

पेटेंट कार्यालय
का
शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन

A PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(V.RAVI)

Controller General of Patents, Designs & Trade Marks

20th APRIL, 2007

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2. THE PATENT OFFICE, GOVERNMENT OF
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Website: <http://www.ipindia.nic.in>
www.patentoffice.nic.in

➤ Rest of India

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office. Fees: The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

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एकस्व
कोलकाता, दिनांक 20/04/2007
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दीव, दादर और नगर हवेली.
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2808 1924, 2808 1925
फैक्स: (011) 2808 1920.
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फैक्स/Fax: (91)(33)2367 1988
ई.मेल: kolkata-patent@nic.in
वेबसाइट: <http://www.ipindia.nic.in>
www.patentoffice.nic.in
➤ भारत का अवशेष क्षेत्र

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाएँ, विवरण या अन्य दस्तावेज या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे ।

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18 Months publication as required under Section 11A of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005.

Notice is hereby given that any person at any time before the grant of Patent may give representation by way of opposition to the Controller of Patents at appropriate office on the ground and in a manner specified under section 25(1) of the Patents (Amendment) Act, 2005 read with Rule 55 of the Patents (Amendment) Rules, 2006.

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.4/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(V. RAVI)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

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Under the new provision of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005 and Rules there under, Publication of the matter relating to Patent in the Official Gazette of India Part III, Section 2 has been discontinued and instead of “The Official Journal of the Patent Office” is being published containing all the activities of The Patent Offices such as publication of all the patent applications after 18th months , grant of patent & all other information in respect of the proceedings as required under the provisions of the Patents (Amendment) Act, 2005 and Rules there under on weekly basis on every **Friday**.

The price of each copy of the journal is Rs. 400/- in paper form and that is Rs. 250/- in CD-ROM form, while annual subscription of the journal for a calendar year 2007 is Rs. 20,000/- in paper form and that is Rs. 12,000/- in CD-ROM form. There will be 52 issues in a calendar year .The annual subscription for the Year 2007 is required to be paid in advance in any of the Patent Office located at Kolkata, New Delhi, Mumbai and Chennai. The copy of the Journal will be sent by Courier or Speed Post.

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SPECIAL NOTICE

Every effort is being taken to publish all the patent applications under section 11(A) of the Patents Act. However, if duplication of publication of any application is found, then earlier date of publication will be taken for the purpose of provisional protection for applicant and Patent Office will grant Patent not before six months from the date of second publication, provided that there is there is no third party representation.

CORRIGENDUM

1. Name of the Applicant in the application number 1087/CHE/2004 Published in the Journal dated 30/03/2007 shall be read as follows

Name of the Applicant: LAKSHMI MACHINE WORKS LIMITED

Early Publication:

The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. Any person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION

(21) Application No.219/MUM/2007 A

(19) INDIA

(22) Date of filing of Application :07/02/2007

(43) Publication Date : 20/04/2007

(54) Title of the invention : APPARATUS FOR TESTING OF VEHICLE DOORS

(51) International classification	:G01L19/00,G01M17/007
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:Nil
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)TATA MOTORS LIMITED

Address of Applicant :Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai-400 001 Maharashtra India

