an alkali agent, an autocatalytic oxidant, and mixtures thereof .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 09/08/2005** **(21) 20050361** **(44) March 2007** **(45) 28/06/2007** **(11) 23727**

(51)	**Int. Cl [7] A23L 1/09,1/29,1/30, A61K 31/575**	
(71)	**1. KRAFT FOODS HOLDINGS INC (UNITED STATES OF AMERICA)** **2.** **3.**	
(72)	**1. JOHN B. TOPINKA** **2. ANILKUMAR G. GAONKAR** **3. ANDREW MCPHERSON**	**4. JOHN W. FINLEY**
(73)	**1.** **2.**	
(30)	**1. (US) 10/9151147 - 10/08/2004** **2.** **3.**	
(74)	**HODA AHMED ABD EL HADY**	
(12)	**Patent**	

(54)	**COMPOSITIONS AND PROCESSES FOR WATER- DISPERSIBLE PHYTOSTEROLS AND PHYTOSTANOLS .**
	Patent Period Started in 09/08/2005 and Ends in 08/08/2025

(57) Plant sterols and plant sterol esters have been shown to be cholesterol – reducing agents in human serum . In the present invention, plant sterols and plant stanols are incorporated into compositions which are dispersible in water by complexing the hydrophobic lipids with water- soluble carbohydrates . The resulting plant sterol- carbohydrate complexes are in an aqueous or powder form which can be readily incorporated with food products in an amount effective to reduce serum cholesterol levels in a human consuming such food product, without adversely modifying the organoleptic properties of the food product .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**27/12/2004** **20040533** **March 2007** **28/06/2007** **23728**

(51)	**Int. Cl** [7] **A23C 20/00, 21/06, 19/09**
(71)	**1. KRAFT FOODS HOLDINGS INC (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. TED R. LINDSTROM** **2. AMANDA D. MEHRING** **3. HEATHER M. HUDSON**
(73)	**1.** **2.**
(30)	**1. (US) 10/748626 - 31/12/2003** **2.** **3.**
(74)	**HODA AHMED ABD EL HADY**
(12)	**Patent**

(54) CREAM CHEESE MADE FROM WHEY PROTEIN POLYMERS

Patent Period Started in 27/12/2004 and Ends in 26/12/2024

(57) This invention relates to a cheese product and a novel method for preparing a cheese product . More specifically , this invention relates to cream cheese product prepared using an edible fat and polymerized whey protein , as a protein source obtainable from a whey protein concentrate. A cream cheese product prepared according to the present method exhibits an unexpected increase in firmness and has excellent syneresis properties.

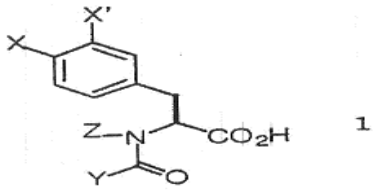
Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 22/08/1998** **(21) 19980981** **(44) February 2007** **(45) 28/06/2007** **(11) 23729**

(51)	**Int. Cl** [7] **C07C 233/87, 229/38 & C07D 215/54 & A61K 31/16, 31/41**	
(71)	**1. F. HOFFMANN-LA ROCHE AG (SWITZERLAND)** **2.** **3.**	
(72)	**1. LI CHEN** **2. ROBERT W. GUTHRIE** **3. ACHYUT HARAO SIDURRI**	**4. JEFFERSON W. TILLEY** **5. TAI-NANG HUANG**
(73)	**1.** **2.**	
(30)	**1. (US) 60/056718 - 22/08/1997** **2.** **3.**	
(74)	**HODA AHMED ABD EL HADY**	
(12)	**Patent**	

(54) N-ALKANOYLPHENYLALANINE DERIVATIVES

Patent Period Started in and Ends in

(57) Compounds of the formula :



1

As well as their salts and esters are disclosed wherein X,X',Z, and Y are as described in the specification and which have activity as inhibitors of binding between VCAM-1 and cells expressing VLA-4. Such compounds are useful for treating diseases whose symptoms and/or damage are related to the binding of VCAM –1 to cells expressing VLA-4 .

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

GRANTED PATENT'S ABSTRACTS

Egyptian Patent Office

Issue No 135 Augest 2007

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TG	Togo
TH	Thailand
TN	Tunisia
TR	Turkey
TW	Taiwan
UG	Uganda
US	United states Of America
UY	Uruguay
VE	Venezuela
VN	Viet Nam
YD	Yemen
YU	Yugoslavia
ZA	South Afica-
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe
LA	Latfya

Abstracts
For
Granted Parents
(July 2007)

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 22/05/2004** **(21) PCT/NA2004/000031** **(44) April 2004** **(45) 01/08/2007** **(11) 23751**

(51)	**Int. Cl [7] A01C 1/06**
(71)	**1. SYNGENTA PARTICIPATIONS AG - SWITZERLAND** **2.** **3.**
(72)	**1. DIANE ZIMMERMANN** **2. NATHALIE NURDIN** **3. ERIC ALLEMANN** **4. ERIC DOELKER** **5. ROBERT GURNY** **6. ERICV VAN DER DRIFT** **7. RUUD SCHEFFER** **8. STEFAN BAUM**
(73)	**1.** **2.**
(30)	**1. (GB) 128134,4 – 23/11/2001** **2. (IB) (PCT/IB 37548/02) - 22/ 11/2002** **3.**
(74)	**Mrs. Soheir Mekhaeel Rizk**
(12)	**Patent**

(54) A PRODUCT FOR USE IN AGRICULTURE OR HORTICULTURE
Patent Period Started in 22/05/2004 and Ends in 21/05/2024

(57) The invention relates to a product for use in agriculture or horticulture comprising a capsule dissolving or disintegrating the presence of humidity wherein at least a seed and a controlled release system comprising an agrochemical compound is located.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 19/09/2005** **(21) PCT/NA 2005/000555** **(44) February 2007** **(45) 05/08/2007** **(11) 23752**

(51)	**Int. Cl [7] C04B 28/14 & E04C 2/04**		
(71)	**1. UNITED STATES GYPSUM COMPANY (UNITED STATES OF AMERICA)** **2.** **3.**		
(72)	**1. MARK H. ENGLERT** **2. RICHARD B. STEVENS** **3. STEVEN W. SUCESH**	**4 . THERESE A. FULTS** **5. MICHAEL J. PORTER** **6. BRUCHAEL PETERSEN**	**7. RUSSEL A. DOMBECK** **8.** **9.**
(73)	**1.** **2.**		
(30)	**1. US 60/455782– 19/03/2003** **2. (PCT/US 2004/008538) - 19/ 03/2004** **3.**		
(74)	**Samar Ahmed EL labbad**		
(12)	**Patent**		

(54) ACOUSTICAL PANEL COMPRISING INTERLOCKING MATRIX OF SET GYPSUM AND METHOD FOR MAKING SAME

Patent Period Started in19/09/2005 and Ends in 18/09/2025

(57) An acoustical panel comprising a continuous phase of an interlocking set gypsum matrix and a method of preparing an acoustical panel from a mixture comprising calcined gypsum, a foaming agent, cellulosic fibers,lightweight aggregate, binder as well as further additives .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 25/08/2005** **(21) PCT/NA 2005/000499** **(44) February 2007** **(45) 05/08/2007** **(11) 23753**

(51)	**Int. Cl [7] B22D 11/06 , 11/16 , 21/04 , 27/20 & C22F 1/06**		
(71)	**1. COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISTION** **2. (AUSTRALIA)** **3.**		
(72)	**1. DANIEL D. LIANG** **2. WENDY BORBIDGE** **3. DANIEL R. EAST**	**4. ROSE V. ALLEN** **5. DAVID I. RENSHAW** **6. COLLEEN J. BETTLES**	**7. MARK A. GIBSON**
(73)	**1.** **2.**		
(30)	**1. AU 900971/2003 – 28/02/2003** **2. (PCT/AU 2003/001243) - 22/ 09/2003** **3.**		
(74)	**Samar Ahmed EL labbad**		
(12)	**Patent**		

(54) MAGNESIUM ALLOY SHEET AND ITS PRODUCTION

Patent Period Started in 25/08/2005 and Ends in24/08/2025

(57) A method of producing magnesium alloy strip, suitable for use in the production of magnesium alloy sheet by rolling reduction and heat treatment, involves casting magnesium alloy as strip, using a twin roll casting installation. In the casting, the thickness and temperature of the strip exiting from between rolls of the installation are controlled whereby the strip has a microstructure characterised by a primary phase having a form selected from deformed dendritic, equiaxed dendritic and a mixture of deformed and equiaxed dendritic forms. The resultant strip is amenable to production of sheet material by application of a homogenizing heat treatment followed by rolling and annealing

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 10/09/2005** **(21) PCT/NA 2005/000522** **(44) March 2007** **(45) 07/08/2007** **(11) 23754**

(51)	**Int. Cl [7] C05G 1/08 (2006.01) & A01C 23/02 (2006.01)**
(71)	**1. TORFINN JOHNSEN (NORWAY)** **2.** **3.**
(72)	**1. TORFINN JOHNSEN** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (EP) PCT/NO 2004000071-12/3/2004** **2. (NO) 2003/1167 – 13/03/2003** **3.**
(74)	**Mahmoud Ragaii El Dekki**
(12)	**Patent**

(54)	**SOIL MEMBRANE FORMING MIXTURE**
	Patent Period Started in 10/09/2005 and Ends in 09/09/2025

(57) This invention relates to an organic, environment – friendly , preferably antioxidising and biodegradable climate , soil and growth enhancing mixture of preferably organic materials that can be applied to moist soil as dry matter or dry soil in liquid state, and which subsequently solidifies into degradable film or membrane on top of or at a given depth in the soil The properties of the film can be set so that the film regulate or changes the soil's oxidation ability, degradation rate, temperature , greenhouse gas respiration, combustibility, mechanical strength, evaporation rate, water runoff, nutrient conversion rate and germination conditions on and L or below the surface of the soil mass. The film or membrane can be used alone or in combination with standard plant nutrition or fertilizer.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**15/03/2004** **2004/116** **March 2007** **08/08/2007** **23755**

(51)	**Int. Cl** [7] **A61C 7/18**
(71)	**1. DR. YASER FATHEY HUSEEIN ALI (EGYPT)** **2.** **3.**
(72)	**1. DR. YASER FATHEY HUSEEIN ALI** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**A DEVICE USED TO DETERMINE THE OPTIMUM POSTION AND SIZE OF THE DENTAL IMPLANT**
	Patent Period Started in15/03/2004 and Ends in 14/03/2024

(57) A device used in conjunction with surgical stent to locate and redirect the dental implant and its drill. It is made of multy-layered cylender(color coded layers) with its internal diameter matching the external diameter of the used drill. And have graduted colored radioopaque scales in the side and bottom of the cylinder. A soft graduated wires could be attached to the main cylinder. Presurgical X ray is made to determine the optimum postion and size of the implant and subsequent x rays to cofirm the correct position or redirect it with the guide of the color of layers indicating the deviation.

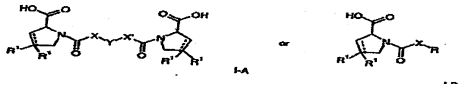
Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 29/10/1998** **(21) 1998/1329** **(44) March 2007** **(45) 08/08/2007** **(11) 23756**

(51)	**Int. Cl [7] A61K 31/40 & C07D 207/16, 417/06, 413/12, 419/12**
(71)	**1. F. HOFFMANN – LA ROCHE AG (SWITZARLAND)** **2.** **3.**
(72)	**1. CORNELIA HERTEL** **2. TORSTEN HOFFMANN** **3. ROLAND JACOB-ROETNE** **4. ROGER D.NORCROSS**
(73)	**1.** **2.**
(30)	**1. EP 97119031,9 – 31/10/1997 & 98113851,4 – 24/07/1998** **2.** **3.**
(74)	**Hoda Ahmed Abd El Hadi**
(12)	**Patent**

(54) D- PROLINE DERIVATIVES

Patent Period Started in From granted patent date and Ends in28/10/2018

(57) Theinvention relates to D-prolines of the formula



wherein

R in SH phenyl optionally substituted by hydroxy or lower alkoxy or the group

R^1 is hydrogen or halogen;

X is- $(CH_2)_n$; - $(CH(R^2)$ $(CH_2)_n$; CH_2 $(CH_2)_n$; CH_2NH; benzyl, CH ;- $CH_2CH(OH)$ or thiazol 2,5-diyl;

Y is S-S;- $(CH_2)_n$;O- NH;-$N(R^2)$ CH=CH;NHC(O) NH-; $N(R^2)$-;-$N[CH_2C_6H_3(OCH_3)_2]$-;- $N(CH_6H_5)$-;-$N(CH_2$ C_6 $H_5)C(O)N(CH_2C_6H_5)$-;- N(alkoxyalkyl)-;-N(cycloalkyl-methyl)-;2,6-pyridyl; 2,5-furanyl;2,5-thienyl; 1,2cyclohexyl;1,3-cyclohexyl;1,4-cyclohexyl;1,2-naphthyl; 1,4-naphthyl; 1,5-naphthyl; 1,6-naphthyl; biphenylen; or 1.2-phenylen,1,3-phenylen and 1,4-phenylen, wherein the phenylen groups are optionally substituted by 1-4 substituents, seleected from halogen, lower alkyl, lower alkoxy, hydroxy carboxy, COO-lower alkyl, nitrilo, 5-tetrazol,(2-carboxylic acid-pyrrolidin-1-y1)-2- oxo-ethoxy, N-hydroxycarbamimidoyl, 5-oxo- [1,2,4] oxadiazolyl, 2-oxo-[1,2,3,5]oxathiadiadiazolyl,5-thioxo-[1,2,4] oxadiazolyl and 5-tert-butylsulfanyl-[1,2,4]oxa-diazolyl;

$CH_2)nCH(R^2)$-;-$(CH_2)_nOCH_2$-;-$NHCH_2$-;benzyl,-CH=$C(R^2)$-;-$CH(OH)CH_2$;or thiazol-2,5-diyl;–(X^1 is

R^2 is lower alkyl, lower alkoxy or benzyl and

O is 0-3,

and to pharmaceutically acceptable salts and mono and dieters thereof .

The D- prolines of formula 1-a and 1-b can be used in the treatment or prevention of all forms of central ans systemic amyloidosis.

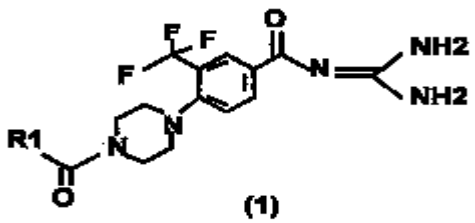
Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 22/09/1999** **(21) 1999/1180** **(44) March 2007** **(45) 08/08/2007** **(11) 23757**

(51)	**Int. Cl [7] C07C 211/22 & C07D 241/04 & A61K 31/395 , 31/495**
(71)	**1. BOEHRINGER INGELHEIM PHARMA KG (GERMANY)** **2.** **3.**
(72)	**1. STEFAN – MATTHIAS BLECH** **2. ERICH BURGER** **3. CHRISTIAN EICKMEIER**
(73)	**1. BOEHRINGER INGELHEIM PHARMA GMBH & CO KG (GERMANY)** **2.**
(30)	**1. DE. 19843489,8 – 22/09/1998** **2.** **3.**
(74)	**Hoda Ahmed Abd El Hadi**
(12)	**Patent**

(54) BENZOYLGUANIDINE DERIVATIVES WITH ADVANTAGEOUS PROPERTIES PROCESSES FOR PREPARING THEM AND THEIR USE IN THE PRODUCTION OF PHARMACEUTICAL COMPOSITIONS

Patent Period Started in From granted patent date and Ends in 21/09/2019

(57) The present invention relates to novel benzoylguanidine derivatives of general formula I



(1)

preparaing them and their use in the preparatio of pharmaceutical compositions.

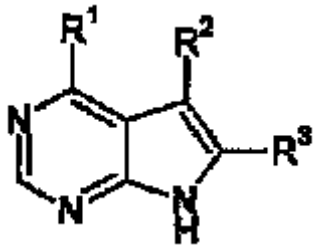
Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 16/06/1999** **(21) 1999/0725** **(44) March 2007** **(45) 08/08/2007** **(11) 23758**

(51)	**Int. Cl [7] C07D 487/04 , 239/00, 209/00 & A61K 31/505**	
(71)	**1. PFIZER PROUCTS INC (UNITED STATES OF AMERICA)** **2.** **3.**	
(72)	**1. TODD A. BLUMENKOPF** **2. MARK E. FLANAGAN** **3. MATTHEW F.BROWN**	**PAUL S. CHANGELIAN**
(73)	**1.** **2.**	
(30)	**1. US 60/089886– 19/06/1998** **2.** **3.**	
(74)	**Hoda Ahmed Abd El Hadi**	
(12)	**Patent**	

(54) PYRROLO [2,3-D] PYRIMIDINE COMPOUNDS

Patent Period Started in From granted patent date and Ends in 15/06/2019

(57) A compound of the formula



wherin r1, r2 and r3 are as defined adove,which are inhibitors of the enzyme protein tyrosine kinases such as janus kinase 3

And as such are useful therapy as immunosuppressive agents for organ transplants, lupus, multiple sclerosis, rheumatoid arthritis, psoriasis, type i diabetes and complications from diabetes, cancer, asthma, atopic dermatitis, autoimmune thyroid disorders, ulcerative colitis, crohn,s disease, alzheimer,s disease, leukemia and other autoimmune diseases.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 20/12/2000** **(21) 2000/1571** **(44) March 2007** **(45) 08/08/2007** **(11) 23759**

(51)	**Int. Cl [7] A61K 9/20,31/445**
(71)	**1. SCHERING CORPORATION (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. JIM H. KOU** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. US 60/172836– 20/12/1999** **2.** **3.**
(74)	**Hoda Ahmed Abd El Hadi**
(12)	**Patent**

(54)	**STABLE EXTENDED RELEASE ORAL DOSAGE COMPOSITION**
	Patent Period Started in From granted patent date and Ends in 19/12/2020

(57) A film-coated extended release solid oral dosage composition containing a nasal decongestant, pseudoephedrine or salt thereof, E.G. pseudoephedrine sulfate in a core effective to provide a geometric maximum plasma concentration of pseudoephedrine of about 345 ng/ml to about 365 ng/ml at a time of about 7.60 hrs to about 8.40 hrs and having two or three film coatings on thecore the second one containing ontaining an amount of the non sedating antihistamine desloratadine effective to provide a geometric maximum plasma concentration of desloratadine of about 2.15 ng/ml to about 2.45 ng/ml at a time of bout 4.0 hours to about 4.5 hours and use of the composition for treating patients showing the signs and symptoms associated with allergic and/or inflammatory conditions of the skin and airway passages are disclosed.