(72)**Name of Inventor :**

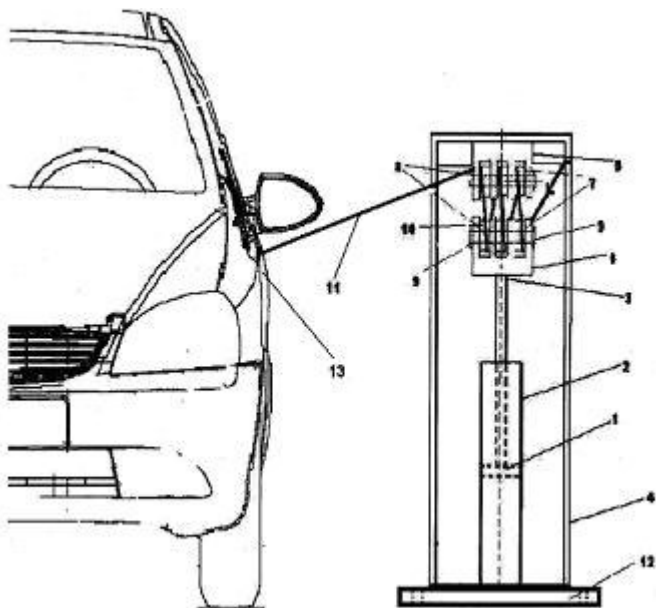
1)PRASHANT Y. ROIGHARE

No of Pages : 10

No of Claims : 10

(57) Abstract :

This invention relates to an apparatus for testing of a vehicle doors comprising a piston and cylinder assembly fitted inside a main housing at one end. The piston rod end will have a moving pivot housing fixed to it, while fixed pivot housing is fitted to the said main housing at other end aligned with the piston axis. Fixed and moving pivot housings have individual pivots in each portion and pivots are free to rotate over pivot shaft. There will be a flexible link wound over the pivots of a fixed pivot housing and moving pivot housing in an alternating fashion with one end fixed to main housing while other end connected to door under test. Flexible link winding arrangement will enable the door to be pulled during door openings or door closing by a distance substantially greater than the stroke of the piston, thereby enabling the use of smaller piston cylinder assembly. Present apparatus can be installed easily either inside and/or outside of the vehicle cabin and can operate in different operating inside/and or outside of the vehicle cabin and can operate in different operating conditions. Thus present arrangement will make the entire test setup compact and flexible for any type of door and door functional opening for all range of vehicles.



(54) Title of the invention : THE DESIGN AND MANUFACTURING OF PLASTIC FILM CAPACITORS BY CONNECTING CAPACITOR COILS IN PARALLEL COMBINATION AND PLASTIC FILM CAPACITORS MANUFACTURED THEREOF FOR ENERGY CONSERVATION

(51) International classification	:C25D7/00,H01G13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CTR MANUFACTURING INDUSTRIES LTD.
(32) Priority Date	:NA	Address of Applicant :E-1, CHIKALTHANA, AURANGABAD-431210.
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)R.S.Kulkarni
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 8

(57) Abstract :

The present invention relates to design and manufacturing process of plastic film capacitors for energy conservation in air conditioners. More particularly it relates to a design of plastic film capacitors by connecting two capacitor coils in parallel combination there by improving current handling capacity and reducing current consumption and losses during its use in air conditioner across compressor where running current is high and ultimately conserving energy, and also to increase life expectancy.

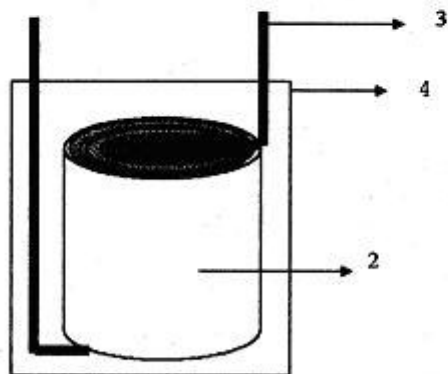


FIGURE 1 :

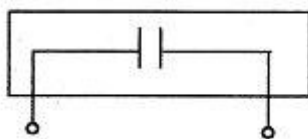


FIGURE 2 :

(54) Title of the invention : A METHOD OF MANUFACTURING A PLASTIC FILM CAPACITOR BY SWAGGING AND PLASTIC FILM CAPACITOR MANUFACTURE THEREOF

(51) International classification :C25D7/00,H01G13/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

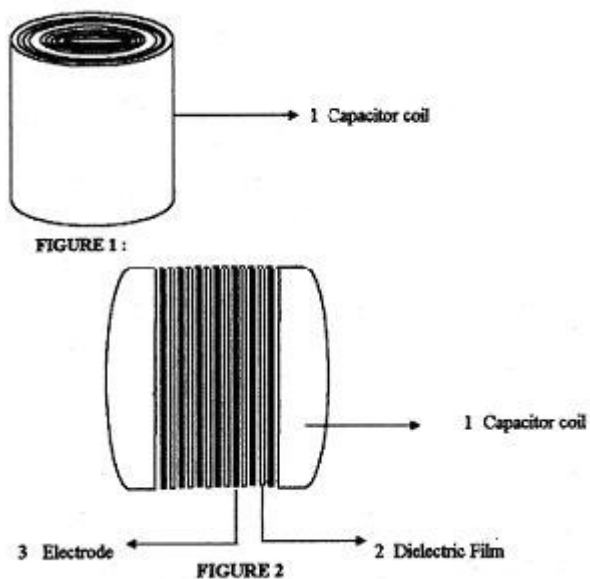
(71)**Name of Applicant :**
1)CTR Manufacturing Industries Ltd.
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 Maharashtra India
 (72)**Name of Inventor :**
1)N.A.Kulkarni

No of Pages : 19

No of Claims : 4

(57) Abstract :

The present invention relates to a method of manufacturing a plastic film capacitors and plastic film capacitors manufactured thereof. According to the present invention a process of spreading solder material sing a hot soldering iron on the welded ends of the capacitor coil to get larger contact area and improved mechanical strength called as swagging which will improves the tan delta band width and band height of a plastic film capacitors, and to avoid arcing and open circuiting during its use and to enhance the life of a plastic film capacitor, improved reliability through better high voltage withstanding capability and increased current carrying capacity during operation.



(54) Title of the invention : INTERLOCKED TRAIN STOPPER

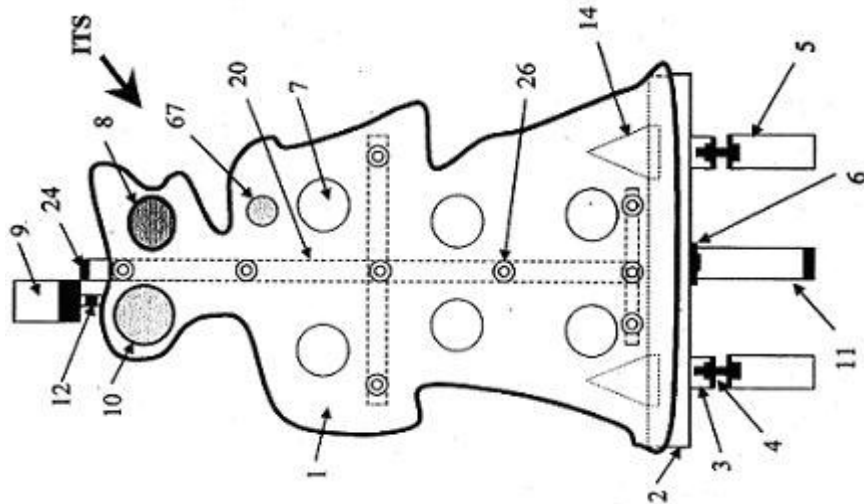
(51) International classification	:B61L5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BINAY KUMAR
(32) Priority Date	:NA	Address of Applicant :BINAY KUMAR/DSO; DRM office; Bhavnagar
(33) Name of priority country	:NA	para; Bhavnagar - 364003 Gujarat India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BINAY KUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 26

(57) Abstract :