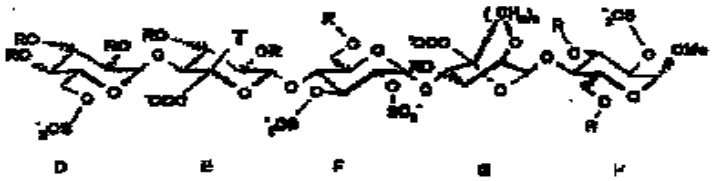
Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 16/01/1999** **(21) 1999/0055** **(44) March 2007** **(45) 08/08/2007** **(11) 23760**

(51)	**Int. Cl [7] A61K 31/70 & C08B 37/00 & C07H 15/04**
(71)	**1. SANOFI (FRANCE)** **2. AKZO NOBEL NV (NETHERLANDS)** **3.**
(72)	**1. PETITOU MAURICE** **2.** **3.**
(73)	**1. SANOFI - AVENTIS (FRANCE)** **2.**
(30)	**1. FR 9800514 – 19/01/1998** **2.** **3.**
(74)	**Hoda Ahmed Abd El Hadi**
(12)	**Patent**

(54) NOVEL PENTASACHARIDES PROCESSES FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

Patent Period Started in From granted patent date and Ends in15/01/2019

(57) The present invention relates to a pentasaccharid in acidic form and to its pharmaceutically acceptable saltas The anione form of which has the formula :



in which:

- R_1 repressents (c_1-c_3) alkyl;
- R repressents hydriogen or an -so_3-, (c_1-c_3 alkyi or (C_2 -C_3 acyi group;
- T repressents hydrogen or an ethyl group; -
- n repressents -

-

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** 07/08/1999 **(21)** 1999/0981 **(44)** March 2007 **(45)** 08/08/2007 **(11)** 23761

(51)	**Int. Cl** [7] **A23C 9/12**
(71)	**1. SOCIETE DES PRODUITS NESTLE SA (SWITZERLAND)** **2.** **3.**
(72)	**1. JEAN-RICHARD NESSER** **2. BERNHARD GUGGENHEIM** **3. CLAUDE PARMANTIER**
(73)	**1.** **2.**
(30)	**1. EP 98202658,5 – 07/08/1998** **2.** **3.**
(74)	**Hoda Ahmed Abd El Hadi**
(12)	**Patent**

(54)	**ANTI-CARIES MILK PRODUCT AND ITS UTILISATION**
	Patent Period Started in From granted patent date and Ends in 06/08/2019

(57) Use of a rennetted milk in an effective quantity to prepare refrigerated food compositions intended for preventing or treating dental caries or dental plaque and compositions thus prepared.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**21/06/1998** **1998/0720** **March 2007** **08/08/2007** **23762**

(51)	**Int. Cl** [7] **A61K 31/343,9/20,9/48**	
(71)	**1. SANOFI (FRANCE)** **2.** **3.**	
(72)	**1. BERNARD ABRAMOVICI** **2. JEAN-CLAUDE GAUTIER** **3. JEAN – CLAUDE GROMENIL**	**4. JEAN – MARIE MARRIER** **5.** **6.**
(73)	**1. SANOFI -SYNTHELABO –(FRANCE)** **2.**	
(30)	**1. FR 97/07795 – 23/06/1997** **2.** **3.**	
(74)	**Hoda Ahmed Abd El Hadi**	
(12)	**Patent**	

(54)	**SOILD PHARMACEUTICAL COMPOSITION CONTAINING BENZOFURAN DERIVATIVES**
	Patent Period Started in From granted patent date and Ends in 20/06/2018

(57) The present invention relates to a solid pharmaceutical composition for oral administration characterized in that it comprises a benzofuran derivative with antiarrhythmic activity or one of the pharmaceutically acceptable salts thereof, as an active principle and a pharmaceutically acceptable nonionic hydrophilic surfacant optionally in combination with one or more pharmaceutical excipients.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)**	**17/09/1995**
		(21)	**1995/0763**
		(44)	**March 2007**
		(45)	**08/08/2007**
		(11)	**23763**

(51)	**Int. Cl** [7] **A61K 31/445 & C07D 409/10**	
(71)	**1. ELI LILLY & COMPANY (UNITED STATES OF AMERICA)** **2.** **3.**	
(72)	**1. ELIZABETH S. LABELL** **2. WAYNE D. LUKE** **3. JOHN M.MCGILL**	**4. RANDAL S. MILLER** **5.** **6.**
(73)	**1.** **2.**	
(30)	**1. US 8/308325 – 19/09/1994 & 8/427914 – 26/04/1995** **2.** **3.**	
(74)	**Hoda Ahmed Abd El Hadi**	
(12)	**Patent**	

(54) NOVEL PHARMACEUTICAL PRODUCT

Patent Period Started in From granted patent date and Ends in 16/09/2015

(57) The present invention is directed to a novel non-solvated crystalline form of 6-hydroxy-2-(4-hydroxyphenyl)-3(4-(2-piperidinoethoxy) benzoy1)benzo(B)thiophene hydrochloride.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**28/12/2005** **PCT/NA 2005/000879** **April 2007** **08/08/2007** **23764**

(51)	**Int. Cl** [7] **G11B 7/00**	
(71)	**1. KONINKLIJKE PHILIPS ELECTRONICS NV (NETHERLANDS)** **2.** **3.**	
(72)	**1. WILHELMUS R. KOPPERS** **2. HUBERT C. MARTENS** **3. PIERRE H. WOERLEE**	**4. JOHANNUS L. BAKX**
(73)	**1.** **2.**	
(30)	**1. EP 03077059/8 – 01/07/2003 & 03102608/1-20/08/2003** **2. (PCT/IB2004/051045) - 29/ 29/06/2004** **3.**	
(74)	**Hoda Ahmed Abd El Hadi**	
(12)	**Patent**	

(54) METHOD OF RECORDING INFORMATION ON A MULTI LAYER RECORD CARRIER, AND DEVICE FOR RECORDING ON A DUAL LAYER RECORD CARRIER

Patent Period Started in 28/12/2005 and Ends in 27/12/2025

(57) Recordable DVD+R and DVD+R/W optical discs with two (or more) information layers are developed to double the data storage capacity and video recording time. A method and device are proposed to make dual layer DVD disc recordings compliant with the dual layer DVD-ROM standard Recording the data in a DVD-ROM compliant way on the dual layer DVD+R or DVD+R/W disc is obtained by shifting the middle zone area towards the inner radius of a disc in such a way that the data zones.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 20/04/2005** **(21) PCT/NA 2005/000150** **(44) April 2007** **(45) 08/08/2007** **(11) 23765**

(51)	**Int. Cl** [7] **H01B 9/02**	
(71)	**1. ABB RESEARCH LTD (SWITZERLAND)** **2.** **3.**	
(72)	**1. CORINA ONNEBY** **2. ANDRES GUSTAFSSON** **3. EVA MARTENSSON**	**4. LARS PALMQVIST** **5. RICHARD W.SIEGEL** **6. JUNGL – IL HONG**
(73)	**1.** **2.**	
(30)	**1. (SE 0203121-9) – 22/10/2002** **2. (SE) (PCT/SE 2003/001615)- 20/10/2003** **3.**	
(74)	**Hoda Ahmed Abd El Hadi**	
(12)	**Patent**	

(54) FIELD GRADING MATERIAL

Patent Period Started in 20/04/2005 and Ends in 19/04/2025

(57) The present invention relates to a field grading material consisting of a polymeric matrix provided with a filler . The filler comprises a field grading effective amount of particles having a least one dimension smaller than or equal to 100 pm .The invention also relates to advice comprising such a field grading an electric field in gigh-voltage applications and a method for grading an electric field at a joint ortermination of an electric power cable using such a field grading material.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 08/08/2005** **(21) PCT/NA 2005/000430** **(44) April 2007** **(45) 08/08/2007** **(11) 23766**

(51)	**Int. Cl** [7] **A61F 13/15**	
(71)	**1. THE PROCTER & GAMBLE COMPANY (UNITED STATES OF AMERICA)** **2.** **3.**	
(72)	**1. UWE J.BECKER** **2. LUDWIG BUSAM** **3. BRUNO J.EHRNSPERGER**	**4. TORSTEN LINDNER** **5.** **6.**
(73)	**1.** **2.**	
(30)	**1. EP 03002677,7-12/02/2003** **2. (US) (PCT/US2004/004348) - 12/02/2004** **3.**	
(74)	**Hoda Ahmed Abd El Hadi**	
(12)	**Patent**	

(54) COMFORTABLE DIAPER

Patent Period Started in 08/08/2005 and Ends in 07/08/2025

(57) The present invention concerns an absorbent article ,preferably a disposable absorbent article, such as a diaper. The present invention specifically concerns an absorbent core for such an absorbent article which provides an improved immobilization of absorbent polymer material when the article is fully or partially urine loaded. This absorbent core is useful for providing an absorbent article of increased wearing comfort. Specifically disclosed is an absorbent core useful for an absorbent article comprising a substrate layer and absorbent material, the absorbent material comprising an absorbent polymer material, the absorbent material optionally comprising absorbent fibrous material, the absorbent fibrous material not representing more than 20% of the weight of absorbent polymer material, wherein the absorbent material is immobilized when wet such that the absorbent core achieves a wet immobilization of more than 50%, preferably of more than 60%, 70%, 80% or 90% according to the Wet Immobilization Test described herein.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 05/10/2004** **(21) PCT/NA 2004/000104** **(44) April 2007** **(45) 08/08/2007** **(11) 23767**

(51)	**Int. Cl [7] B01J 23/62 , 23/58 (2006.01) C07C 5/42 (206.01)**	
(71)	**1. UOPLLC (UNITED STATES OF AMERICA)** **2.** **3.**	
(72)	**1. TIMUR V.VOSKOBOYNIKOV** **2. DANIEL H.WEI** **3. J.W.ADRIAAN SACHTLER**	**4. BIPIN V.VORA**
(73)	**1.** **2.**	
(30)	**1. US 10/118642 – 08/04/2002** **2. (US) (PCT/US 03/10089) 02/04/2003** **3.**	
(74)	**Hoda Ahmed Abd El Hadi**	
(12)	**Patent**	

(54) DEHYDROGENATION CATALYST COMPOSITION

Patent Period Started in 05/10/2004 and Ends in 04/10/2024

(57) A catalyst composite is disclosed. Also disclosed is its use for dehydrogenation reactions. The catalyst composite comprises a Group VIII noble metal component, a Group IA or IIA metal component, and a component selected from the group consisting of tin, germanium, lead, indium, gallium, thallium, or mixtures thereof, all on an alumina support comprising essentially theta-alumina, having a surface area from 50 to 120 m2/g, an apparent bulk density of at 0.5 g/cm3 and a mole ratio of the Group VIII noble metal component to the component selected from the group consisting of tin, germanium, lead, indium, gallium, thallium or mixtures thereof in the range from 1.5 to 1.7

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**02/03/2005** **PCT/NA 2005/000037** **April 2007** **08/08/2007** **23768**

(51)	**Int. Cl [7] C06F 15/173,12/00**
(71)	**1. NOKIA CORPORATION (FINLAND)** **2.** **3.**
(72)	**1. GANESH SIVARAMA** **2. RIKU METTALA** **3.**
(73)	**1.** **2.**
(30)	**1. US 10/236010 – 03/09/2002 – 10/291192 – 08/11/2002** **2. (PCT/IB2003/003737)- 03/09/2003** **3.**
(74)	**Hoda Ahmed Abd El Hadi**
(12)	**Patent**

(54)	**METHOD, DEVICE AND SYSTEM FOR SYNCHRONIZING OF DATA PROVIDING FOR THE HANDLING OF AN INTERRUPTED SYNCHRONIZATION PROCESS**
	Patent Period Started in 02/03/2005 and Ends in01/03/2025

(57) The present invention provides a method, a network device and a system for allowing for resuming incomplete synchronization session is provided, wherein the preceding incomplete synchronization session has been interrupted during its performing . In principle the resuming of the preceding incomplete synchronization session is based on the follozing aperations according to the inventive concept. A comnunication connection for synchonization of data between a first and a second device is establishing . The first and the second device comprise each a predefined set of data records to be synchronized. A first and a second update identifier are communicated between the first and the second device. The first update identifier specifies a preceding comptete synchronzation session having been performed between them and the second update idenfifior specifies a preceding incomplete synchronization session having been performed between them synchronzation related information is exchanged between the first the seconad device .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**21/04/2004** **PCT/NA2004/000015** **APRIL 2007** **08/08/2007** **23769**

(51)	**Int. Cl [7] E21B 37/06**
(71)	**1. SOFITECH NV (BELGIUM)** **2.** **3.**
(72)	**1. WAYNE W. FRENIER** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. US 60/335,631- 25/10/2001 & 10/253,962 24/09/2002** **2. (EP) (PCT/EP02/11807) 22/10/2002** **3.**
(74)	**Hoda Ahmed Abd El Hadi**
(12)	**Patent**

(54) TREATING COMPOSITION

Patent Period Started in 21/04/2004 and Ends in 20/04/2024

(57) Treating compositions containing mutual solvents suitable for forming and maintaining single-phase aqueous fluid treating compositions containing very high concentrations of acids and/or chelating agents are described.

Methods of use of these treating compositions for dissolving and removing scale and formation matrix material in oil-field treatments such as stimulation and remediation are given

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	E G	**(22) 08/08/2005** **(21) PCT/NA2004/000431** **(44) APRIL 2007** **(45) 08/08/2007** **(11) 23770**

(51)	**Int. Cl [7] A61L 13/15**
(71)	**1. THE PROCTER & GAMBLE COMPANY (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. UWE J.BECKER** **2. LUDWIG BUSAM** **3. BRUNO J. EHRNSPERGER** **4. TORSTEN LINDNER** **5. MICHAEL DIVO** **6. ROLAND ENGEL**
(73)	**1.** **2.**
(30)	**1. EP 03002678,5 – 12/02/2003** **2. (PCT/US2004/004349) - 12/02/2004** **3.**
(74)	
(12)	**Patent**

(54) THIN AND DRY DIAPER

Patent Period Started in 08/08/2005 and Ends in07/08/2025

(57) The present invention concerns an absorbent article, preferably a disposable absorbent article, such as a diaper. An absorbent core useful for an absorbent article is disclosed which imparts increased wearing comfort to the article and makes is thin and dry. Further disclosed is a process for obtaining such a core. Specifically disclosed is an absorbent core useful for an absorbent article comprising a substrate layer, the substrate layer comprising a first surface and a second surface, the absorbent core further comprising a discontinuous layer of absorbent material, the absorbent material comprising an absorbent polymer material, the absorbent material optionally comprising an absorbent fibrous material and the absorbent fibrous material not representing more than 20 weight percent of the total weight of the absorbent polymer material, the discontinuous layer of absorbent material comprising a first surface and a second surface, the absorbent core further comprising a layer of thermoplastic material, the layer of thermoplastic material comprising a first surface and a second surface and wherein the second surface of the discontinuous layer of absorbent material is in at least partial contact with the first surface of the substrate layer and wherein portions of the second surface of the layer of thermoplastic material are in direct contact with the first surface of the substrate layer and portions of the second surface of the layer of thermoplastic material are in direct contact with the first surface of the discontinuous layer of absorbent materia

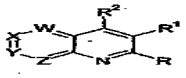
Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 21/06/2005** **(21) PCT/NA2005/000341** **(44) April 2007** **(45) 08/08/2007** **(11) 23771**

(51)	**Int. Cl [7] A01N 43/90&C07D487/04**	
(71)	**1. SYNGENTA PARTICIPATIONS AG (SWITZERLAND)** **2. SYNGENTA LIMITED (UNITED KINGDOM)** **3.**	
(72)	**1. PATRICK J. CROWLEY** **2. MARKUS DOBLER** **3. URS MUELLER**	**4. JOHN WILLAMS** **5.** **6.**
(73)	**1.** **2.**	
(30)	**1. GB 0230021,8 – 23/12/2002** **2. (PCT/GB2003/005261)- 03/12/2003** **3.**	
(74)	**Hoda Ahmed Abd El Hadi**	
(12)	**Patent**	

(54) FUNGICIDES BASED ON NITROGEN-CONTAINING HETEROCYCLES

Patent Period Started in 21/06/2005 and Ends in20/06/2025

(57)



(1)

Fungicidal compounds having the general formula (1): wherein W, Z and one of X and Y are N and the other one of X and Y is CR8; R8 is H, halo, C1-4alkyl, C1-4 alkoxy, C1-4 alkylthio or halo(C1-4)alkyl; R and R2 are independently H, halo, C1-8alkyl, C1-8alkoxy, C1-8alkylthio, C2-8alkenyl, C2-8alkynyl, cyano or NR3R4, provided that at least one of R and R2 is NR3R4; R1 is halo, C1-8alkyl, C2-8alkenyl, C2-8alkynyl, C3-8 cycloalkyl, C3-8 cycloalkyl(C1-6)-alkyl, C1-8alkoxy, C1-8alkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroaryloxy, heteroarylthio, aryl(C1-4)alkyl, aryl(C1-4)alkoxy, heteroaryl(C1-4)alkyl, heteroaryl(C1-4)alkoxy, aryl(C1-4)alkylthio, heteroaryl(C1-4)alkylthio, morpholino, piperidino or pyrrolidino; R3 and R4 are independently H. C1-8alkyl. C2-8alkenyl, C2-8alkynyl, aryl, aryl(C1-8)-alkyl, C3-8cycloalkyl, C3-8cycloalkyl(C1-6)alkyl, heteroaryl, heteroaryl(C1-8)alkyl, NR5R6, provided that not both R3 and R4 are H or NR5R6, or R3 and R4 together form a C3-7alkylene or C3-7alkenylene chain optionally substituted with one or more C1-4alkyl or C1-4alkoxy groups, or, together with the nitrogen atom to which they are attached, R3 and R4 form a morpholine, thiomorpholine, thiomorpholine S-oxide or thiomorpholine S-dioxide ring or a piperazine or piperazine N-(C1-4)alkyl (especially N-methyl) ring; and R5 and R6 are independently H, C1-8alkyl, C2-8alkenyl, C2-8alkynyl, aryl, aryl(C1-8)alkyl, C3-8cycloalkyl, C3-8 cycloalkyl(C1-6)alkyl, heteroaryl or heteroaryl(C1-8)alkyl; any of the foregoing alkyl, alkenyl, alkynyl or cycloalkyl groups or moieties (other than for R8) being optionally substituted with halogen, cyano, C1-6 alkoxy, C1-6 alkylcarbonyl, C1-6alkoxycarbonyl, C1-6haloalkoxy, C1-6alkylthio, tri(C1-4)alkylsilyl. C1-6alkylamino or C1-6 dialkylamino, any of the foregoing morpholine, thiomorpholine, piperidine, piperazine and pyrrolidine rings being optionally substituted with C1-4alkyl (especially methyl), and any of the foregoing aryl or heteroaryl groups or moieties being optionally substituted with one or more substituents selected from halo, hydroxy, mercapto, C1-6 alkyl, C2-6alkenyl, C2-6alkynyl, C1-6alkoxy, C2-6alkenyloxy, C2-6alkynyloxy, halo(C1-6)alkyl, halo(C1-6)alkoxy, C1-6 alkylthio, halo(C1-6)alkylthio, hydroxy(C1-6)alkyl, C1-4alkoxy(C1-6)alkyl, C3-6 cycloalkyl, C3-6 cycloalkyl(C1-4) alkyl, phenoxy, benzyloxy, benzoyloxy, cyano, isocyano, thiocyanato, isothiocyanato, nitro, -NR", R"":, NHCOR", -NHCONR"R"", -CONR",R"", -SO2R", -OSO2R", -COR", -CR", =NR"" or –N=CR "R"", in which R', and R"" are independently hydrogen, C1-4 alkyl, halo-(C1-4)alkyl, C1-4alkoxy, halo(C1-4)alkoxy, C1-4 alklthio, C3-6 cycloalkyl, C3-6 cycloalkyl(C1-4)alkyl, phenyl or benzyl, the phenyl and benzyl groups being optionally substituted with halogen, C1-4 alkyl or C1-4 alko.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**18/03/2003** **0269/2003** **February 2007** **08/08/2007** **23772**

(51)	**Int. Cl** [7] **E04B 7/02 & E04C 3/26 , 3/294**
(71)	**1. MARA –INSTITUT DOO (CROATIA)** **2.** **3.**
(72)	**1. MILOVAN SKENDZIC** **2. BRANKO SMRCEK** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	**Samar Ahmed EL labbad**
(12)	**Patent**