The present invention ITS (Interlocked Train Stopper) is a safe, economical, reliable, sturdy, interlocked and improved substitute for an existing banner flag and HS lamp over wooden staff for reception/dispatch of a train. The main body 1 of present invention, ITS (Interlocked Train Stopper) is fitted on the frame 20 with nut-bolts 26 and to an angle 2 with two hinges 14. The main body is kept in vertical position with an inclined self locking mechanism. One electric lamp 8, tower light 9 ,reflective sheeting and horn 67 are fitted on the main body 1. Lamps 8 & 9 and horn sound only when connected in series with a limit switch 25 in such a way that the lamps do not glow and horn sound only when the main body 1 kept in lying position and also the main body gets automatically locked. The complete structure is fitted on sleepers of the rail by clamps 3,5 and 11. The ITS is made to function properly in all weather conditions and able to withstand very high wind speed. There are two positions of ITS vertical (standing) for alerting driver of the approaching train to stop and horizontal (lying) for allowing train to pass over it. The main body 1 can be kept in vertical position with a handle 79 of the gear box 78. It can also be made in vertical position with an electric motor 81. The ITS is interlocked with the boom and Gate Signal GS of the Level Crossing gate such that in any case only one way traffic is allowed to cross the gate. Both train and road vehicle can not cross the gate simultaneously in any conditions resulting into almost no accident at managed LC gates in a road-railway transport system.



(54) Title of the invention : A LEAK DETECTING DEVICE FOR VISUAL DETECTION OF LEAKS IN PRESSURISED/ VACUUM SYSTEMS

(51) International classification :G01M3/00,3/02
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

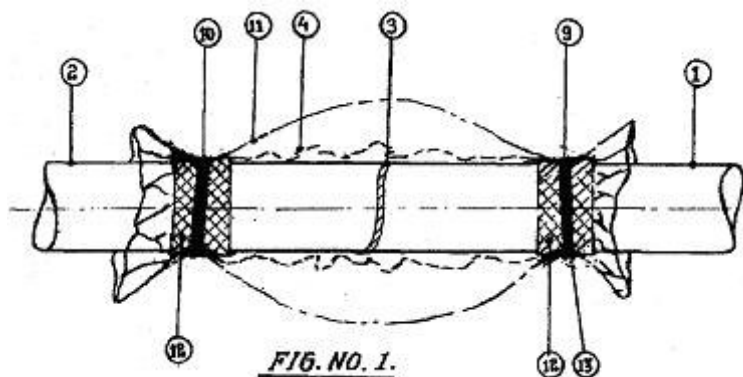
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 411 030 Maharashtra India
 (72)**Name of Inventor :**
1)SHEKHAR LAXMAN KULKARNI

No of Pages : 16

No of Claims : 14

(57) Abstract :

The presnet invention provides a leak detecting device for visual detection of leaks in pressurised/vaccum systems which is a trasparent flexible plastic material capable of adaptably and air tightly secured over the carrier means forming any type of joint or the system comprising several joints as a whole. The leak detection device is secured on carrier means forming the said joint optionally on flexible material like rubber on either sides of the joints by clamping open ends of the detecting means by conventional means like rope, rubber fastener or Velcro and is capable of detecting change in the pressure which is 5mm of water column.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.675/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :30/03/2007

(43) Publication Date : 20/04/2007

(54) Title of the invention : A MICROCOMPUTER CONTROLLED ELECTROMAGNETIC INDUCTION COOKER

(51) International classification

:H05B

6/

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)JOY VERGESE

No of Pages : 15

No of Claims : 13

(57) Abstract :

The invention is to provide an eco-friendly a microcomputer controlled electromagnetic induction cooker which is more heating efficiency than the cooker in the prior art and having improved efficiency. The said cooker consumes substantially less electricity than the conventional cookers and pollution free and eco-friendly cooker. A crystal glass top is provided, which is not a ferromagnetic so it will not carry eddy current. So that it will not heated up at any given temperature. A light weigh cooker, which can be easily carried to anywhere and occupying very less space.