(54)	**INDIRECTLY PRESTRESSED, CONCRETE, ROOF-CEILING CONSTRUCTION WITH FLAT SOFFIT**
	Patent Period Started in 18/03/2003 and Ends in17/03/2023

(57) The indirectly prestressed concrete roof-ceiling construction is prefabricated element for constructing industrial large-span buildings. The construction comprises distinctly wide and thin concrete soffit plate and the upper concerete girder ,of the inveres V shaped cross section, interconnected by slender steel piperods that are used to stabilize the upper girder against lateral buckling and to pervent parts and to get closer or apart each to another. Prestressingof the soffit plate causes compression in the upper girder which passively (indirectly) pushes the ends of the construction, acting on some eccentricity over the center of gravity of the cross section, causing rotation of its ends bending in that way the soffit plate upwards.There are two efficient methods of prestressing these constructions.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**05/10/2005** **PCT/NA2005/000619** **April 2007** **08/08/2007** **23773**

(51)	**Int. Cl** [7] **H04L 12/22**
(71)	**1. IVY TRUST (SWIZERLAND)** **2.** **3.**
(72)	**1. ALISTAIR OAKES** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. GB 0307980,3 – 07/04/2003** **2. IB (PCT/IB2004/001465) - 06/04/2004** **3.**
(74)	**Samar Ahmed EL labbad**
(12)	**Patent**

(54)	**IDENTIFICATION MEANS**
	Patent Period Started in 05/10/2005 and Ends in 04/10/2025

(57) Identification means are provided which include a first identification portion in the form of one or more images, characters and/or text. A second identification portion is removably located with said first identification at least partially mask the first identification portion until the second identication portion is removed. The second identification portion is also in the form of one or more images,characters and/or text.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**11/05/2005** **PCT/NA 2005/000213** **February 2007** **08/08/2007** **23774**

(51)	**Int. Cl** [7] **F17D 1/16 (2006/01)**		
(71)	**1. SINVENT AS (NORWA)** **2. PE EXPLORTION OPERATING COLTD (ENGLAND)** **3. PE AMERICA INC (UNITED STATES OF AMERICA)**		
(72)	**1. CARL B. ARGO** **2. PHANNEENDRA** **3. BOLLAVARAM KAD W. HJARBO**	**4. TARS Y. MAKOGON** **5. NITA OZA** **6. MARIT WOLDEN**	**7. ARE LUND** **8. ROAR LARSEN**
(73)	**1.** **2.**		
(30)	**1. NO 20025420 – 12/11/2002** **2. (PCT/NO 2003/000381) 12/11/2003** **3.**		
(74)	**Samar Ahmed EL labbad**		
(12)	**Patent**		

(54) METHOD AND SYSTEM FOR TRANSPORTING FLOWS OF FLUID HYDROCARBONS CONTAINING WAX, ASPHALTENES, AND/OR OTHER PRECIPITATING SOLIDS

Patent Period Started in 11/05/2005 and Ends in 10/05/2025

(57) A method and a system for transporting a flow of fluid hydrocarbons containing wax and/or asphaltenes or any other precipitating solids through a treatment and transportation system including a pipeline are disclosed. The flow of fluid hydrocarbons is introduced into a reactor (4), where it is mixed with another fluid flow having a temperature below a crystallization temperature for the wax and/or asphaltenes or other solids and containing particles or crystals acting as nucleating and/or growth cores for the wax and/or asphaltenes or other solids, the mixing temperature providing precipitation of the wax and/or asphaltenes or other solids from the flow of fluid hydrocarbons, and the effluent flow of hydrocarbons and particles is conveyed from the reactor (4) to a pipeline (6) for transportation.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**13/06/2005** **PCT/NA 2005/000290** **APRIL2007** **08/08/2007** **٢٣٧٧٥**

(51)	**Int. Cl** [7] **A61J 3/02 , A61K 9/72, A61M 13/00 , A61P 5/50**
(71)	**1. OTSUKA PHARMACEUTICAL CO LTD (JAPAN)** **2.** **3.**
(72)	**1. CHIKAMASA YAMASHITA** **2. AKITSUNA AKAGI** **3. YUICHIRO FUKUNAGA**
(73)	**1.** **2.**
(30)	**1. (JP) PCT 2003/015931 – 12/12/2003** **2. 2002-363158 13/12/2002** **3.**
(74)	**Samar Ahmed EL labbad**
(12)	**Patent**

(54)	**NOVEL DRY POWDER INHALATION SYSTEM FOR TRANSPULMONARY ADMINISTRATION**
	Patent Period Started in 13/06/2005 and Ends in 12/06/2025

(57) It is intended to provide a novel dry powder inhalation system for traspulmonary administration which is suitable for transpulmunary administration . This novel dry powder inhalation system for trabspulomnary administration comprises a container having a freez-dned comrosition for transpulmonary administration which is prearod freeze-drying a liquid compstion a component in an undissol ved stale has the following properies (i)to(iii);(i)being in the from of a non-powdery cake;(ii)having a disintegration index of 0,05 or more; and (iii) upon an alr impact of an air speed of at lest Im/sec and an air flow mie of at least 17 m1/sec, being disintegrated into fine particles hving an average diamcter (an aerodynamlc particle dameter) of 10 m or lese or an elfective particle rale of 10%or mone;combined with (2) a menas of applying the above-decribed air impact to the frcez-dnied compasition in the above desorlbed contaner and a means of discharging the powdery freze-tlred compsition having been dislntegrated into fine particles.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 25/11/1998** **(21) 1998/1476** **(44) February 2007** **(45) 08/08/2007** **(11) 23776**

(51)	**Int. Cl [7] C07D 295/02,295/08 &A61K 31/495**	
(71)	**1. U C B SA (BELGIUM)** **2.** **3.**	
(72)	**1. MONIQUE BERWEAR** **2. GUY BODSON** **3. MICHEL DELEERS**	**4. DOMENICO FANARA** **5. CHARLES DOGIMONT** **6. JACQUES TIMMERMANS**
(73)	**1.** **2.**	
(30)	**1. (EP) 97870193,6 – 26/11/1997** **2.** **3.**	
(74)	**Mohamed Mohamed Bekir**	
(12)	**Patent**	

(54)	**NEW PSEUDOPOLYMORPHIC FORMS OF 2-(2-/4- (BIS (4-FLUOROPHENYL) METHYL)-1- PIPERAZINYL) ETHOXY ACETIC ACID DIHYDROCHLORIDE**
	Patent Period Started in From granted patent date and Ends in 24/11/2018

(57) The present invention relates to new pseudopolymorphic forms of 2-(2-(4- (bis (4- fluorophenyl) -1- piperazinyl ethoxy acetic acid dihdrochloride namely anhdrous 2-(2- (4- (bis (4- fluoropheny1)methyl 1- piperazinyl ethoxy acetic acid dihydrochloride and 2-(2-(4- (bis (4-fluorophenyl) methyl -1-piperazinyl ethoxy acetic acid dihydrochloride monohydrate it also relates to processes for the preparation of these pseudopolymorphic forms and to pharmaceutical compositions containing them.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**19/04/2005** **2005/0201** **May 2007** **09/08/2007** **23777**

(51)	**Int. Cl** [7] **H02K 17/42**
(71)	**1. KHALED SAEED IBRAHIM MADANY (EGYPT)** **2.** **3.**
(72)	**1. KHALED SAEED IBRAHIM MADANY** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**A MACHINE WHICH HELPING THE AMPLIFICATION OF THE ELECTRICAL POWER USING THE SPEED**
	Patent Period Started in 19/04/2005 and Ends in 18/04/2025

(57) That invent is a machine which helping the amplification of the electrical power using an electric engine mechanic connected with an electricity generator using a speed converter which reduce the speed of the engine and augment the hardihood of the wheel of the electrical generator so we can produce an electric power from the generator more than the electric power which used to start the engine .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**16/04/2005** **2005/0191** **April 2007** **12/08/2007** **23778**

(51)	**Int. Cl** [7] **A34D 1/00**
(71)	**1. MOUHAMMAD MOUTAZ RASHED MOUHAMMAD NASSEF (EGYPTY)** **2.** **3.**
(72)	**1. MOUHAMMAD MOUTAZ RASHED MOUHAMMAD NASSEF** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54) NEW METHOD FOR MANUAL FOOT INSOLE MANUFACTURE

Patent Period Started in 16/04/2005 and Ends in 15/04/2025

(57) A new method to take a "Foot Print", using a PC, Graphic Software, Scanner ,Digital Camera and Printer (Laser or Ink-Jet)

The new Foot Print will be converted to a simple diagram that is easily to be manually manufactured, using Egyptian materials within 2:3 hours time frame, under close supervision of a specialized Orthopedist with good knowledge of Biomechanics, Dynamics and the ability to identify the patient's need to a "Foot Print"

Or by using Biomechanical & Gate analyses equipments, all of the above in light of the hereunder equation :--

On seating position with the back supported, Hip-Joint flexed (90:100), Knee-Joint (90) and Ankle-Joint (90). The resulted "Foot Print" represents the actual distribution of the loads on each foot and 32% of the body weight, in assorted positions ; standing (on one foot or both feet), walking, running, escalating and jumping.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**21/10/2003** **2003/987** **March 2007** **12/08/2007** **23779**

(51)	**Int. Cl** [7] **A61M 27/00**
(71)	**1. AYMAN EL-SAYED ALI GAIHOME (EGYPT)** **2.** **3.**
(72)	**1. AYMAN EL-SAYED ALI GAIHOME** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**RETROGRADE ENDOSCOPIC VENTRICULO-SUPERIOR SAGITTAL SINUS SHUNT, WITH ONE SHEATH VALVE SYSTEM, AND FIXATION SYSTEM WITH SIDEWAY VALVE**
	Patent Period Started in 21/10/2003 and Ends in 20/10/2023

(57) Retrograde ventriculo-superior sagittal sinus shunt system is a new single sheath valve system inserted endoscopically by rigid endoscope, between the lateral ventricle and the superior sagittal sinus, of the brain in the treatment of hydrocephalus of any type including small lateral ventricle, unless there's sinus thrombosis, the flow of the CSF, through the shunt depends on the pressure gradient between the lateral ventricle and the sagittal sinus, while a slit valve prevent reflux of blood to the lateral ventricle, its fixation system composed of small channels ended by leaflets that distended with CSF guarded by sideway diaphragmatic valve, to maintain its fixation, there are another two channel that fill with blood when the shunts become embedded inside the sinus.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 11/02/1998** **(21) 1998/0154** **(44) March 2007** **(45) 12/08/2007** **(11) 23780**

(51)	**Int. Cl [7] C07D 233/58,333/16 , 409/06 & A16K 31/381 , 31/4164**
(71)	**1. SMITHKLINE BEECHAM CORPORATION (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. RICHARD T. MATSUOKA** **2. PENG LIU** **3.**
(73)	**1.** **2.**
(30)	**1. US 60/038196 –14/02/1997** **2.** **3.**
(74)	**Hoda Anis Serag El Dein**
(12)	**Patent**

(54)	**PROCESS**
	PATENT PERIOD STARTED IN From granted patent date IN10/02/2018

(57) The present invention provides a process for the preparation of eprosartan which is (E) -a [[2-butyl-1-[(4-carboxyphenyl) methyi]-1h-imidazol-5-2- thiophene propanpoic acid , compound of formula –2- y1]methyene –(1):

Or a pharmaceutically acceptable salt thereof,

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 05/05/1996** **(21) 1996/0385** **(44) March 2007** **(45) 13/08/2007** **(11) 23781**

(51)	**Int. Cl [7] A61K 31/445,31/355,31/375**	
(71)	**1. NOVO NORDISK (DENMARK)** **2.** **3.**	
(72)	**1. JORGEN R.SVENSSON** **2. LARS NYGAARD** **3. TINA M. ANDERSEN**	**4. HELLE WEIBEL** **5. THYGE B. HJORTH**
(73)	**1.** **2.**	
(30)	**1. (DK) 95/0523 – 05/05/1995** **2.** **3.**	
(74)	**Hoda Anis Serag El Dein**	
(12)	**Patent**	

(54) PHARMACEUTICAL COMPOSITION CONTAINING TIAGABINE HYDROCHLORIDE AND THE PROCESS FOR ITS PREPARATION

Patent Period Started in From granted patent date in 04/05/2016

(57) The subject matter of the present invention is a pharmaceutical composition intended for the preparation of dosage forms and in particular solid dosage forms containing an efficacious quantity of tiagabine hydrochloride or of one of its pharmaceutically acceptable salts as active ingredient and characterised in that it contains at least one pharmaceutically acceptable antioxidant agent, in a sufficient quantity to stabilise the active ingredient.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**09/10/2005** **PCT/NA2005/000632** **April 2007** **13/8/2007** **23782**

(51)	**Int. Cl [7] A61B 5/055 , G01N 24/08 , G01R33/56**
(71)	**1. INNER VISION BIOMETRICS PTY LTD (AUSTRALIAN)** **2.** **3.**
(72)	**1. TIM ST PIERRE** **2. PAUL CLARK** **3.**
(73)	**1. RESONANCE HEALTH ANALYSIS SERVICES PTY LTD (AUSTRALIAN)** **2.**
(30)	**1. (AU) 2003901659 – 09/04/2003** **2. (AU) PCT/AU 2004/000471 - 8/4/2004** **3.**
(74)	**Hoda Anis Serag El Dein**
(12)	**Patent**

(54)	**METHOD OF ESTIMATING THE SPATIAL VARIATION OF MAGNETIC RESONANCE IMAGING RADIOFREQUENCY (RF) SIGNAL INTENSITIES WITHIN AN OBJECT FROM THE MEASURED INTENSITIES IN A UNIFORM SPIN DESTINY MEDIUM SURROUNDING THE OBJECT**
	Patent Period Started in 09/10/2005 and Ends in 08/10/2025

(57) A method of estimating the spatial variation in RF signal intensity within magnetic resonance images of an object is described .The estimate can be used to provide enhanced contrast in a magnetic resonance image by correcting for spatial variation in RF intensities arising from non-uniformities in RF receiving coils of an MRI machine acquiring the image as well as distortions arising from the object and observation itself. From analysis of the surrounding medium, and the location of national points of RF signal reception, a semi-empirical mathematical formulation of the decay profile of the RF signal intensity within the object is determined. This is then filed to selected signal interstices from the medium surrounding the object an estimate of the spatial variation in RF signal intensity within the object.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 01/10/2005** **(21) PCT/NA 2005/000602** **(44) April 2007** **(45) 13/8/2007** **(11) 23783**

(51)	**Int. Cl [7] F01C 1/22**
(71)	**1. EDUARD ZELEZNY (CZECH REPUBLIC)** **2. SIMONA TOLAROVA (CZECH REPUBLIC)** **3. FILIP ZELEZNY (CZECH REPUBLIC)**
(72)	**1. EDUARD ZELEZNY (CZECH REPUBLIC)** **2. SIMONA TOLAROVA (CZECH REPUBLIC)** **3. FILIP ZELEZNY (CZECH REPUBLIC)**
(73)	**1.** **2.**
(30)	**1. (CZ)(PV 2003/926) –01/04/2003** **2. (CZ) (PCT 2004/000016) 25/03/2004** **3.**
(74)	**Hoda Anis Serag El Dein**
(12)	**Patent**

(54) ROTATING PISTON MACHINE

Patent Period Started in01/10/2005 and Ends in 30/09/2025

(57) The invention relates to rotating piston machine, especially a compressor , a pump or motor , comprising a rotating piston which defines working chambers with variable volumes and is located in a cylinder provided with two lateral walls and a curved jacket. Said piston can be rotated about two parallel rational axes, vertically in relation to the parallel rotational axes . To this end , the piston is provided with two guiding shafts having parallel rotational axes , said guiding shafts being provided with guiding elements preferably slides or journals in a vertical direction in relation to the rotational axes on which the piston) , is displaceably means of sliding elements preferably grooves or liners.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 24/11/2004** **(21) PCT/NA2004/000128** **(44) April 2007** **(45) 13/8/2007** **(11) 23784**

(51)	**Int. Cl [7] G01N 21/17**	
(71)	**1. MOL MAGYAR OLAJ – ES GAZIPARI RESZVENYTARSASAG(HUNGARY)** **2. SZEGEDI TUDOMANYEGYETEM (HUNGARY)** **3.**	
(72)	**1. ZSOLT BOR** **2. ZOLTAN BOZOKI** **3. ARPAD MOHACSI**	**4. SANDOR PUSKAS** **5. GABOR SZABO** **6. MIKLOS SZAKALL**
(73)	**1. MOL MAGYAR OLAJ – ES GAZIPARI RESZVENYTARSASAG(HUNGARY)** **2.**	
(30)	**1. (HU) P0201751 – 24/05/2002** **2. (HU)PCT /HU03/00038 26/5/2003** **3.**	
(74)	**Hoda Anis Serag El Dein**	
(12)	**Patent**	

(54)	**PHOTOACOUSTIC DETECTION METHOD FOR MEASURING CONCENTRATION OF A NON – HYDROCARBON COMPONENT OF A METHANE – CONTAINING GAS MIXTURE**
	Patent Period Started in24/11/2004 and Ends in 23/11/2024

(57) The present invention relates to a photoacoustic detection method for measuring concentration of a non - hydrocarbon component of a methane-containing gas mixture. The essence of the method is that the photoacoustic absorption spectrum for the gas mixture is recorded over a suitable chosen wavelength range while the gas mixture is continuously flowing through the measuring apparatus, and then for determining the concentration of the non-hydrocarbon component of the thus obtained spectrum is used in combination with a photoacoustic signal generated by a reference cell filled with a gas having predefined properties. The methane – containing gas mixture and the non-hydrocarbon component are preferably chosen to be natural gas to be sent out to gas lines and water vapour, respectively.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 12/11/2005** **(21) PCT/NA2005/000716** **(44) April 2007** **(45) 13/8/2007** **(11) 23785**

(51)	**Int. Cl [7] A23G 3/00**
(71)	**1. SUDZUCKER AKTIENGESELLSCHAFT MANNHEIM/OCHSENFURT(GERMANY)** **2.** **3.**
(72)	**1. JORG KOWALCZYK** **2. BERND HASSLINGER** **3. JORG BERNARD**
(73)	**1.** **2.**
(30)	**1. (DE) 10323602,3 – 19/5/2003** **2. US 60/472745-23/05/2003** **3. (EP) (PCT/EP 2004/005390) 19/05/2004**
(74)	**Hoda Anis Serag El Dein**
(12)	**Patent**

(54) HARD CARAMELS WITH SUPPORTED COLORS

Patent Period Started in 12/11/2005 and Ends in 11/11/2025

(57) The invention relates to a hard caramel comprising a hard base at least on food color applied to the support, the supported food color being in homogeneously distributed in the hard caramel base.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 29/10/2005** **(21) PCT/NA2005/000690** **(44) April 2007** **(45) 13/8/2007** **(11) 23786**

(51)	**Int. Cl [7] B21D 51/20**	
(71)	**1. CLAUDIUS PETERS TECHNOLOGIES GMBH (GERMANY)** **2.** **3.**	
(72)	**1. HARTMUT MEYER** **2. STAAK THOMAS** **3. ARCHIPALD WALLASE**	**4. HELMUT WALLIS**
(73)	**1.** **2.**	
(30)	**1. (EP) 03010386,5 – 08/05/2003** **2. (EP) (PCT/EP 2004/003587) 05/04/2004** **3.**	
(74)	**Hoda Anis Serag El Dein**	
(12)	**Patent**	