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.627/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :28/03/2007

(43) Publication Date : 20/04/2007

(54) Title of the invention : FERROUS CHLORIDE EFFLUENTS OF GALVANIZING INDUSTRIES CONVERSION INTO USEFUL PRODUCTS

(51) International classification

:C02F

01/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

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Filing Date

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(72)Name of Inventor :

1)DR. CHINNA VENKATESHWAR

No of Pages : 10

No of Claims : 4

(57) Abstract :

This invention relates to the process of effluent treatment of galvanizing and iron pickling industries to which adding of freshly prepared ferrous hydroxide results into neutralization of acid traces in ferrous chloride effluent and also results into precipitation of impurities, further separation of precipitate, again adding of Barium Sulphide solution to ferrous chloride upto neutralization PH7, results into Barium Chloride and ferrous sulphide precipitate, after separation of the precipitate, heat the left over solution for crystallization of pure Barium Chloride or adding equal amount of dilute sulphuric acid to Barium Chloride results into Barium Sulphate precipitate and Hydrochloric acid, other wise adding of sodium sulphide to ferrous chloride efficient results into sodium chloride and ferrous sulphide.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.662/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :30/03/2007

(43) Publication Date : 20/04/2007

(54) Title of the invention : RAILWAY SAFETY SYSTEM TO AVOID ACCIDENTS

(51) International classification

:B61L
11/08

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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No of Pages : 12

No of Claims : 10

(57) Abstract :

The Present invention of train safety system to detect/alarm the presence of another train in the same track comprising an electrically conducting metal wire across the entire length of the track system, an emf (voltage) transmitter and an emf (voltage) receiver placed in the control room of the train, a dynamo battery supplying 12V - 11 OV DC supply to the metallic wire. In one of the embodiment, the train safety system to detect/alarm the presence of another train in the same track comprising an electrically conducting metal wire of fixed length of the track system, an emf (voltage) transmitter and an emf (voltage) receiver placed in the control room of the train, a dynamo battery supplying 12V - 11OV DC supply to the metallic wire.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.593/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :23/03/2007

(43) Publication Date : 20/04/2007

(54) Title of the invention : TRUST RESOURCE BROKER

(51) International classification :G06F 17/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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6)G. KANNAN
7)R. RAJIV
8)E. MAHEINDIRAN
9)C. A. PRASANTH

No of Pages : 22

No of Claims : 9

(57) Abstract :

Conventional Grid security mechanisms for authentication and authorization are too rigid and they lack the ability to determine how "trustworthy" the result obtained from a specific provider is likely to be. This inefficiency can be mitigated through proper trust management mechanisms. In our invention, a trust management system has been developed that evaluates the trust value of various resource providers across the grid environment. Different classes of parameters that affects trustworthy of a resource providers have been considered for estimating the trust. We attempt to enhance the capability of a conventional Grid Metascheduler by integrating trust management system in it. The integration of trust management system with a grid metascheduler act as a Trust resource broker that discovers suitable resources matches the job requirements and selects single resource based on their trust value. We further propose a four layered grid architecture that performs trust based scheduling of the computational resources by validating the trust of the resource providers.

12) PATENT APPLICATION PUBLICATION

(21) Application No.632/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :28/03/2007

(43) Publication Date : 20/04/2007

(54) Title of the invention : DIFFERENTIAL ACTING ACCELEROMETER MECHANISM FOR AUTOMOBILES

(51) International classification

:G01P
15/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CH. RABI KUMAR

No of Pages : 11

No of Claims : 4

(57) Abstract :

The invention is an additional feature to existing type of accelerator pedal and associated linkage for controlling amount of fuel or fuel-air mixture to the combustion chamber of internal combustion engines. This invention proposes a novel method of obtaining a smoother take up or pick up and a smoother deceleration in the initial part of accelerator pedal actuation. Inertia loads and jerk loads on the components of engine and transmission is lesser during the initial part of accelerator pedal actuation. Also passenger comfort is increased during this phase of operation. Especially, this invention is useful for city conditions where accelerator position need to be changed frequently.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.395/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :26/02/2007

(43) Publication Date : 20/04/2007

(54) Title of the invention : COUPLED FOLLOWER AND CAM

(51) International classification

:F01L

1/02

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)P. MANIKANDAN

No of Pages : 7

No of Claims : 3

(57) Abstract :