(54)	**METHOD AND DEVICE FOR CONVENING A LAYER OF BULK MATERIAL AND ON A GAS**
	Patent Period Started in29/10/2005and Ends in28/10/2025

(57) The invention relates to method and advice for treating, especially cooling, a layer of bulk material on a grid by means of a low of gas led through it. The grid comprises a plurality of planks (10) , elongate in the direction of conveyance and driven to reciprocate in the direction of conveyance in such a manner that at least adjoining planks (10) are moved forth simultaneously and are moved back different times. Since the material present on the plank (10) moved back is prevented from completely following the plank moved back due to the friction on the material present on the adjoining planks or on the walls(1) ,the conveying effect in the direction of conveyance is greater than that in the opposite direction .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**08/05/2005** **PCT/NA2005/000205** **April 2007** **13/8/2007** **23787**

(51)	**Int. Cl** [7] **C21C 5/46**
(71)	**1. SMS DEMAG AG (GERMNY)** **2.** **3.**
(72)	**1. BERND SCHUBERT** **2. WINFRIED LAUBACH** **3.**
(73)	**1.** **2.**
(30)	**1. (DE) 10251964,1 – 08/11/2002** **2. (EP) PCT /EP 2003/010760 - 26/ 09 /2003** **3.**
(74)	**Hoda Anis Serag El Dein**
(12)	**Patent**

(54) VESSEL FOR THE METALLURGICAL TREATMENT OF PIG IRON STEEL MELTS AND SIMILAR IN PARTICULAR A CONVERTER VESSEL

Patent Period Started in08/05/2005and Ends in07/05/2025

(57) The invention relates to a vessel for the metallurgical treatment of pig iron, steel melts and similar, in particular a converter vessel, mounted on a support ring, arranged at a separation by means of pivot pins, whereby the vessel rests on the top flange of the support ring by means of claws(6) on the vessel wall (1b) and a support (4) is detachably embodied with additional fixing element on the top flange (3a) of the support ring (3). According to the invention, the disadvantage of having to work in hot, restricted regions which are difficult for the personnel to access can be avoided, whereby the support on the top flange (3a) of the support ring (3) comprises opposing vessel brackets (7) and support ring brackets (8) which can be tensioned together in a closing direction (10) by means of a hinged closure (9) until a secure close position is achieved and which may be easily opened in the opposing operating direction(12) .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)**	**27/07/2005**
		(21)	**PCT/NA2005/000415**
		(44)	**April 2007**
		(45)	**13/8/2007**
		(11)	**23788**

(51)	**Int. Cl** [7] **E03F 5/22**
(71)	**1. INTERMEDIKERKFT (HUNGARY)** **2.** **3.**
(72)	**1. ISTVAN DANYI** **2. ZOLTAN DANYI** **3.**
(73)	**1.** **2.**
(30)	**1. HU (HU 2003 P0300276) – 31/01/2003** **2. (HU) (PCT/HU/2004/000007) 26/01/2004** **3.**
(74)	**Hoda Anis Serag El Dein**
(12)	**Patent**

(54)	**METHOD AND PUMP UNIT FOR THE EFFECTIVE TREATMENT OF SEWAGE IN A TRANSFER TANK**
	Patent Period Started27/07/2005 and Ends in26/07/2025

(57) In performing the method according to the invention the sewage accumulating in the transfer tank is periodically drawn away and is ,in given circumstances, stirred in such a manner that the sewage is guided into the pump horizontally or downward at an acute angle to the horizontal and the periodic pumping is performed such that when the sewage level attain a height of 1-30 cm above the pump intake opening , the electric motor is operated at a reduced sewage throughput and when in given circumstances , the sewage level intersects the intake opening and /or the pump impeller the electric motor is operated without sewage throughput for ventilating the sewage advantageously for at least 3 seconds, but expediently for at least 10 seconds. Stirring is performed such that the sewage is, in a vortex coaxial with the rotary axis of the stirrer agitating the sewage, first accelerated toward the stirring element and then guided along the superficies thereof and is eventually ejected in an impulse-like manner. The pump unit proper comprises an electric motor and a pump and is arranged in the transfer tank in such a manner that its rotary axis is horizontal or is oriented at an acute angle to the horizontal and the intake opening of the pump is at the top.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**23/06/2005** **PCT/NA2005/000354** **April 2007** **13/8/2007** **23789**

(51)	**Int. Cl** [7] **A01G 25/06,1/00**
(71)	**1. INSTITUTE DES REGIONS ARIDES-MEDENINE (TUNIS)** **2.** **3.**
(72)	**1. BELLAHHEB CHAHBANI** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (TN) 02101 – 24/12/2002** **2. (TN) (PCT/TN 2003/000001) 5/12/2003** **3.**
(74)	**Hoda Anis Serag El Dein**
(12)	**Patent**

(54)	**DIFFUSER FOR UNDERGROUND IRRIGATION OF TREE, SHRUBS, DECORATIVE PLANTS AND VEGETABLE GARDENS**
	Patent Period Started in23/06/2005 and Ends in 22/06/2025

(57) The invention concerns an apparatus in different shapes and sizes for underground irrigation of trees and fruits and forest trees as well as for vegetable gardens and potted plants, plants in containers, vases and boxes. The diffuser for trees and shrubs, fruit and forest trees are installed and buries in holes or ditches (1.20) around the trees, The irrigation water filled in the tanks or derived from an irrigation network or an external tank , passes through the holes (1.6 and 1.18) of the lower part of the diffuser and soaks up the porous plate (1.7 or 1.19), then infiltrates into the underlying soil. Sand infiltration is carried out at a depth of about 80cm (or more) away from all evaporation. The reservoir diffuser for decorative plants is set to cover the soil of a specially designed container.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**22/10/2005** **PCT/NA 2005/000666** **April 2007** **13/08/2007** **23790**

(51)	**Int. Cl** [7] **E03D 1/14**
(71)	**1. IDROLS SA (SPAIN)** **2.** **3.**
(72)	**1. ERNESTO GUAITA DE LILILA** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (ES) (P200300929) – 22/04/2003** **2. (ES) (PCT/ES 2004/070017) 05/04/2004** **3.**
(74)	**Samar Ahmed El Labad**
(12)	**Patent**

(54) MECHANISM FOR FULL OR SELECTIVE FLUSHING OF TOILET TANKS

Patent Period Started in22/10/2005and Ends in21/10/2025

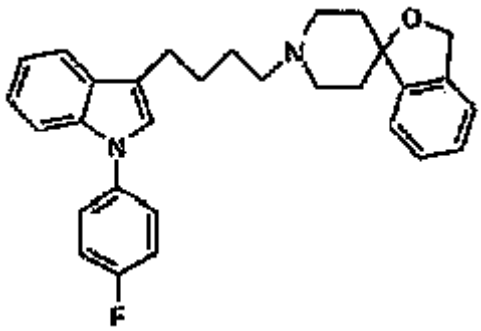
(57) The invention relates to a mechanism for the full or selective flushing of toilet tanks. The invention consists of a mechanism support comprising tilting elements which support floats, namely an outer float and an inner float, such that said floats co-operate to produce a full or selective flush according to the pressure exerted on the overflow tube. The outer float is connected to the tilting element by means of a system with vertical adjustment, such that said float can be moved vertically, thereby adjusting the quantity of water flushed during a partial flush. The invention can be used in the production of flush systems for toilets.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 03/11/1998** **(21) 1998/1362** **(44) February 2007** **(45) 13/08/2007** **(11) 23791**

(51)	**Int. Cl [7] C07D 491/107,401/06 &A61K 31/445**
(71)	**1. H.LUNDBECK A/S (DENMARK)** **2.** **3.**
(72)	**1. NIELS MORK** **2. HEIDI LOPEZ DE DIEGO** **3. OLE NIELSEN**
(73)	**1.** **2.**
(30)	**1. (DK) 1267/97 – 07/11/1997** **2.** **3.**
(74)	**Samar Ahmed El Labad**
(12)	**Patent**

(54)	**-(4-(4-FLUOROPHENYL)-1H-INDOLE-3-YL)-1-BUTYL)-SPIRO(ISOBENZOFURAN-1(3H)-4 -PIPERIDINE)HYDROHALOGENIDES**
	Patent Period Started in from granted patent date and Ends in 02/11/2018

(57) The present invention relates to a hydrohalogenide of 1,[4-[1-(4-fluorophenyl)-1h-indole-3-yl]-1-butyl]-spiro[isobenzofuran-1(3h),4-pieridine]pharmaceutical compositions containing the acid addition salts and the use thereof for the treatment psychic and neurological disorders.



Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 13/06/2005** **(21) PCT/NA2005/000292** **(44) March 2007** **(45) 14/08/2007** **(11) 23792**

(51)	**Int. Cl** [7] **A61M 15/00**	
(71)	**1. OTSUKA PHARMACEUTICAL COLTD(JAPAN)** **2.** **3.**	
(72)	**1. CHIKAMASA YAMASHITA** **2. HITOSHI MATSUSHITA** **3. SHIGERU IBARAGI**	**4. AKITSUNA AKAGI**
(73)	**1.** **2.**	
(30)	**1. PCT/JP 2003/015943 – 12/12/2003** **2. (JP) 362754-2002 13/12/2002** **3.**	
(74)	**Samar Ahmed El Labad**	
(12)	**Patent**	

(54) INHALATION DEVICE FOR TRANSPULMONARY ADMINASTRATION

Patent Period Started in 13/06/2005 and Ends in12/06/2025

(57) An inhalation device for transpulmonary administration comprises, a chamber for containing a pharmaceutical composition which is pulverized into fine particles by an air –generated impact for dispersel in air, an air inlet flow path for in- troducing to the chamber outside air to apply the air –generated impact to the phamaceutical composition and for injecting the outside air toward the pharmaceutical compsition; an inhalation flow path for inhaling the pulverized pharmaceutical composition; a housing for accommoding the chamber, the air inlet flow path, and the inhalation flow path; a mouthpiece provided at one end of the housing, the mouthpiece provided with a mouth side flow pth which communicates with the inhalation flow path, and an auxiliary flow pxth.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**20/02/2002** **0205/2002** **May 2007** **14/08/2007** **23793**

(51)	**Int. Cl** [7] **E03D 5/09**
(71)	**1. ENGENEEING COMPANY FOR WATER MIXER (SALAH IBRAHIM ABD EL MAWGOUD) CO. (EGYPT)** **2.** **3.**
(72)	**1. SALAH IBRAHIM ABD EL MAWGOUD(CA.EGYPT)** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	**Salah Ibrahim Abd El Mawgoud**
(12)	**Patent**

(54) AN AXIS WATER MIXER(GOLD)

Patent Period Started in 20/02/2002 and Ends in 19/02/2022

(57) A one piece axis water mixer to transfer water out somatically through pumping water to a lower direction where a safety value takes control the mixer, sinternal mixer lead to a more distinguished result . Current mixwes cannot main concept depends on anoiding current demeris\ts of mixers cannot mix water internally thus endangering the user, certain methods of manufacturing and meassurements have to be adopted as indicated below to implement the axis mixer.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**19/11/2005** **PCT/NA 2005/000743** **May 2007** **14/08/2007** **23794**

(51)	**Int. Cl** [7] **H01R 13/506**
(71)	**1. SAIP & SCHYLLER SPA (ITALY)** **2.** **3.**
(72)	**1. ALDO COLOMBI** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (IT) (MI 2003 U 000240) – 21/05/2003** **2. (EP) (PCT/EP 2004/005089) -12/05/2004** **3.**
(74)	**Wagdi Nabeeh Azziz**
(12)	**Patent**

(54)	**COUPLING DEVICE FOR THE CONTACT BLOCK AND THE HANDLE OF AN ELECTRICAL CONNECTOR**
	Patent Period Started in 19/11/2005 and Ends in 18/11/2025

(57) An electrical connector member consisting of a contact block and handle connected removably by a coupling device comprising an elastic member made integral with the contact block near a proximal end of the contact block and having an outward protruding end part able to snap engage elastically in a through hole formed near a proximal end of the handle.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**23/03/2005** **0149/2005** **April 2007** **15/08/2007** **23795**

(51)	**Int. Cl** [7] **G01V 1/00**
(71)	**1. PGS AMERICAS INC (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. JACK DEWAYNE KINKEAD** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. US 10/836025 – 30/04/2004** **2.** **3.**
(74)	**Dr.Mohamed Kamel Moustafa**
(12)	**Patent**

(54) Method for Correcting Seismic Data For Receiver Movement During Data Acquisition

Patent Period Started in 23/03/2005 and Ends in22/03/2025

(57) A method is disclosed for processing seismic data. The method includes determining a position of a seismic energy source and seismic receivers at a time of actuation of the source. A velocity of the seismic receivers with respect to the source position is determined at the time of actuation. An offset of the receivers is corrected using the velocity. A moveout correction is determined for the signals detected by the sensors based on the corrected offset and a velocity of earth media through which seismic energy passed from the source to the sensors.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**21/09/2005** **PCT/NA 2005/000566** **May 2007** **15/08/2007** **23796**

(51)	**Int. Cl** [7] **E21B 29/12 & B66D 01/48**
(71)	**1. OCEANEERING INTERNATIONAL, INC (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. MICHAEL PIECYK** **2. JENELLE O,SULLIVAW-BASKET** **3. DAN T.BENSON**
(73)	**1.** **2.**
(30)	**1. (US) 10/395611 – 24/03/2003** **2. (US) (PCT/US 2004/008465) 19/03/2004** **3.**
(74)	**Hoda Ahmed Abd El Hadi**
(12)	**Patent**

(54) WIRELINE SUBSEA METERING HEAD AND METHOD OF USE

Patent Period Started in 21/09/2005 and Ends in20/09/2025

(57) The present invention comprises a system and method to measure positioning with respect to deploying a subsea load, the system comprising a subsea metering head having a position sensor; a controllable winch operatively connected to the winch flexible cable; and a controller operatively in communication with the controllable winch and the position sensor. The controller is capable of controlling the controllable winch in response to a received position feedback sensor signal. It is emphasized that this abstract is provided to comply with the rides requiring an abstract which will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope of meaning of the claims

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**29/12/2004** **2004/535** **February 2007** **26/08/2007** **23797**

(51)	**Int. Cl** [7] **A61M 39/10**
(71)	**1. D.EMAD ELDIN ABDEL FATTAH MOHAMED HASSEN (EGYPT)** **2.** **3.**
(72)	**1. D.EMAD ELDIN ABDEL FATTAH MOHAMED HASSEN** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**PERITONEAL DIALYSIS CONNECTION**
	Patent Period Started in 29/12/2004 and Ends in28/12/2024

(57) This is a modification in the peritoneal dialysis in which it consists of 2 pieces one piece is working as an extension fixed to the peritoneal catheter and the other part contains a three way in which the catheter connected to the input of the dialysis fluid and to a drain , then the extension getout in a closed manner in which no contamination to the inlet of the catheter, and no peritonitis.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**10/08/2004** **2004/0341** **March 2007** **19/08/2007** **23798**

(51)	**Int. Cl** [7] **A01C 7/00**
(71)	**1. DR. MOHAMED ABD EL RAHMAN A.ELWAKIL (EGYPT)** **2.** **3.**
(72)	**1. DR. MOHAMED ABD EL RAHMAN A.ELWAKIL** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**GAWDA A FORMULATION FOR BOOSTING THE IMMUNE SYSTEM OF THE PLANT AND INCREASING THE PRODUCTION**
	Patent Period Started in 10/08/2004 and Ends in 09/08/2024

(57) The patent is dealing with the production of environmentally safe formulations for boosting the immune system in the plant and increases the prouction. The formulation consists of a number of antioxidants i.e: ascorbic acid, benzoic acid, calcium lactate, citric acid, coenzyme Q10, curcumine, potassium lactate, salicylic acid, tertiary butyl hydroquinone (TBHQ) and Thiourea. Application of such formulations was designed to be used as pre-sowing treatment. The treaments enhanced the nitrogen uptake form soil and increased seedlings survival. Plant vigor also increased and produced high quality seed .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**26/07/2005** **PCT/NA 2005/000411** **April 2007** **21/08/2007** **23799**

(51)	**Int. Cl** [7] **F25J 1/02**	
(71)	**1. SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ BV (NETHERLANDS)** **2.** **3.**	
(72)	**1. WELLEM HUPKES** **2. PEI J. LIN** **3. ROLAND P.SIIVE**	**4. JAN K.VINK**
(73)	**1.** **2.**	
(30)	**1. (EP) 03250608,1 – 31/01/2003** **2. (EP) (PCT/EP 2004/050055) 30/01/2004** **3.**	
(74)	**C**	
(12)	**Patent**	

(54) PROCESS OF LIQUEFYING A GASEOUS, METHHANE-RICH FEED TO OBTAIN LIQUEFIED NATURAL GAS

Patent Period Started in 26/07/2005 and Ends in 25/07/2025

(57) Cooling and liquefying a gaseous, methane-rich feed in a main heat exchanger against evaporating refrigerant to get a liquefied stream and passing the liquefied stream to storage as liquefied product. The process comprises adjusting the composition and the amount of refrigerant and controlling the liquefaction process, using an advanced process controller based on model predictive control to determine simultaneous control actions for a set of manipulated variables in order to optimize at least one of a set of parameters whilst controlling at least one of a set of controlled variables, wherein the set of manipulated variables includes the mass flow rate of the heavy refrigerant fraction the mass flow rate of the light refrigerant fraction, the amount of refrigerant components make-up, the amount of refrigerant removed , the capacity of the refrigerant compressor and the mass flow rate of the methane-rich feed wherein the set of controlled variables includes the temperature difference at the warm end of the main heat exchanger, a variable relating to the temperature of the liquefied natural gas, the composition of the refrigerant entering the separator , the pressure in the shell of the main heat exchanger , the pressure in the separator and the level of the liquid in the separator,and wherein the set of variables to be optimized includes the production of liquefied product .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**24/04/2004** **0187/2004** **April 2007** **22/08/2007** **23800**

(51)	**Int. Cl** [7] **A61M 1/16**
(71)	**1. MOHAMED A. BASIONY (EGYPT)** **2.** **3.**
(72)	**1. MOHAMED A. BASIONY** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Utieity model**

(54) BICARBONALE POWDER COLUMN FOR DIALYSIS

Patent Period Started in 24/04/2004 and Ends in23/04/2011

(57) It is a bicarbonate powder column (cartridge) used during Bicarbonate Dialysis . This design allows the cartridge to be used with both Fresenius and Gambro Dialysis Machines (the most common dialysis machines). It could be manufactured (supplied) with the ports adapted to be used either with Fresenius or Gambro. Or it could be supplied with opening closed with cover, in that case it will be used with Gambro machines only or it could be supplied with adaptor fitted to the opening, in that case it will be used with Fresenius machines.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**14/08/2004** **0348/2004** **February 2007** **22/08/2007** **23801**

(51)	**Int. Cl** [7] **A61M 25/00**
(71)	**1. MOHAMED A. BASIONY (EGYPT)** **2.** **3.**
(72)	**1. MOHAMED A. BASIONY** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54) IJ CATHETER

Patent Period Started in 14/08/2004 and Ends in 13/08/2024

(57) Double Lumen dialysis catheter as the blood withdrawal occurs through one lumen and return back after dialysis through the 2nd lumen .

It has a curved hub which makes the catheter comfortable for the patient after insertion. Besides that it will give a good flow as no kink will happened. it is better from cosmetic point of view and also due to the slop in the diametre (as the diameter of the Hub is slightly bigger than the diameter of catheter body this slop close the opening in the skin and due to that the infection will be less than the other normal catheters) .

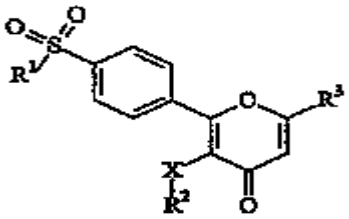
Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 25/09/1999** **(21) 1999/1189** **(44) April 2007** **(45) 22/08/2007** **(11) 23802**

(51)	**Int. Cl [7] C07D 309/38,309/40,405/04 & C07C311/29 & A61K 31/35**	
(71)	**1. ALMIRALL PRODESFARMA SA (SPAIN)** **2.** **3.**	
(72)	**1. MARIA I.CRESPO CRESPO** **2. JUAN M. JIMENEZ MAYORGA** **3. CARLES PUIG DURAN**	**4. LIDIA SOCA PUEYO**
(73)	**1. ALMIRAL PRODESFARMA AG (SWITZERLAND)** **2.**	
(30)	**1. (ES) P 199802011 – 25/09/1998 & 199900619 – 26/03/1999** **2.** **3.**	
(74)	**HODA ANIS SERAG EL DEIN**	
(12)	**Patent**	

(54) 2-PHENYLPYRAN-4-ONE DERIVATIVES

Patent Period Started in from granted patent date and Ends in 24/09/2019

(57) 2-phenylpyran -4 one derivatives of formula (I):



Wherein

R1 represents an alkyl or -NR^4R^5 group, wherein R^4 andR^5 each independently represents a hydrogen atom or an alkyl group;

R^2 represents an alkyl, C_3-C_7 cycloalkyl pyridyl,thieny naphthyl tetrahydronaphthyl or indanyl group or a phenyl group which may be unsubstituted or substituted by one or more halogen atoms or alkyl, trifluoromethyl hydroxy, alkoxy, methylthio, amino, mono or dialkylamino, hydroxyalkyl or hydroxycarbonyl groups;

R^3 represents a methyl hydroxymethyl alkoxymethyl C_3-C_7 cycloalkoxymethyl benzyloxymethyl, hydroxycarbony, nitrile trifluoromethyl, or difluoromethyl group or a CH_2-R^6 grou wherein r6 represents an alkyl group; and

X represents a single bond an oxygen atom a sulfur atom or a methylene group;

or pharmaceutically acceptable salts thereof, processes for their production and synthetic intermediates used in said processes pharmaceutical compositions containing them and their use in medical treatment.

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Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**30/12/2004** **2004/538** **April 2007** **26/08/2007** **23803**

(51)	**Int. Cl** [7] **A61B3/117**
(71)	**1. MAHMOUD AHMED MOHAMED EILRUBY (EGYPT)** **2.** **3.**
(72)	**1. MAHMOUD AHMED MOHAMED EILRUBY** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**Laser Gonimeoscopy**
	Patent Period Started in 30/12/2004 and Ends in29/12/2024

(57) I decided to incorporate more than one beam of diode laser light (like that of the laser pointer light of 5 watt) to an indirect gonioscopy lens incorporated with mirrors of different inclination angles for measuring accurately & with reproducibility the angle recess with the aid of slit lap biomicroscopy.which will lead to :1-accurate communication among ophthalmologist about the state of anterior chamber angle recess.2-reproducible quantification of angle recess of anterior chamber helping in diagnosis, management,therapy & prognosis.3-furthur evaluation of different structures in the angle recess in their relation to each other in the field of their angulation in pre & post surgical & pre & post refractive procedures which may trought some light about changes in refraction & intra ocular pressure change.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 28/04/2005** **(21) PCT/NA 2005/000176** **(44) March 2007** **(45) 28/08/2007** **(11) 23804**

(51)	**Int. Cl [7] C10G 11/02**	
(71)	**1. UHDE GMBH (GERMANY)** **2.** **3.**	
(72)	**1. NATARAJAN THIAGARAJAN** **2. MAX HEINRITZ – ADRIAN** **3. SASCHA WENZEL**	**4 . JOHANNES MENZEL**
(73)	**1.** **2.**	
(30)	**1. EP 10251135,7 – 31/10/2002** **2. (EP)(PCT/EP2003/011948) 28/10/2003** **3.**	
(74)	**SAMAR AHMED EL LABAD**	
(12)	**Patent**	

(54) METHOD FOR CATALYTICALLY DEHYDRATING HYDROCARBONS

Patent Period Started in 28/04/2005 and Ends in 27/04/2025

(57) The invention relates to a method for producing unsaturated hydrocarbons. According to said method, in a first step, a hydrocarbon, especially a mixture which contains alkanes, essentially no water, and can contain water vapour, is continuously guided through a first catalyst bed provided with standard dehydration conditions. Liquid water, water vapour and a gas containing oxygen are then added to the reaction mixture obtained in the first step and, in a second step, the reaction mixture obtained is then continuously guided through another catalyst bed for oxidising hydrogen and for further dehydrating hydrocarbons. The first catalyst bed can be heated and the heating in the first step is then preferably regulated in such a way that an essentially isothermic operating mode is created.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 13/06/2005** **(21) PCT/NA 2005/000290** **(44) APRIL2007** **(45) 08/08/2007** **(11) 23775**

(51)	**Int. Cl [7] A61J 3/02 , A61K 9/72, A61M 13/00 , A61P 5/50**
(71)	**1. OTSUKA PHARMACEUTICAL CO LTD (JAPAN)** **2.** **3.**
(72)	**1. CHIKAMASA YAMASHITA** **2. AKITSUNA AKAGI** **3. YUICHIRO FUKUNAGA**
(73)	**1. (JP) PCT 2003/015931 – 12/12/2003** **2. 2002-363158 13/12/2002**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54) NOVEL DRY POWDER INHALATION SYSTEM FOR TRANSPULMONARY ADMINISTRATION

Patent Period Started in and Ends in

(57) It is intended to provide a novel dry powder inhalation system for traspulmonary administration which is suitable for transpulmunary administration . This novel dry powder inhalation system for trabspulomnary administration comprises (1) a container having a freez-dned comrosition for transpulmonary administration which is prearod freeze-drying a liquid compstion a component in an undissol ved stale has the following properies (i)to(iii);(i)being in the from of a non-powdery cake;(ii)having a disintegration index of 0,05 or more; and (iii) upon an alr impact of an air speed of at lest Im/sec and an air flow mie of at least 17 m1/sec, being disintegrated into fine particles hving an average diamcter (an aerodynamlc particle dameter) of 10 m or lese or an elfective particle rale of 10%or mone;combined with (2) a menas of applying the above-decribed air impact to the frcez-dnied compasition in the above desorlbed contaner and a means of discharging the powdery freze-tlred compsition having been dislntegrated into fine particles.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**02/03/2005** **PCT/NA 2005/000037** **APRIL 2007** **08/08/2007** **23768**

(51)	**Int. Cl [7] C06F 15/173,12/00**
(71)	**1. NOKIA CORPORATION (FINLAND)** **2.** **3.**
(72)	**1. GANESH SIVARAMA** **2. RIKU METTALA** **3.**
(73)	**1.** **2.**
(30)	**1. US 10/236010 – 03/09/2002 – 10/291192 – 08/11/2002** **2. (PCT/IB2003/003737)- 03/09/2003** **3.**
(74)	**HODA AHMED ABD EL HADI**
(12)	**Patent**

(54)	**METHOD, DEVICE AND SYSTEM FOR SYNCHRONIZING OF DATA PROVIDING FOR THE HANDLING OF AN INTERRUPTED SYNCHRONIZATION PROCESS**
	Patent Period Started in02/03/ 2005 and Ends in 01/03/2025

(57) The present invention provides a method, a network device and a system for allowing for resuming incomplete synchronization session is provided, wherein the preceding incomplete synchronization session has been interrupted during its performing . In principle the resuming of the preceding incomplete synchronization session is based on the follozing aperations according to the inventive concept. A comnunication connection for synchonization of data between a first and a second device is establishing . The first and the second device comprise each a predefined set of data records to be synchronized. A first and a second update identifier are communicated between the first and the second device. The first update identifier specifies a preceding comptete synchronzation session having been performed between them and the second update idenfifior specifies a preceding incomplete synchronization session having been performed between them synchronzation related information is exchanged between the first the seconad device .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 21/04/2004** **(21) PCT/NA2004/000015** **(44) APRIL 2007** **(45) 08/08/2007** **(11) 23769**

(51)	**Int. Cl [7] E21B 37/06**
(71)	**1. SOFITECH NV (BELGIUM)** **2.** **3.**
(72)	**1. WAYNE W. FRENIER** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. US 60/335,631- 25/10/2001 & 10/253,962 24/09/2002** **2. (EP) (PCT/EP02/11807) 22/10/2002** **3.**
(74)	**HODA AHMED ABD EL HADI**
(12)	**Patent**

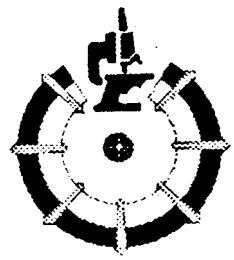
(54) TREATING COMPOSITION

Patent Period Started in 21/04/2004 andEnds in20/04/2024

(57) Treating compositions containing mutual solvents suitable for forming and maintaining single-phase aqueous fluid treating compositions containing very high concentrations of acids and/or chelating agents are described.

Methods of use of these treating compositions for dissolving and removing scale and formation matrix material in oil-field treatments such as stimulation and remediation are given

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



GRANTED PATENT'S ABSTRACTS

Egyptian Patent Office

Issue No 136 September 2007

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ZW	Zimbabwe
LA	Latfya

Abstracts
For
Granted Parents
(Augest 2007)

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 19/10/2005** **(21) PCT/NA2005/000660** **(44) April 2007** **(45) 02/09/2007** **(11) 23805**

(51)	**Int. Cl [7] C10G 32/02 (2006.01) & C10L 1/00 (2006.01)**
(71)	**1. WENHAO WANG (CHINA)** **2.** **3.**
(72)	**1. WENHAO WANG** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (CN) 03122967,0 – 23/04/2003** **2. (CN) (PCT/CN 2004/000391) - 23/04/2004** **3.**
(74)	**MAHMOUD RAGAEE EL DAKY**
(12)	**Patent**

(54)	**A NANO-GRANULE FUEL AND ITS PREPARATION**
	Patent Period Started in 19/10/2005 and Ends in 18/10/2025

(57) The present invention discloses a nano-granule fuel, which basically contains granule no more than 10nm. This nano-granule fuel is acquired by treating conventional fuel under a magnetic field having at least 8000 guass clearance magnetic density and at least 1.5 tesla/cm magnetic gradient.. Compared with conventional fuel, the nano-granule fuel oil considerably increases burning degree of fuel. It could economize fuel and reduce emissions of CO etc. in tail gas

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 06/02/2005** **(21) PCT/NA2005/000020** **(44) April 2007** **(45) 03/09/2007** **(11) 23806**

(51)	**Int. Cl [7] H04B 1/66**
(71)	**1. MOTOROLA INC (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. RAGHAVAN SUBRAMANIYAN** **2. BHAVAN GANDHI** **3.**
(73)	**1.** **2.**
(30)	**1. (US) 10/212940 – 06/08/2002** **2. (US) (PCT/US 2003/023286) - 25/07/2003** **3.**
(74)	**SAMAR AHMED EL LABAD**
(12)	**Patent**

(54) METHOD AND APPARATUS FOR PERFORMING HIGH QUALITY FAST PREDICTIVE MOTION SEARCH

Patent Period Started in 06/02/2005 and Ends in 05/02/2025

(57) A method and apparatus for performing motion search in a video encoder system using motion vectors representing the difference in coordinates of a macroblock of data in a current frame of video data and coordinates of a related macroblock of data in a reference frame of video data. A plurality of motion vector predictors is obtained where the motion vector predictors represent approximations of possible motion vectors for a current macroblock. A search pattern is defined. Each motion vector predictor of the plurality of motion vector predictors is searched around using the search pattern. A final motion vector is then determined.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 09/08/2005** **(21) PCT/NA2005/000437** **(44) April 2007** **(45) 04/09/2007** **(11) 23807**

(51)	**Int. Cl [7] B01D 53/14 (2006.01) & F25J 3/02 (2006.01)**
(71)	**1. SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ BV (NETHERALNDS)** **2.** **3.**
(72)	**1. EDUARD C. BRAS** **2. PARAMASIVAM S. KUMAR** **3.**
(73)	**1.** **2.**
(30)	**1. (EP) 03250826,9 – 10/02/2003** **2. (EP) PCT/EP2004/050102 - 09/02/2004** **3.**
(74)	**SAMAR AHMED EL LABAD**
(12)	**Patent**

(54)	**REMOVING NATURAL GAS LIQUIDS FROM A GASEOUS NATURAL GASSTREAM**
	Patent Period Started in 09/08/2005 and Ends in 08/08/2025

(57) Removing natural gas liquids from a gaseous natural gas stream at elevated pressure to obtain a gaseous product stream having a reduced content of natural gas liquids comprises : (a) introducing cooled natural gas into a scrub column that consists of a lower stripping section and an upper absorption section removing from the scrub column an overhead stream partly condensing the overhead stream and separating the partly condensed overhead stream into a gaseous product stream and a liquid reflux stream splitting the liquid reflux stream into a first reflux and a second reflux stream introducing the first reflux stream into the top of the absorption section of the scrub column and introducing the second reflux stream into the top of the striiing section and removing from the bottom of the scrub column a liquid bottom stream rich in heavier components .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**21/05/1997** **19970450** **May 2007** **05/09/2007** **23808**

(51)	**Int. Cl** [7] **A01N 25/28 & B01J 13/16**	
(71)	**1. ZENECA LIMITED (UNITED STATES OF AMERICA)** **2.** **3.**	
(72)	**1. JIN- Ling CHEN** **2. KUO-SHIN LEE** **3. MARIUS RODSON**	**4. HERBERT B. SCHER**
(73)	**1. SYNGENTA LIMITED (UNITED KINGDOM)** **2.**	
(30)	**1. (US) 60/018220 - 23/ 05/1996 & 08/685742 - 24/ 07/1996** **2.** **3.**	
(74)	**SOHIER MEKHAEL REZK & SALWA MEKHAEL REZK & SAMIA MEKHAEL REZK**	
(12)	**Patent**	

(54) REMOVING NATURAL GAS LIQUIDS FROM A GASEOUS NATURAL GASSTREAM

Patent Period Started in 21/05/1997 and Ends in 20/05/2017

(57) polyurea microcapsules particularly suitable for foliar application aer prepared by an interfacial polymerization process in which the polyurea is formed from an aromatic diisocyanate and optionally an aromatic polysocyanate having 3 or more isocyanate groups,in a weight ratio (when both types of isocyanate are present) of polyisocyanate: diisocyanate of from about 1:100 to about 1:1.5, and in which the microcapsules are produced having an average particle size of from about 1 to about 5 microns.

As compared to conventional lijuid (e.g.,emulsifiable concentrate) compositions of pesticides, the microcapsules can provide safer handling and higher loading of active ingredients, while providing substantially ejuivalent biological activity to th lijuid compositions.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**22/05/2004** **20040232** **May 2007** **09/09/2007** **23809**

(51)	**Int. Cl [7] A01N 3/000, 61/00**
(71)	**1. PROF. DR. FAROUK M.A. MOSTAFA (EGYPT)** **2.** **3.**
(72)	**1. PROF. DR. FAROUK M.A. MOSTAFA** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	**FOCAL POINT – PATENT OFFICE – (ASSIOUT UNIVERSITY) PRESENTED BY HODA SAID EL SAYED**
(12)	**Patent**

(54) BOROSUCCINE (GROWTH RETARDANT & FLOWERING INDUCER)

Patent Period Started in 22/05/2004 and Ends in 21/05/2024

(57) Borosuccine is new artifical plant growth retardant and flowering inducer . It consists of two components. These components are : Boric acid and succinic acid . The two components should be mixed at 10% - 90% or 50% of both the aforementioned acids through the ratio 2:1 of boric acid and succinic acid respectively according to the equation of Borosuccine (Boron – succinate) mechanism formation :

$$2\,(H3BO3) + \begin{matrix} CH_2\text{-}COOH \\ 1 \\ CH_2\text{-}COOH \end{matrix} \xrightarrow{+\,H_2O} \begin{matrix} H_2B\text{–}CH\text{-}COOH \\ 1 \\ H_2B\text{–}CH\text{-}COOH \end{matrix} + 3H2O+2O2$$

And applied at the best time to achieve the objectives of this new growth retardant. The objectives of this growth retardant applications are : reducing the vegetative growth instead of fruit tree pinching , flowering inducer fruit set enhancer fruit ripener, yield and fruit quality improvement. It is could used for vegetable crops as well as cotton and sugarcane plants . It is safety for human , animal and the ecology .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**22/05/2004** **20040230** **May 2007** **09/09/2007** **23810**

(51)	**Int. Cl** [7] **G02B 7/00**
(71)	**1. DR. ALY MAHMOUD MOHAMED EL- SAMAN (EGYPT)** **2.** **3.**
(72)	**1. DR. ALY MAHMOUD MOHAMED EL- SAMAN** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	**FOCAL POINT – PATENT OFFICE – UNIT FOR PROTECTION OF INTELLECTUAL PROPERTY – ASSIOUT UNIVERSTY PRESENT BY MOHAMED FAROUK MOHAMED AHMED**
(12)	**Patent**

(54)	**LAPARSCOPY CAMERA & TELESCOPE CARRIER & DIRECTOR**
	Patent Period Started in 22/05/2004 and Ends in 21/05/2024

(57) Laparscopic surgery is absolutely dependant upon clear & stable visualization of operative field. This necessitates the cooperation of well trained team including a cameraman. The carrier was designed to give a fixed clear view of operative filed as it is directed by the surgeon. The carrier is not space occupying and very simple to be directed.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 05/10/2005** **(21) PCT/NA2005/000620** **(44) June 2007** **(45) 12/09/2007** **(11) 23811**

(51)	**Int. Cl [7] C23C 2/00 (2006.01) , C23C 2/24 (2006.01)**	
(71)	**1. SMS DEMAG AG (GERMANY)** **2.** **3.**	
(72)	**1. ROLF BRISBERGER** **2. BERNHARD TENCKHOFF** **3. HOLGER BEHRENS**	**4. HANS- GEORG HARTUNG** **5. WALTER TRAKOWSKI** **6. MICHAEL ZIELENBACH**
(73)	**1.** **2.**	
(30)	**1. (DE) 10316137,6 – 09/04/2003** **2. (EP) (PCT/EP 2004/002786) - 18/03/2004** **3.**	
(74)	**WAGDY NABIH AZIZ**	
(12)	**Patent**	

(54) METHOD AND DEVICE FOR COATING A METAL BAR BY HOT DIPPING STEEL STRIP

Patent Period Started in 05/10/2005 and Ends in 04/10/2025

(57) The invention relates to a method for coating a metal bar , in particular a steel strap by hot dipping consisting in vertically passing the metal bar through a container containing a molten coating metal and through a guiding channel which is connected in series and has a predefined height In order to retain the coating metal in the container , an electromagnetic field is produced at the level of said guiding channel by means of at least two inductors which are arranged on two sides of the metal bar. In order to calm the coating bath, a predefined flow of the coating metal is directed towards the guiding channel at the level of the vertical extension thereof. The predefined volume flow of the coating metal supplied to the guide channel represents either a portion of or the whole of the replenishment volume of coating metal per unit time that is required to maintain a desired level of coating metal in the coating tank. The inventive device for coating a metal bar by hot dipping is also disclosed

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**01/10/2003** **20030958** **May 2007** **12/09/2007** **23812**

(51)	**Int. Cl** [7] **H04M 1/00,11/06 ,1/21**
(71)	**1. ENG. AHMED MOHAMED HAMZA ABU EL ENIN (EGYPT)** **2.** **3.**
(72)	**1. ENG. AHMED MOHAMED HAMZA ABU EL ENIN** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**DEAF AND MUTE TELEPHONE**
	Patent Period Started in 01/10/2003 and Ends in 30/09/2023

(57) Deaf and mute telephone is an electronic circuit that putted on the telephone set that exist in the home of the deaf and mute person It make the one who call him able to use the buttons of numbers in the telephone set to write what he want then it will be sent on the telephone line without using any additional services from communication company and appear on a screen in the electronic circuit. If there are two of the deaf and mute telephone (one for the transmitter and another for the receiver) they can make a complete conversation. The way of writing is the same as the same as the messages in mobile so pressing number 2 once mean A pressing 2 twice means B and so on .

when the telephone rings in the home of the deaf and mute person a lamp will be on so he will know that some one wants to call him

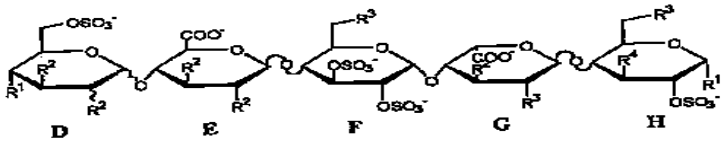
Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 09/12/1998** **(21) 199801526** **(44) May 2007** **(45) 12/09/2007** **(11) 23813**

(51)	**Int. Cl [7] C07H 3/06, 15/047 & A61K 31/735**	
(71)	**1. AKZO NOBEL NV (FRANCE)** **2. SANOFI (FRANCE)** **3.**	
(72)	**1. CONSTANT A. VAN BOECKEL** **2. MAURICE PETITOU** **3. PHILIPPE DUCHAUSSOY**	**4. DREFF-TROMP CORNELIA** **5. JOHANNES E. BASTEN**
(73)	**1. SANOFI SYNTHLABO (FRANCE)** **2.**	
(30)	**1.** **2.** **3.**	
(74)	**NAZIH AKNOUKH SADEK ELIAS**	
(12)	**Patent**	

(54) CARBOHYDRATE DERIVATIVES

Patent Period Started in From granted patent date and Ends in 08/12/2018

(57) The invention relates to a carbohydrate derivative having formala;-



(I)

wherein R^1 is (1-4C) alkoxyy, R^2,R^3 and R^4 are independently (1-4c) alkoxy or OSO^3 , the total number of sulfate groups is 4, 5 , or 6, and the twisted lines respresent bounds either above or below the plane of the six-membered ring to which they are attached or a pharmaceutically acceptable salt thereof.