Usage of cam and follower is more common among the machines and mechanism. There are various types of cam and followers are available for various type of application. Almost many types of the cam and follower are used for conversion of rotary motion into reciprocating motion best example is fuel injection pump in diesel engine. Mechanism used in this fuel injector pump is spring loaded follower and rotary cam. From figure A, rotational motion of cam (6) will give upward motion to follower (7); where as return stroke for the follower (7) is done by spring (8), through the spring force. Because of the presence of spring loaded follower, amount of force required for the cam will be more and pulsating. This coupled follower will avoid the usage of spring to the follower, which is providing the return stroke to the follower in above mentioned application. In this coupled follower two followers (9) are placed in opposite direction with cam in-between them and this two follower are connected through a stiffener (10) as shown in the figure B. Because of this arrangement in the coupled follower need of spring is avoided as like IN spring loaded follower. Force provided by the cam to this coupled follower is uniform not as like pulsating in spring loaded follower and cam. This coupled follower will eliminate the usage of spring. In this coupled follower direction of motion conversion can also be reversed i.e. reciprocating motion of the follower can be converted in 'the rotary motion.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.458/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :15/03/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : SUGAM MARROW ERADICATION OINTMENT

(51) International classification

:A61K

9/06

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

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MANNARGUDI -TK-614 001 Tamil Nadu India

(72)Name of Inventor :

1)P. SOUNDARARAJAN

No of Pages : 7

No of Claims : 11

(57) Abstract :

The medicine avoids waste of time,long treatment, money & spend in, unnecessary surgery procedure etc., and will long not leave scars or pains . This is a permanent treatment. In our country India ,many hereiditary Physicians are preparing and using good reliable medicines for various ailments in Siddha, Ayurvedha branches of medicines. In India we have plenty of herbal medicines for various ailments.and we should endeavour that many countries of the world should come to us to get correct and perfect treatment for various ailments from out age old systems of medicines like siddha and ayurvedha based on herbals.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.275/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :08/02/2007

(43) Publication Date : 20/04/2007

(54) Title of the invention : ELECTRONIC AIR COMPRESSOR

(51) International classification

:F04C

29/10

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

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VYYALIAMMAN TEMPLE, TAMBARAM HIGH ROAD,

THIRUNEERMALAI VILLAGE, CHENNAI - 600 044 Tamil

Nadu India

(72)Name of Inventor :

1)BIRENDRA KUMAR MAHATO

No of Pages : 4

No of Claims : 5

(57) Abstract :

A vehicle having a non-combustion engine, Compressor a set of batteries inverters, motors and alternators. The batteries will be supply current, which will be fed to alternators inverters and motors to run the compressor. The compressor will compress the air and store it in air tank. Air at high pressure when allowed to enter the cylinder of engine will move the piston. The engine will run the vehicle and the alternator, which in turn will charge the batteries. After the batteries have been fully charged, the current is diverted to motor coupled with compressor. In this way the engine will run Continuously.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.308/KOL/2007 A

(19) INDIA

(22) Date of filing of Application :02/03/2007

(43) Publication Date : 20/04/2007

(54) Title of the invention : EFFECT OF HYBRIDIZATION ON THE MECHANICAL PERFORMANCE OF PINEAPPLE LEAF FIBER (PALF)GLASS REINFORCED POLYPROPYLENE (PP) COMPOSITES

(51) International classification	:C08F8/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. SANJAY KUMAR NAYAK
(32) Priority Date	:NA	Address of Applicant :(CIPET) B-25, C.N.I.COMPLEX, PATIA,
(33) Name of priority country	:NA	BHUBANESWAR-751 024 Orissa India
(86) International Application No	:NA	2)DR. SMITA MOHANTY
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. SANJAY KUMAR NAYAK
(61) Patent of Addition to Application Number	:NA	2)DR. SMITA MOHANTY
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 9

(57) Abstract :