The compounds of the invention have antithromboitic activity and may be used for treating or preventing thrombosis and for inhibiting smooth cell proliferation.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 02/07/1997** **(21) 19970623** **(44) May 2007** **(45) 12/09/2007** **(11) 23814**

(51)	**Int. Cl [7] A61K 9/16, 9/20**
(71)	**1. YAMANOUCHI EUROPE BV (NETHERLANDS)** **2.** **3.**
(72)	**1. BERNARDUS L. DIJKGRAAF** **2. AART MUHLENBRUCH** **3.**
(73)	**1. ASTELLAS PHARMA EUROPE B.V (NETHERLANDS)** **2.**
(30)	**1. (EP) 96201829,7 – 03/07/1996** **2. (US) 08/770421 – 20/12/1996** **3.**
(74)	**HODA ANIS SERAG EL DIN**
(12)	**Patent**

(54)	**GRANULATE FOR THE PREPARATION OF FAST- DISINTEGRATING AND FAST DISSOLVING COMPOSITIONS CONTAINING A HIGH AMOUNT OF DRUG**
	Patent Period Started in From granted patent date and Ends in 01/07/2017

(57) A granulate,containing an active ingredientt, having a solubility in water of1:>10,in abmixture with<15 wt%of a water dispersible cellulose, is provided for the preparation of fast-disintegrating and fast-dissolving compositions.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 23/09/1997** **(21) 19970985** **(44) April 2007** **(45) 19/09/2007** **(11) 23815**

(51)	**Int. Cl [7] A61K 31/55 & C07D 495/04, 243/10**	
(71)	**1. ELI LILLY AND COMPANY (UNITED STATES OF AMERICA)** **2.** **3.**	
(72)	**1. SAMUEL D. LARSEN** **2. JOHN NICHOLS** **3. SUSAN M. REUTZEL**	**4. GREGORY A. STEPHENSON** **5.** **6.**
(73)	**1.** **2.**	
(30)	**1. (US) 60/026486 – 23/09/1996** **2.** **3.**	
(74)	**HODA AHMED ABD EL HADY**	
(12)	**Patent**	

(54) OLANZAPINE DIHYDRATED

Patent Period Started in From granted patent date and Ends in 22/09/2017

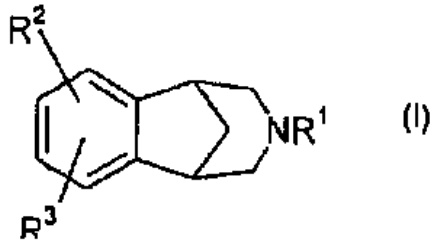
(57) The present invention provides the novel dihydrate D 2- methyl- thieno - benzodiazepine and a formulation therefore.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 28/12/1998** **(21) 19981612** **(44) April 2007** **(45) 19/09/2007** **(11) 23816**

(51)	**Int. Cl [7] C07D 221/22, 498/08, 513/08, 471/08 & A61K 31/435**
(71)	**1. PFIZER PRODUCTS INC (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. JOTHAM W. COE** **2. PAIGE R. BROOKS** **3.**
(73)	**1.** **2.**
(30)	**1. (US) 60/070245 – 31/12/1997** **2.** **3.**
(74)	**HODA AHMED ABDEL HADY**
(12)	**Patent**

(54)	**ARYL FUSED AZAPOLYCYCLIC COMPOUNDS**
	Patent Period Started in From granted patent date and Ends in 27/12/2018

(57) Compounds of the formula;



(I)

and their pharmaceutically acceptable salts, wherin R1, R2, R3, and N are defined as in the specification , intermediates in the synthesis of such compounds, pharmaceuticals compositions containing such compounds and methods of using such compounds in the treatment of neurological and psychological disorders are claimed.

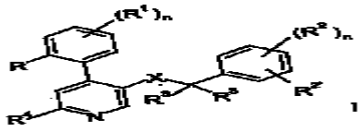
Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**22/02/2000** **20000206** **April 2007** **19/09/2007** **23817**

(51)	**Int. Cl** [7] **A61K 31/44 & C07D 213/30, 213/38, 213/74, 213/75, 213/82, 401/04, 401/12**
(71)	**1. F. HOFFMANN- LA ROCHE AG (SWITZERLAND)** **2.** **3.**
(72)	**1. MICHAEL BOES** **4. THIERRY GODEL** **7. PATRICK SCHNIDE** **2. QUIRICO BRANCA** **5. TORSTEN HOFFMANN** **8. HEINZ STADLER** **3. GUIDO GALLEY** **6. WALTER HUNKELER** **9.**
(73)	**1.** **2.**
(30)	**1. (EP) 99103504,9 – 24/02/1999 & 99123689,4 – 29/11/1999** **2.** **3.**
(74)	**HODA AHMED ABDEL HADY**
(12)	**Patent**

(54) 4- PHENYL – PYRIDINE DERIVATIVES

Patent Period Started in From granted patent date and Ends in 21/02/2020

(57) The present invention relates to compounds of the general formula



wherin

R is hydrogen, lower alkyl, lower alkoxy, halogen or trifluoromethyl ;

R^1 is hydrogen or halogen ; or

R and R^1 may together- CH=CH-CH=CH,

R^2 and R^2 are independently from each other hydrogen, halogen trifluoromethyl, lower alkoxy or cyani; or

R^2 and R^2 may be together- CH=CH-CH=CH-, optionally substituted by one or two substituents selected from lower alkyl or lower alkoxy ;

R^3 is hydrogen, lower alkyl or form a cycloalkyl group;

R^4 is hydrogen,- N $(R^5)_2$, - $N(R^5)(CH_2)_nOH$, - N (R^5) S $(O)_2$- lower alkyl ,- $N(R^5)S(O)_2$- phenyl,- $N=CH-N(R^5)_2$, - $N(R^5)_2$,-$N(R^5)$ $C(O)R^5$

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 12/10/1999** **(21) 19991275** **(44) April 2007** **(45) 19/09/2007** **(11) 23818**

(51)	**Int. Cl [7] A61K 31/135, 47/10**
(71)	**1. PFIZER PRODUCTS INC (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. NANCY J. HARPER** **2. GAUTAM R. RANADE** **3. WILLARD M. WELCH**
(73)	**1.** **2.**
(30)	**1. (US) 60/104024 – 13/10/1998** **2.** **3.**
(74)	**HODA AHMED ABDEL HADY**
(12)	**Patent**

(54)	**SERTRALINE ORAL CONCENTRATE**
	Patent Period Started in From granted patent date and Ends in 11/10/2019

(57) The present invention provides an essentially nonaqueous liquid pharmaceutical concentrate composition for oral administration contaning sertraline or a pharmaceutically acceptable salt thereof and one or more pharmaceutically acceptable excipients. The present invention also provides a use of this concentrate composition to prepare an aqueous solution of sertraline. In addition the present invention provides a method of using this concentrate composition to treat or prevent a variety of diseases or conditions . Finally, the present invention provides the compound,(IS-cis)-4-(3,4-dichlorophenyl)1,2,3,4-tetrahydro-n-methyl-1-naphthalenamine methanesulfonate

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**18/01/2000** **20000058** **April 2007** **19/09/2007** **23819**

(51)	**Int. Cl** [7] **C07C 213/00, 215/60**
(71)	**1. BOEHRINGER INGELHEIM PHARMA KG (GERMANY)** **2.** **3.**
(72)	**1. FRANZ D. KLINGLER** **2. LIENHARD WOLTER** **3. WOLFGANG DIETRICH**
(73)	**1. BOEHRINGER INGELHEIM PHARMA GMBH & CO KG (GERMANY)** **2.**
(30)	**1. (DE) 19902229,1 - 21/01/1999** **2.** **3.**
(74)	**HODA AHMED ABDEL HADY**
(12)	**Patent**

(54)	**METHOD FOR PREPARING OF L-PHENYLEPHRINE - HYDROCHLORIDE**
	Patent Period Started in From granted patent date and Ends in 17/01/2020

(57) The present invention relates to an improved process for preparing L-phenyleprine hydrochloride (3) on an industrial scale by asymmetric hydrogenation as the key step and a special sequence of subsequent steps using (Rh) (COD) $C_1)_2$ as catalyst and a chiral two pronged phosphine ligand such as (2R,4R)4- (dicyclohexylphosphino) –2- (diphenylphosphino –methyl) -n- methyl- aminocarbony - pyrrolidine as the catalyst system

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 17/10/1999** **(21) 19991295** **(44) May 2007** **(45) 19/09/2007** **(11) 23820**

(51)	**Int. Cl [7] A61K 31/167, 9/00**
(71)	**1. BOEHRINGER INGELHEIM PHARMA KG (GERMANY)** **2.** **3.**
(72)	**1. DIETER HOCHRAINER** **2. BERND ZIERENBERG** **3.**
(73)	**1. BOEHRINGER INGELHEIM PHARMA GMBH & CO KG (GERMANY)** **2.**
(30)	**1. (DE) 19847969,7 – 17/10/1998** **2.** **3.**
(74)	**HODA AHMED ABDEL HADY**
(12)	**Patent**

(54)	**LIQUID FORMULATION WITH FORMOTEROL, SUITABLE FOR STORAGE**
	Patent Period Started in From granted patent date and Ends in 16/10/2019

(57) The present invention relates to a formoterol active substance concetrate suitable for storage in the form of a solution or suspension for use in inhalers for inhalation or nasal therapy.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 07/01/1997** **(21) 19970018** **(44) May 2007** **(45) 19/09/2007** **(11) 23821**

(51)	**Int. Cl [7] A61K 45/06 , 31/44 , 33/08 , 33/10 , 9/20 , 9/26**
(71)	**1. ASTRA AKTIEBOLAG (SWEDEN)** **2.** **3.**
(72)	**1. HELENE DEPUI** **2. AGNETA HALLGREN** **3.**
(73)	**1. ASTRAZENEC AB (SWEDEN)** **2.**
(30)	**1. (SE) 9600071,6 – 08/01/1996** **2.** **3.**
(74)	**HODA AHMED ABDEL HADY**
(12)	**Patent**

(54)	**ORAL PHARMACEUTICAL DOSAGE FORMS COMPRISING A PROTON INHIBITOR AND AN ANTACID AGENT OR ALGINATE**
	Patent Period Started in From granted patent date and Ends in 06/01/2017

(57) An oral pharmaceutical dosage form comprising an acid susceptible proton pump inhibitor and one or more antacid agents or ann alginate in a fixed formulation , wherein the proton pump inhibitor is protected by an enteric coating layer and an optional separating layer in between tthe proton pump inhibitor and the enteric coatting. The fixed formulation is in the form of muultilayered tables sachets or multiple unit tableted dosage forms. The multiple unit dosage form is most preferred. The new fixed formulation is especially useful in the treatmennt of disorders associated with dyspepsia such as heartburn.

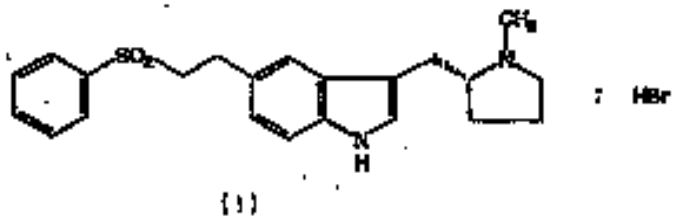
Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 26/08/1995** **(21) 19950711** **(44) May 2007** **(45) 19/09/2007** **(11) 23822**

(51)	**Int. Cl [7] C07D 403/06 & A61K 31/404**
(71)	**1. PFIZER RESEARCH AND DEVELOPMENT COMPANY NV/SA (IRELAND)** **2.** **3.**
(72)	**1. VALERIE D. HARDING** **2. ROSS J. MACREA** **3. RONALD J. OGILVIE**
(73)	**1.** **2.**
(30)	**1. (GB) 9417310,1 – 27/08/1994** **2.** **3.**
(74)	**HODA AHMED ABDEL HADY**
(12)	**Patent**

(54) SALTS OF AN ANTI – MIGRAINE INDOLE DERIVATIVE

Patent Period Started in From granted patent date and Ends in 25/08/2015

(57) The invention relates to an ά - polymorphic form of a compound of formula (1)



(1)

to processes for the preparation thereof to an intermediate B-polymorphic form and to pharmaceutical compositions and therapeutic uses thereof.

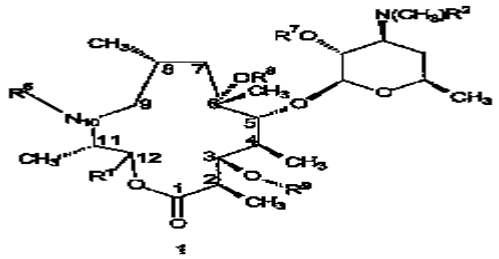
Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 17/11/1999** **(21) 1999 1476** **(44) May 2007** **(45) 19/09/2007** **(11) 23823**

(51)	**Int. Cl [7] C07H 17/08 & A61K 31/70**		
(71)	**1. PFIZER PRODUCTS INC (UNITED STATES OF AMERICA)** **2.** **3.**		
(72)	**1. ROBERT J. RAFKA** **2. BARRY J. MORTON** **3. COLMAN B. RAGAN**	**4. PETER BERTINATO** **5. JOHN P. DIRLAM** **6. ALAN E. BLIZE**	**CARL B. ZIEGLER**
(73)	**1.** **2.**		
(30)	**1. (US) 60/109399 - 20/11/1998** **2.** **3.**		
(74)	**HODA AHMED ABDEL HADY**		
(12)	**Patent**		

(54) 13-MEMBERED AZALIDES AND THEIR USE AS ANTIBIOTIC AGENTS

Patent Period Started in From granted patent date and Ends in 16/11/2019

(57) The invention relates to a method of preparing compounds of the formula 1



and to pharmaceutically acceptaple salts thereof the compounds of formula (1) are antibacterial agents that may be used to treat various bacterial and protozoa infections. The invention also relates to pharmaceutical compositions containing the compounds of formula 1 and to method of treating bacterial protozoa infections by administering the compounds of formula 1. The invention also relates to methods of preparing the compounds of formula 1 and to intermediates useful in such preparation.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 07/12/2005** **(21) 20050507** **(44) June 2007** **(45) 25/09/2007** **(11) 23824**

(51)	**Int. Cl ^{7} E21B 1/00**
(71)	**1. SCHLUMBERGER TECHNOLOGY CORPORATION (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. HERVE OHMER** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (US) 10/905,012 – 09/12/2004** **2.** **3.**
(74)	**HODA AHMED ABDEL HADY**
(12)	**Patent**

(54) SYSTEM AND METHOD FOR COMMUNICATING ALONG A WELLBORE

Patent Period Started in 07/12/2005 and Ends in 06/12/2025

(57) A system and method is provided for communicating with a device disposed in a wellbore. Signals are communicated between a surface location and the device via a hardwired section of wellbore and a wireless section of wellbore. The signal is sent downhole or uphole over a portion of the distance via a communication line and over another portion of the distance via wirless communication.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 22/03/2005** **(21) PCT/NA 2005/000079** **(44) June 2007** **(45) 25/09/2007** **(11) 23825**

(51)	**Int. Cl [7] H04L 12/56**	
(71)	**1. NOKIA CORPORATION (FINLAND)** **2.** **3.**	
(72)	**1. IGOR D. CURCIO** **2. MIIKK LUNPAN** **3. EMRE B. AKSU**	**4. WANG RU - SHANG** **5. VIKTOR VARSA** **6. DAVID LEON**
(73)	**1.** **2.**	
(30)	**1. (FI) 20021698 – 23/09/2002** **2. (US) 10/369098 - 18/02/2003** **3. (FI) (PCT/FI 2003/000686) - 19/09/2003**	
(74)	**HODA AHMED ABDEL HADY**	
(12)	**Patent**	

(54)	**DANDWIDTH ADAPTATION**
	Patent Period Started in 22/03/2005 and Ends in 21/03/2025

(57) The invention relates to a method for packet switched streaming of media, such as video and/or audio, from a streaming server to a mobile client device over an air-interface. The method comprises noticing a change in a downlink air-interface bandwidth, sending from the mobile client device to the streaming server a request for adapting streaming server transmission bit rate, receiving the request at the streaming server and adapting the streaming server transmission bit rate in accordance with the request. According to the method, the request indicates to the streaming server a current downlink air-interface bandwidth and that said adapting of the streaming server transmission bit rate is performed in accordance with said current downlink air-interface bandwidth

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 12/09/1996** **(21) 19960822** **(44) April 2007** **(45) 25/09/2007** **(11) 23826**

(51)	**Int. Cl [7] A61K 31/40 , 9/16 , 9/20 , 47/48**
(71)	**1. PFIZER RESEARCH AND DEVELOPMENT COMPANY NV/SA (IRELAND)** **2.** **3.**
(72)	**1. THOMAS F. DOLAN** **2. MICHAEL J. HUMPHREY** **3. DONALD J. NICHOLS**
(73)	**1.** **2.**
(30)	**1. (GB) 9518953,6 – 15/09/1995** **2.** **3.**
(74)	**HODA AHMED ABDEL HADY**
(12)	**Patent**

(54)	**PHARMACEUTICAL FORMULATIONS**
	Patent Period Started in From granted patent date and Ends in 11/09/2016

(57) There is provided a pharmaceutical dosage form adapted for administration to the gastrointestinal tract of a patient comprising darifenacin or a pharmaceutically acceptable salt thereof and a pharmaceutically acceptable adjuvant , diluent or carrier characterized in that the dosage form is adapted to deliver at least 10% by weight of the darifenacin or the pharmaceutically acceptable salt thereof to the lower gastrointestinal tract of the patient. The formulation minimizes unwanted side effects and increases the bioavailability of darifenacin.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 04/04/2005** **(21) PCT/NA2005/000104** **(44) April 2007** **(45) 26/09/2007** **(11) 23827**

(51)	**Int. Cl [7] D21H 25/00 & D21F 11/14**		
(71)	**1. FORT JAMES CORPORATION (UNITED STATES OF AMERICA)** **2.** **3.**		
(72)	**1. STEVEN L. EDWARDS** **2. GUY H. SUPER** **3. STEPHEN J. MCCULLOUGH**	**4. DEAN J. BAUMGARTNER** **5. CLION A. JONES** **6. RICHARD W. EGGEN**	**7. DAVID P. DUGGAN** **8. JEFFREY E. KRUEGER** **9. DAVID W. LOMAX**
(73)	**1.** **2.**		
(30)	**1. (US) 60/416,666 - 07/10/2002** **2. (US) PCT/US2003/031418) – 06/10/2003** **3.**		
(74)	**SAMAR AHMED EL LABAD**		
(12)	**Patent**		

(54) FABRIC CREPE PROCESS FOR MAKING ABSORBENT SHEET

Patent Period Started in 04/04/2005 and Ends in 03/04/2025

(57) A process for making absorbent cellulosic paper products such as sheet for towel, tissue and the like, includes compactively dewatering a nascent web followed by wet belt creping the web at an intermediate consistency of anywhere from about 30 to about 60 percent under conditions operative t redistribute the fiber on the belt, which is preferably a fabric. In preferred embodiments, the web is thereafter adhesively applied to a Yankee dryer using a creping adhesive operative to enable high speed transfer of the web of intermediate consistency such as a poly(vinyl alcohol)/polyamide adhesive. An absorbent sheet so prepared from a papermaking furnish exhibits an absorbency of at least about 5 g/g, a CD stretch of at least about 4 percent, and an MD/CD tensile ratio of less than about 1.1, and also exhibits a maximum CD modulus at a CD strain of less than 1 percent and sustains a CD modulus of a t least 50 percent of its maximum CD modulus to a CD strain of at least about 4 percent. Products of the invention may also exhibit an MD modulus at break 1.5 to 2 times their initial MD modulus.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 18/06/2005** **(21) PCT/NA 2005/000315** **(44) April 2007** **(45) 26/09/2007** **(11) 23828**

(51)	**Int. Cl [7] C01G 11/00 , 11/10 , 9/14**	
(71)	**1. ENITECNOLOGIE SPA (ITALY)** **2. POLMERI EUROPA SPA (ITALY)** **3.**	
(72)	**1. MASSIMO ROMAGNOLI** **2. PAOLO POLLESEL** **3. CATERINA RIZZO** **4. GIUSEPPE BELLUSSI**	**5. CARLO PEREGO** **6. GABRIELE C. CLERICI** **7. FRANCESCA GALIMBERTI**
(73)	**1.** **2.**	
(30)	**1. (IT) MI2002 A 002710 – 20/12/2002** **2. (PCT/EP 2003/014780) – 11/12/2003** **3.**	
(74)	**SAMAR AHMED EL LABAD**	
(12)	**Patent**	

(54) PROCESS AND REACTOR FOR THE PRODUCTION OF OLEFINS BY THE STEAM CRACKING REACTION OF LIQUID HYDROCARBON FREEDS IN PRESENCE OF A CATALYST

Patent Period Started in 18/06/2005 and Ends in 17/06/2025

(57) A process for the production of light olefins by means of the steam cracking reaction of liquid hydrocarbon feeds, preferably selected from naphtha, kerosene, atmospheric gas oil, vacuum gas oil and oil residues, alone or mixed with each other, in the presence of a suitable catalyst, effected at a reaction temperature ranging from 700 to 8 .

and for a contact time ranging from 0.02 to 0.3 sec, preferably from 0.05 to 0.15 sec, in a reactor comprising one or more cylindrical pipes, with the same or different section, consisting of a tubular core and a reaction zone whose transversal section is in the form of a circular crown, the ratio between the area of said circular crown and the circular section ranging from 0.35 to 0.99, preferably from 0.75 to 0.95

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 16/04/2005** **(21) PCT/NA 2005/000140** **(44) April 2007** **(45) 26/09/2007** **(11) 23829**

(51)	**Int. Cl [7] B01D 1/22 (2006. 01) & B01J 19/24 (2006. 01) & F28D 3/00 (2006. 01) & F28F3/04 (2006. 01)**		
(71)	**1. UHDE GMBH (GERMANY)** **2.** **3.**		
(72)	**1. ELIAS KLEMM** **2. JOHANNES ALBRECHT** **3. ARMIN LANG DE OLIVEIRA**	**4. GEORG MARKOWZ** **5. STEFAN GROSS** **6. RUDIGER SCHUTTE**	**7. JOHANNES EHRLICH** **8. STEFFEN SCHIRRMEISTER** **9. OLAF VON MORSTEIN**
(73)	**1.** **2.**		
(30)	**1. (DE)10248599,2 – 17/10/2002** **2. (PCT/EP 2003/011328) - 14/10/2003** **3.**		
(74)	**SAMAR AHMED EL LABAD**		
(12)	**Patent**		

(54) METHOD FOR OBTAINING A GASEOUS PHASE FROM A LIQUID MEDIUM AND DEVICE FOR CARRYING OUT THE SAME

Patent Period Started in 16/04/2005 and Ends in 15/04/2025

(57) A modular construction falling film evaporator is disclosed, comprising a stack of alternate gap-like evaporation chambers and sheet-like evaporator modules with an assembly (31) of parallel microchannels, whereby the evaporation chambers are open above and/or below across the whole width of the module and the stack is arranged in a container (1). The falling film evaporator (1) is used in a method for obtaining a gaseous phase from a liquid medium on a technical scale and is suitable for the concentration of thermolabile solutions and rapidly adjustable production of a gas stream

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**27/09/2005** **PCT/NA 2005/000583** **March 2007** **27/06/2007** **23725**

(51)	**Int. Cl** [7] **F23N 5/00**
(71)	**1. CAST SRL (ITALY)** **2.** **3.**
(72)	**1. GIORGIO OFFREDL** **2.** **3.**
(73)	**1. CASTFUTURA SPA (ITALY)** **2.**
(30)	**1. (IT) (SV 2003 A 000013) - 31/03/2003** **2. (EP) (PCT/EP 2004/050319) – 17/03/2004** **3.**
(74)	**HODA ANIS SERAG EL DIN**
(12)	**Patent**

(54)	**PLUG FOR CONNECTION OF A THERMOCOUPLE TO MAGNET ASSEMBLY OF A GAS VALVE FOR GAS FLOW CONTROL IN A BURNER**
	Patent Period Started in 06/12/2004 and Ends in 05/12/2024

(57) A plug for connection of a thermocouple to a magnet assembly of a gas value, which magnet assembly comprises a first male terminal placed within a second cylindrical terminal and which plug comprises an insulting body having an insulation male terminal whose shape is complementary to the inner cavity of the second tubular cylindrical terminal of the magnet assembly .which insulting male terminal houses a first female tubular terminal which is designed for engagement on the first male terminal of the magnet assembly , whereas the insulation terminal of the magnet assembly . the plug having a second female terminal whose aperture is complementary to the external shape of the second tubular terminal of the magnet assembly and engages on said second tubular ground terminal of the magnet assembly hen the first male terminal of the magnet assembly is engaged in the first tubular terminal of the plug . The second female terminal of the plug is shaped like an open cylindrical bushing. with the insulator body of the plug having a lateral opening for radially fitting the second female terminal of the plug onto the second tubular ground terminal of the magnet assembly.

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

GRANTED PATENT'S ABSTRACTS

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Abstracts
For
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(Septemper 2007)

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**18/09/2005** **PCT/NA 2005/000549** **April 2007** **01/10/2007** **23830**

(51)	**Int. Cl [7] F25J 1/02**
(71)	**1. AIR PRODUCTS AND CHEMICALS INC (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. MARK J. ROBERTS** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (US) 10/391,390 – 18/03/2003 & 10/780,613 – 19/02/2004** **2. (US) (PCT/IB 2004/000908) – 16/03/2004** **3.**
(74)	**SAMAR AHMED AL LABAD**
(12)	**Patent**

(54)	**INTEGRATED MULTIPLE – LOOP REFRIGERATION PROCESS FOR GAS LIQUEFACTION**
	Patent Period Started in 18/09/2005 and Ends in 17/09/2025

(57) A gas is liquefied by cooling successively through at least two temperature ranges by vaporization of respective refrigerants with additional refrigeration being provided by vaporization, at temperatures above the highest temperature in the coldest heat exchange zone of an auxiliary refrigerant derived from the refrigerant vaporized in said zone. The auxiliary refrigerant may have the same composition as the refrigerant vaporized in the coldest heat exchange zone but is vaporized at a different pressure or can have a different composition

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**17/09/2005** **PCT/NA 2005/000542** **April 2007** **01/10/2007** **23831**

(51)	**Int. Cl [7] G06K 9/40**
(71)	**1. QUALCOMM, INCORPORATED (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. VIJAYAKSHMI R. RAVEENDORAN** **2. ANN C. IRVINE** **3.**
(73)	**1.** **2.**
(30)	**1. (US) 60/456,030 – 17/03/2003 & 10/802,285 – 16/03/2004** **2. (US) (PCT/US2004/008287) - 17/03/2004** **3.**
(74)	**SAMAR AHMED AL LABAD**
(12)	**Patent**

(54)	**METHOD AND APPARATUS FOR IMPROVING VIDEO QUALITY OF LOW BIT-RATE VIDEO**
	Patent Period Started in17/09/2005 and Ends in 16/09/2025

(57) Embodiments describe a method, apparatus and system for processing images using block based compression. In one embodiment, a method comprises determining whether two blocks are neighboring blocks, determining whether the two neighboring blocks are both subdivided, if the two blocks are neighboring blocks; performing deblocking filtering on one or more edge pixels of the two neighboring blocks, if it is determined that both of the two neighboring blocks are not subdivided

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 07/05/2005** **(21) PCT/NA 2005/000197** **(44) April 2007** **(45) 01/10/2007** **(11) 23832**

(51)	**Int. Cl [7] C08F 220/32**
(71)	**1. OMYA GA (SWITZERLAND)** **2.** **3.**
(72)	**1. PATRICK A. C. GANE** **2. MATTHIAS BURI** **3. BEAT KARTH**
(73)	**1.** **2.**
(30)	**1. (FR) 02/14001 - 08/11/2002** **2. (IB) (PCT/IB2003/005063) - 06/11/2003** **3.**
(74)	**YASSER FAROUK MUBARAK**
(12)	**Patent**

(54) WEAKLY IONIC AQUEOUS SUSPENSIONS OF GROUND MINERAL MATTER AND THEIR USES

Patent Period Started in 07/05/2005 and Ends in 06/05/2025

(57) The invention relates to the use of a weakly ionic and water- soluble copolymer as a grinding aid agent for grinding mineral matter in aqueous suspension in order to obtain aqueous suspensions of refined mineral matter, with a dry matter concentration that can be high, with low BrookfiledTM viscosity that remains stable over time, having the property that it presents a pigmentary surface area the ionic charge of which, as determined by ionic titration, is low.

The invention relates to the aqueous suspensions of mineral matter obtained and their use in the field of paper, paint and plastic.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 27/03/2004** **(21) PCT/NA 2004/000007** **(44) April 2007** **(45) 01/10/2007** **(11) 23833**

(51)	**Int. Cl** [7] **G06K 19/00**
(71)	**1. MOSA EISA AL AMRI (UNITED ARAB EMARAT)** **2.** **3.**
(72)	**1. MOSA EISA AL AMRI** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (AE) 2001/279-02/10/2001** **2. (IB) (PCT/IB/02/04077) –16/07/2002** **3.**
(74)	**YASSER FAROUK MOBARAK**
(12)	**Patent**

(54)	**SMART DOCUMENTS**
	Patent Period Started in 26/03/2004 and Ends in 26/03/2024

(57) The invention related to Smart Documents to be used in various administrative, financial and other applications, in particular bank cheques and other paper value documents that require authentication, boarding passes for transport systems, documents for access functions and multipurpose uses, in particular smart Documents that comprise a pliable thin portion carrying on its front and/or near face imprinted visible data, and a thick portion wherein a magnetic strip and/or storage chip of the contact and/or contactless type is/are merged. The document's thick portion i.e. wherein the magnetic strip and/or storage chip is merged, is planar card attached to an edge of the document's thin portion in a manner allowing inclination of the card relative to the thin portion. This makes it very easy to pass the combined document through reading/writing devices, while the thickness of the card portion allows incorporation of magnetic strips and/or storage chips of high storage capacity.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**31/01/2000** **20000111** **February 2007** **02/10/2007** **23834**

(51)	**Int. Cl** [7] **E02D 7/28**
(71)	**1. RUSHDY CONTRACTING COMPANY** **2.** **3.**
(72)	**1. ENG. OSAMA KAMAL EL SAYED** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**NEW TECHNIQUE TO CONSTRUCT AN IMPERVIOUS CONTINUOUS STABILIZING WALL USING FULL DISPLACEMENT**
	Patent Period Started in 31/01/2000 and Ends in 30/01/2020

(57) the method is briefly described as constructing an impervious continuous wall using full displacement the main objectives for such wall are to block the seepage through the wall which is very important property in many projects especially in environmental protection applications the second objective of suc wall is to stabilize the site in which the wall is constructed and increase its ability to resist horizontal and vertical loads the construction sequence beins with vibratory drivng a pouring casing in the soil using ful displacement the full displacement has two main advantages first compacting the soil horizontall and second improving its mechanical properties if the method is used in stiff and medium stiff cohesive soils the sequence begins with driving the pouring casing then pouring the bentonite mix the second step is to drive the neighboring casing directly with suitable overlapping distance and so on till the end of the predefined wall length one the other hand in the case of weak saturated soils the construction sequence begins with driving and pouring the bentonite mix in the first position then driving and pouring in the third then the fifth and so on i.e driving in one position and leaving an empty one and so on or a similar sequence accordin

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**21/07/2005** **PCT/NA 2005/000403** **April 2007** **02/10/2007** **23835**

(51)	**Int. Cl** [7] **A47J 37/12**	
(71)	**1. FRITO – LAY NORTH AMERICA INC (UNITED STATES OF AMERICA)** **2.** **3.**	
(72)	**1. KATHRYN M. DOVE** **2. WILLIAM D. HENSON** **3. PONNATTU K. JOSEPH**	**4. DONALD J. TATSCH**
(73)	**1.** **2.**	
(30)	**1. (US) 10/347,993 - 21/01/2003** **2. (US) (PCT/US 04/000735) - 13/01/2004** **3.**	
(74)	**SAMAR AHMED AL LABAD**	
(12)	**Patent**	

(54) SINGLE MOLD FORM FRYER WITH ENHANCED PRODUCT CONTROL

Patent Period Started in 21/07/2005 and Ends in 20/07/2025

(57) A mold form fryer utilizing a top conveyor that transports snack pieces through a constant velocity oil stream without the need of a bottom mating mold or conveyor. Herein, the form fryer is provided with a top conveyor disposed above a fryer oil pan positioned longitudinally through the fryer. Uncooked snack pieces are provided to the fryer oil pan by a bottom entrance conveyor. Snack pieces, once in oil within the fryer, meet with molding surfaces on the top conveyor. At the exit portion of the fryer, a bottom exit conveyor receives the cooked snack pieces from the top conveyor. As no continuous bottom conveyor is utilized, the fryer oil pan may be provided with a reduced volume segment situated between the bottom entrance and exit conveyors. Additionally, the molding surfaces may be selected to produce uniformly shaped snack pieces that are either convexly or concavely shaped when viewed upon the bottom exit conveyor.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 14/05/1998** **(21) 19980526** **(44) March 2007** **(45) 02/10/2007** **(11) 23836**

(51)	**Int. Cl** [7] **C07D 473/16, A61K 31/52**	
(71)	**1. GLAXO GROUP LIMITED (UNITED KINGDOM)** **2.** **3.**	
(72)	**1. ALASTAIR C.BRODIE** **2. MARTIN F. JONES** **3. JOHN F.SEAGER**	**4. CHRISTOPHER J. WALLIS** **5.** **6.**
(73)	**1.** **2.**	
(30)	**1. (GB) 9709945/1 – 17/05/1997** **2.** **3.**	
(74)	**MONA MOHAMED BAKEIR**	
(12)	**Patent**	

(54) A NOVEL SALT

Patent Period Started in From granted patent date and Ends in 13/05/2018

(57) There is described the hemisufate salt of (1s ,4R)- cis -4-(2- amino -6-(cycloproplylamino) –9H- purin-9- YL) cyclopentene 1-methanol or a solvate thereof. Also described are preparative routes and staring compounds for making hemisulfate salt. the hemisulfate salt is useful in medicine ,particuarly in the treatment of viral infectins.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 14/05/2005** **(21) PCT/NA 2005/000223** **(44) April 2007** **(45) ٠٣/١٠/2007** **(11) 23837**

(51)	**Int. Cl [7] C05B 7/00 &C05G 3/00**
(71)	**1. SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V(NETHERLANDS)** **2.** **3.**
(72)	**1. KENNETH W. KEENAN** **2. WILLIAM P. KENNEDY** **3.**
(73)	**1.** **2.**
(30)	**1. (EP) (PCT/EP2003/050821) - 12/11/2003** **2. (EP) 02257854,6 - 14/11/2002** **3.**
(74)	**SAMAR AHMED AL LABAD**
(12)	**Patent**

(54)	**A PROCESS FOR THE MANUFACTURE OF SULPHUR CONTAINING AMMONIUM PHOSPHATE**
	Patent Period Started in 14/05/2005 and Ends in 13/05/2025

(57) The invention relates to a process for the manufacture of sulphur-containing fertilizers comprising the steps of: mixing ammonia, phosphoric acid and water in a reactor unit to obtain an ammonium phosphate mixture;. introducing the mixture obtained in step into a granulator unit to obtain granules, wherein a liquid phase comprising elemental sulphur is brought into contact with ammonia, phosphoric acid and water in the reactor unit in step or is introduced in the granulator unit in step. The invention further relates to sulphur-containing ammonium phosphate fertilizers, to the use of these sulphurcontaining fertilizers to promote the growth of agricultural products and to the agricultural products thus-obtained

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 18/09/2005** **(21) PCT/NA 2005/000546** **(44) April 2007** **(45) ٠٨/١٠/2007** **(11) 23838**

(51)	**Int. Cl [7] H04L 12/22**
(71)	**1. QUALCOMM INCORPORATED (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. NIKHIL JAIN** **2. BRUCE COLLINS** **3.**
(73)	**1.** **2.**
(30)	**1. (US) 60/455,909 - 18/03/2003** **2. (PCT/US2004/008544) - 18/03/2004** **3.**
(74)	**SAMAR AHMED AL LABAD**
(12)	**Patent**

(54)	**USING SHARED SECRET DATA (SSD) TO AUTHENTICATE BETWEEN A C D M A NETWORK AND A G S M NETWORK**
	Patent Period Started in 18/09/2005 and Ends in 17/09/2025

(57) A general global gateway (GGG) uses shared secret data to authenticate between a CDMA network and a GSM network such that a mobile station having a subscription in a GSM network can roam into a CDMA network and be authenticated to use the CDMA network without having a complete ANSI-41 subscription. The goal of authenticating a GSM subscriber in an ANSI-41 network using GSM authentication credentials is achieved by substituting encryption key Kc as SSD-A in the standard ANSI-41 computation of AUTHR using a CAVE algorithm.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 17/07/2005** **(21) 20050326** **(44) April 2007** **(45) 10/10/2007** **(11) 23839**

(51)	**Int. Cl** [7] **F16J 5/16**
(71)	**1. MOHAMED MAR BADR ELDIN** **2.** **3.**
(72)	**1. MOHAMED MAR BADR ELDIN** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. MOHAMED MAR BADR ELDIN** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**MECHANICAL SEAL TYPE 551**
	Patent Period Started in17/07/2005 and Ends in 16/07/2025

(57) The 551 mechanical seal – creation subject- is very efficiency its applications high pressure up to 40 bar, high temperature up to 500 dc in hydrocarbons or heat trabsferee liquids without cooling or equipment , It processing without corrosion in shaft or sleeve.