Pineapple Leaf fibers (PALF) reinforced Polypropylene (PP) composites and PALF/Glass fiber reinforced PP hybrid composites were fabricated using melt blending followed by injection moulding. Maleated Polyolefin (MAPP) was used as a coupling agent to improve the adhesion between the hydrophilic fibers and hydrophobic PP matrix. The degree of mechanical reinforcement that can be achieved by the introduction of glass fibers in PALF fiber reinforced PP composites has been assessed experimentally. By incorporating upto 20 weight% of glass fibers into PALF-PP composites at 20 weight% of PALF-PP composites. The sorption behaviour and effects of environment ageing on tensile properties were also dramatically reduced with incorporation of glass fibers. SEM micrographs further confirms improved interfacial adhesion in case of PALF/Glass fiber PP hybrid composites with considerably lesser fiber pull out and gaps between the fibers and the PP matrix. Thus it is concluded that the mechanical performance and the durability of PALF fiber reinforced PP composites can be enhanced by hybridization with the addition of glass fibers for use in high performance engineering applications.

Publication After 18 Months :

The following Patent Applications have been published under Section 11A (3) of The Patents (Amendment) Act, 2005. Any Person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act, 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

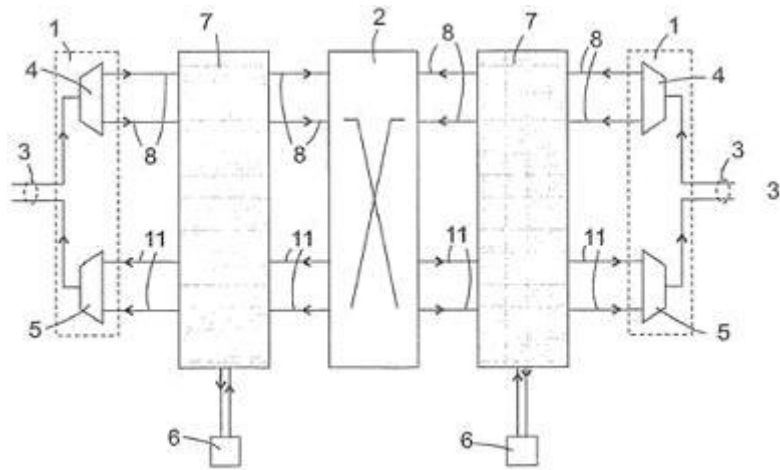
(12) PATENT APPLICATION PUBLICATION	(21) Application No.382/MUMNP/2006 A
(19) INDIA	
(22) Date of filing of Application :04/04/2006	(43) Publication Date : 20/04/2007

(54) Title of the invention : NODE FOR AN OPTICAL COMMUNICATION NETWORK

(51) International classification :H04Q11/00	(71)Name of Applicant :
(31) Priority Document No :103 43 615.4	1)MARCONI COMMUNICATIONS GMBH
(32) Priority Date :20/09/2003	Address of Applicant :Gerberstrasse 33, D-71520 Backnang, Not
(33) Name of priority country :Germany	Applicable Germany
(86) International Application No :PCT/EP2004/052114	(72)Name of Inventor :
Filing Date :09/09/2004	1)PILCHER, Olaf
(87) International Publication No :WO2005/029905A1	2)ELEBERS, Jorg-Peter
(61) Patent of Addition to Application Number :NA	3)WELLBROCK, Glen
Filing Date :NA	
(62) Divisional to to Application Number :NA	
Filing Date :NA	

No of Pages : 15 No of Claims : 12

(57) Abstract :
A node for an optical communication network comprises at least one switching unit (2), a plurality of optical interfaces (1) for connecting to a WDM transmission line (3), which comprise a demultiplexer (4) for disassembling a multiplex signal arriving from a WDM transmission line (3) into a plurality of input channels (8), each of which is supplied to an input port of the switching unit (2), and a multiplexer (5) for assembling a plurality of output channels (11), each originating from an-out-put port of the switchching unit (2), into an outgoing multiplex signal, and at least one transponder (6) for adding and information signal to and deopping it from the communication network, respectively. Input and output branching meand (7) between each interface (1) and the switching unit (2) on the path of the input channel (8) to the switching unit (2) or to the transponder (6), or to supply an output channel (11) formÂ int interface to the switching unit (2) or the transponder (6)