It is processing depends on sleeve internal sliding between sleeve and grapfoil. The hydraulically balanced design is calculation in 551 m. seal, design doesn't need steps on sleeve or shaft. The 551 fixed on sleeve by alien screws.

It is suitable to installation on sleeve or shaft dia. From 25 mm up to 110 mm. The approximate length is taller than any similar design equals 200% comparative similar types. The approximate length 200% needs technique men in installation of 551 m. seal on shaft's pumps. it is simple design hydraulic balanced mechanical seal multi spring that is useful to reduce pressure and temperature on faces lead to plus long service time for 551 mechanical seal creation subject.

The positive drive transferee from end fitting to face by creative 3 tongs and 3 grooves in outer body of m. seal

The 551 self- cleaning dependent on centrifugal and it is opened all sides .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 01/06/2005** **(21) 20050268** **(44) June 2007** **(45) 10/10/2007** **(11) 23840**

(51)	**Int. Cl** [7] **B60k 15/03**
(71)	**1. REDA FOUAD GHALY ATAYA (EGYPT)** **2.** **3.**
(72)	**1. REDA FOUAD GHALY ATAYA** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**FUEL TANKS SAFETY DEVICE**
	Patent Period Started in 01/06/2005 and Ends in 31/05/2005

(57) This device is showed in the detail drawing that enclosed on the paper , it fixes into the fuel tank of vehicles like " cars, motor motorbike , … " And so we can fix it into the fuel tanks of ships, the watercraft , the planes , …. ets.

This device designed to prevent the firing, which occurs of the fuel leakage outside the fuel tank. It closes all the tank's holes immediately.

The depends on exposure to intense vibrations, carthquake or intense crashing .

All devices' component made of plastic metal to prevent making any kind of friction spark during doing .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 30/05/2005** **(21) 20050260** **(44) April 2007** **(45) 16/١٠/2007** **(11) 23841**

(51)	**Int. Cl** [7] **G06F 17/24, 17/30**	
(71)	**1. MICROSOFT CORPORATION (UNITED STATES OF AMERICA)** **2.** **3.**	
(72)	**1. AMIR NETZ** **2. CRISTIAN PETCULESCU** **3. DANIEL C. BATTAGIN**	**4. ERAN MEGIDDO** **5. LIVIU ASNASH**
(73)	**1.** **2.**	
(30)	**1. (US) 10/858175 – 01/06/2004** **2.** **3.**	
(74)	**SAMAR AHMED AL LABAD**	
(12)	**Patent**	

(54)	**METHOD, SYSTEM AND APPARATUS FOR EXPOSING WORKBOOK RANGES AS DATA SOURCES**
	Patent Period Started in 30/05/2005 and Ends in 29/04/2025

(57) A method, system, and apparatus are provided for exposing and utilizing workbook ranges as server data sources. The system includes a client computer capable of executing a spreadsheet application program for creating a workbook including a range that includes data objects. The workbook may be published to a server computer where the specified data objects are exposed as server data sources. The server computer allows client applications to discover and connect to the data objects contained within the workbook as server data sources

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 17/07/2005** **(21) PCT/NA 2005/000387** **(44) April 2007** **(45) 17/١٠/2007** **(11) 23842**

(51)	**Int. Cl [7] F16H 1/00**
(71)	**1. INERNATIONAL SEPARATION STSTEMS (UNITED STATES OF AMERICA)** **2.** **3.**
(72)	**1. RICHARD J. WISE** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (US) 10/440,622 – 17/01/2003** **2. (US) (PCT/US2004/001020) – 16/01/2004** **3.**
(74)	**SAMAR AHMED AL LABAD**
(12)	**Patent**

(54)	**TORQUE CONVERTER AND SYSTEM USING THE SAME**
	Patent Period Started in 17/07/2005 and Ends in 16/07/2025

(57) A torque converter includes a flywheel rotating about a first axis, the flywheel including a first body portion, a first plurality of permanent magnets mounted in the first body portion, each of the first plurality of permanent magnets extending along a corresponding radial axis direction with respect to the first axis, and a second plurality of permanent magnets mounted in the first body portion, each of the second plurality of permanent magnets being located between a corresponding adjacent pair of the first plurality of permanent magnets, and a generator disk rotatable about a second axis perpendicular to the first axis, the generator disk including a second body portion, and a third plurality of permanent magnets within the second body portion magnetically coupled to the first and second pluralities of permanent magnets

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG ٤٠٠٤	**(22) 29/01/2005** **(21) PCT/NA2005/000016** **(44) April 2007** **(45) 17/١٠/2007** **(11) 23843**

(51)	**Int. Cl** [7] **C07D 471/14, 471/04**	
(71)	**1. LILLY ICOS LLC (UNITED STATES OF AMERICA)** **2.** **3.**	
(72)	**1. MARK W. ORME** **2. MICHAEL J. MARTINELLI** **3. CHRISTOPHER W. DOECKE**	**4. JOAEPH M. PAWLAK** **5. ERIK C. CHELUS** **6.**
(73)	**1.** **2.**	
(30)	**1. (US) 60/400386 – 31/07/2002 & 60/460161 – 03/04/2003** **2. (US) (PCT/US2003/022039) – 14/07/2003** **3.**	
(74)	**SAMAR AHMED AL LABAD**	
(12)	**Patent**	

(54) MODIFIED PICTET – SPENGHER REATION AND PRODUCTS PREPARED THEREFROM

Patent Period Started in 29/01/2005 and Ends in 28/01/2025

(57) A method of introducing a second sterogenic center into a tetrahydro-β-carboline have two sterogeic centers using a modified pictet-Spengler reaction is disclosed. The method provides a desired cis-or trans- isomer in high yield and purity and in short processes times.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 20/03/2005** **(21) PCT/NA2005/000071** **(44) April 2007** **(45) 17/١٠/2007** **(11) 23844**

(51)	**Int. Cl [7] C25C 3/06**
(71)	**1. ALUMINIUM PECHINEY (FRANCE)** **2.** **3.**
(72)	**1. DENIS JOUAFRE** **2. JEAN LUC BASQUIN** **3. CLAUDE VANVOREN**
(73)	**1.** **2.**
(30)	**1. (FR) 02/11670 – 20/09/2002** **2. (FR) PCT/FR 2003/002745 - 18/09/2003** **3.**
(74)	**SAMAR AHMED AL LABAD**
(12)	**Patent**

(54)	**METHOD FOR PRE HEATING A STACK FOR ALUMINIUM ELECTROLYSIS PRODUCTION**
	Patent Period Started in 20/03/2005 and Ends in 19/03/2025

(57) The invention relates to a method for pre-heating a stack provided with anodes and cathodes for electrolysis aluminium production. Said method comprises a first stage which is carried out prior to power supply to the stack when a layer of granulated conductive material is placed and crushed between anodes and cathodes. Said invention is characterised in that the granulated conductive material is graphite-based and the crushed layer thereof extends in the form of fixed contacts only on the part of the top surface of each anode

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 19/09/2005** **(21) PCT/NA 2005/000554** **(44) April 2007** **(45) 17/10/2007** **(11) 23845**

(51)	**Int. Cl** [7] **A47G 25/14**
(71)	**1. MAINETTI TECNOLOGIE S.P.A (ITALY)** **2.** **3.**
(72)	**1. MARIO MAINETTI** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (IT) (VI 2003 A 0000053) - 19/03/2003 & (IT) (VI 2003 A 0000071) – 10/04/2003** **2. (EP) (PCT/EP 2004/001752) – 21/02/2004** **3.**
(74)	**SAMAR AHMED AL LABAD**
(12)	**Patent**

(54)	**SMALL INDICATOR BLOCK**
	Patent Period Started in 19/09/2005 and Ends in 18/09/2025

(57) A small indicator block to be removably applied on objects to be identified, particularly hangers and the like and a support. Such block is characterized in that it comprises a box-shaped body provided with a longitudinal opening on its side surface which, allowing its insertion into a thin wall obtained on the support body of said small block, allows the tonguing between a bridge associated with the said longitudinal opening and a single counteracting elastic tab or a pair of tabs formed on the said thin wall, so as to carry out the attachment between the block and the support

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**29/03/2003** **20030295** **July 2007** **22/10/2007** **23846**

(51)	**Int. Cl** [7] **B01D 45/02 (2006.01) & C10K 1/02**
(71)	**1. FARID FAHIM MOWAD (EGYPT)** **2.** **3.**
(72)	**1. FARID FAHIM MOWAD** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54) HELICAL WET FILTER FOR GASES

Patent Period Started in 29/03/2003 and Ends in 28/03/2023

(57) The recent invention is about a wet helical filter to filter the carrying dust gases . It consists of a dry helical filter covered by textile a wet (water) filter to get completely rid of the dust, acidic & alkaine oxides in the gases .

The hot gases will rise up carrying the dust particulates , when gases are restricted by textile filter, te dust particulates are prevented to rise up . Gases will rise up, but the dust will be rushed down in the helical path to silo (tank) to be collected and reused .

The gases will rise up, passing diffuser to eliminate the vertical component of the speed, also passing through a vibrating filter of many layers; both will cause the dust particulates to be dropped down .

Gases will be bubbled to microns diameter ones, washed in water, to get surely rid of particulates . Acidic and alkaline gases will be solutions of acids and alkalines in water.

Gases will be cleanly released to environment without pollution .

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 29/08/2005** **(21) 20050389** **(44) May 2007** **(45) 23/10/2007** **(11) 23847**

(51)	**Int. Cl** [7] **C08B 31/00, 31/08 &C08F 20/06 & G01K 11/00**
(71)	**1. NATIONAL RESEACH CENTER (EGYPT)** **2.** **3.**
(72)	**1. PROF. DR. ALY ALY HEBEISH** **2. DR. SAHAR SHAARAWY** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	**SOMIA MOSAAD MOSTAFA**
(12)	**Patent**

(54)	**A NOVEL SUBSTITUTE FOR SODIUM ALGINATE IN REACTIVE PRINTING OF COTTON FABRICS**
	Patent Period Started in 29/08/2005 and Ends in 28/08/2025

(57) Two innovative polymeric products have been prepared through reaction of starch in alkaline medium with butyl acrylate to yield starch butyl acrylate ether.2 grafting of the so obtained starch ether with butyl acrylate to yield strach butyl acrylate ether grafted with poly butyl acrylate). The two innovative products were used as thickeners for printing of cotton fabrics with reactive dyes to substitute sodium alginate thickener. Preparation and utilization of the two innovative products are feasible . Most of chemicals required for the preparation are locally available and the performance of the printed fabrics is comparable with, if not superior than, that for sodium alginate.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**22/05/2004** **20040236** **April 2007** **28/١٠/2007** **23848**

(51)	**Int. Cl** [7] **A61F 7/00, 7/12 & A61M 25/00**
(71)	**1. DR, ALI MOHMOUD MOSTAFA EL- SAMAN (EGYPT)** **2.** **3.**
(72)	**1. DR, ALI MOHMOUD MOSTAFA EL- SAMAN** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	**LAPAROSCOPY GAS & IRRIGATION FLUID WARNING DEVICE**
	Patent Period Started in 22/05/2004 and Ends in 21/05/2024

(57) Hypothermia may result from prolonged use of cold gas &irrigation fluid during prolonged loparoscopic surgeries. It results in sever shivering and marked discomfort during recovery. The device warms the gas and irrigation fluid in a controlled manner during its passage from its sources and before its entry into the peritoneal cavity.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**01/10/2005** **PCT/NA 2005/000597** **May 2007** **28/10/2007** **23849**

(51)	**Int. Cl** [7] **B65D 75/58**
(71)	**1. PAKERMAN SA (SWITZERLAND)** **2.** **3.**
(72)	**1. ERIC RISGALLA** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (CH) (CH 0564/03) – 01/04/2003 & CH (CH 02147/03) – 16/12/2003** **2. (PCT/IB 2004/000736) – 12/03/2004** **3.**
(74)	**SAMAR AHMED AL LABAD**
(12)	**Patent**

(54)	**FLEXIBLE LIQUID CONTAINER**
	Patent Period Started in 01/10/2005 and Ends in 30/09/2025

(57) A flexible container filled with a liquid and including two walls made of flexible material, wherein the overlapping free edges of said walls are joined together along a weld seam or adhesive bead , thereby defining a sealed space inside said container, the two walls further define an outwardly projecting portion on one edge portion of the container, and an outlet channel connects the projecting portion to the internal space inside said container, characterised in that one or more obstacles (14, 14) formed by welding or adhering the two walls are provided in said internal space essentially adjacent to and in alignment with said channel (130) communicating with the projecting portion `so that the cross section of liquid flow between the internal space and the outlet channel is restricted, but a narrow free passage (140, 141, 146) remains, and so that the surface portion that includes the projecting portion adopts an arcuate shape, said surface portion being essentially defined by the one or more obstacles and by folds (142,143) extending essentially transversely to said obstacles

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 06/12/2005** **(21) PCT/NA 2005/000791** **(44) May 2007** **(45) 29/10/2007** **(11) 23850**

(51)	**Int. Cl** [7] **F25B 17/08**	
(71)	**1. GAZ TRANSPORT ET TECHNIGAZ (FRANCE)** **2.** **3.**	
(72)	**1. PIERRE MICHALSKI** **2. PIERRE GOURMELEN** **3. CLAUDE BLAIZAT**	**4. J. VILIEZ MOGNIER**
(73)	**1.** **2.**	
(30)	**1. (FR) 03/06839 – 06/06/2003** **2. (PCT/FR 2004/001388) – 04/06/2004** **3.**	
(74)	**SAMAR AHMED AL LABAD**	
(12)	**Patent**	

(54) METHOD FOR COOLING A PRODUCT, PARTICULARLY FOR LIQUEFYING A GAS, AND DEVICE FOR IMPLEMENTING THIS METHOD

Patent Period Started in 06/12/2005 and Ends in 05/12/2025

(57) The invention relates to a method for cooling a product (P) comprising N ordered adsorption/desorption cycles (100, 200, 300), each cycle having the following steps: expanding a refrigerant in liquid phase from a condenser (101, 201, 301) inside an evaporator (103, 203, 303) for evaporating at least one portion of said refrigerant, and; adsorbing this refrigerant in vapor phase inside at least one adsorption/desorption chamber (120, 220, 320) containing a zeolite adsorbent (Z) whereby cooling a remaining portion of the refrigerant in said evaporator to a predetermined low temperature, said low temperature decreasing from one cycle to the next. The inventive method also comprises the following steps: effecting N-1 heat exchanges each time the refrigerant enters the evaporator (103, 203) of a cycle and each time the refrigerant enters the condenser (201, 301) of the following cycle for condensing the refrigerant in said condenser.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22) 05/12/2005** **(21) PCT/NA2005/000786** **(44) May2007** **(45) 30/10/2007** **(11) 23851**

(51)	**Int. Cl [7] B41F 35/02 , 35/06**
(71)	**1. OMET SRL (ITALY)** **2.** **3.**
(72)	**1. ANGELO BARTESAGHI** **2. ROBERTO PEREGO** **3.**
(73)	**1.** **2.**
(30)	**1. (IT) (MI2003A001131) - 05/06/2003** **2. (PCT/EP2003/014672) - 19/12/2003** **3.**
(74)	**SAMAR AHMED ELLABBAD**
(12)	**Patent**

(54)	**METHOD AND DEVICE FOR CLEANING A CYLINDER FOR A PRINTING PRESS**
	Patent Period Started in 05/12/2005 and Ends in04/12/2025

(57) A method and a device for cleaning a cylinder of a printing press - in particular of a flexographic printing press - are described wherein a layer of ink to be transferred to a web substrate to be printed - such as paper, plastic film and the like - is deposited on said cylinder (1) and wherein a fluid suitable to detach impurities from the area concerned is sent onto the surface of the cylinder (1) to be cleaned and a suction is provided to remove said impurities from the cylinder surface, said cleaning fluid being vapour

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG	**(22)** **(21)** **(44)** **(45)** **(11)**	**29/07/2003** **20030740** **Juny2007** **31/10/2007** **23852**

(51)	**Int. Cl [7] B05B 12/04**
(71)	**1. OTSUKA PHARMACEUTICAL CO LTD (JAPAN)** **2.** **3.**
(72)	**1. YASUSHI KAWASHIRO** **2.** **3.**
(73)	**1.** **2.**
(30)	**1. (JP) 223447/2002 – 31/07/2002 & 299312/2002 – 11/10/2002 & 325852/2002 – 8/11/2002 168345/2003 - 12/06/2003** **2.** **3.**
(74)	**SAMAR AHMED AL LABAD**
(12)	**Patent**

(54)	**DELIVERV DEVICE AND CONTAINER PROVIDED WITH THE SAME**
	Patent Period Started in 29/07/2003 and Ends in 28/07/2023

(57) The present invention provides a delivery device that delivers a liquid contained in a flexible container when the container is depressed, and the container that has delivery device attached to the mouth thereof. The delivery device comprises an outlet portion having substantially bottomed tubular shape or substantially bowl like shape that has an outlet orifice at the bottom thereof, a valve element made of an elastic material that, when there is no liquid pressure exerting thereon, closes the outlet orifice and/or a flow passage that communicates with the outlet orifice in the outlet portion and, when liquid pressure is exerted thereon, deforms so as to open the outlet orifice and/or the flow passage, and a vent hole that communicates with the outlet orifice and the flow passage via an air filter, wherein deformation of the valve element is achieved by a liquid pressure lower than the pressure required to pass the liquid through the air filter, and opening of the outlet orifice and/or the flow passage cannot be achieved by the pressure required to pass air through the air filter from outside.

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG ع.م.ج	**(22)** **(21)** **(44)** **(45)** **(11)**	

(51)	**Int. Cl** [7]
(71)	**1.** **2.** **3.**
(72)	**1.** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	
	Patent Period Started in and Ends in
(57)	

Arab Republic of Egypt **Ministry of State for Scientific Research** **Academy of Scientific Research & Technology** **Egyptian Patent Office**	EG ٤٠٢٠٤	**(22)** **(21)** **(44)** **(45)** **(11)**	

(51)	**Int. Cl** [7]
(71)	**1.** **2.** **3.**
(72)	**1.** **2.** **3.**
(73)	**1.** **2.**
(30)	**1.** **2.** **3.**
(74)	
(12)	**Patent**

(54)	
	Patent Period Started in and Ends in

(57)