(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING REVERSE LINK DATA RATE OF A MOBILE STATION

(51) International classification :H04B7/005
 (31) Priority Document No :60/507,907
 (32) Priority Date :30/09/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/030966
 Filing Date :21/09/2004
 (87) International Publication No :WO2005/034383A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

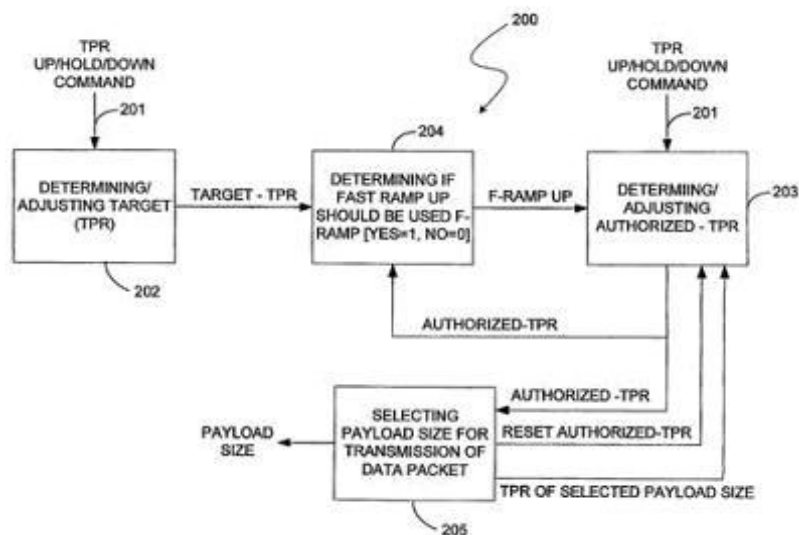
(71)Name of Applicant :
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 (72)Name of Inventor :
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2)BAO, Gang
3)JAIN, Avinash

No of Pages : 32

No of Claims : 19

(57) Abstract :

An efficient use of communication resources is provided by determining a behavior for selecting the payload size (data rate) of a reverse link transmission from a mobile station to a base station. The mobile station may store a predetermined table including the ratio of the power levels of the traffic channel and pilot channel (TPR), where each entry corresponds to a size of data payload, and consequently a data rate for transmission in a predetermined time frame. The payload size is selected based on an authorized-TPR. The authorized-TPR and a target-TPR are adjusted in accordance with TPR commands received from the base station. A fast-ramp-up adjustment of the authorized-TPR is carried out when the authorized-TPR is less than the target-TPR. The down TPR commands are ignored in the adjustments of the adjustments of the authorized-TPR upon fast-ramp-up mode.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.508/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :03/05/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : RED BLEACHING COMPOSITIONS

(51) International classification	:C11D3/00
(31) Priority Document No	:0325617.9
(32) Priority Date	:03/11/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2004/010942
Filing Date	:30/09/2004
(87) International Publication No	:WO2005/047441 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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No of Pages : 23

No of Claims : 11

(57) Abstract :

The present invention concerns photo-bleaching with Food red 14 (colours Index 45430) and in particular the bleaching of laundry items.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.00004/MUMNP/2004 A

(19) INDIA

(22) Date of filing of Application :01/01/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : NUTRITIONAL SUPPLEMENTS AND METHODS OF USING SAME

(51) International classification	:A61K
(31) Priority Document No	:09/923,090
(32) Priority Date	:06/08/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US02/24794
Filing Date	:06/08/2002
(87) International Publication No	:WO03/013428A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 46

No of Claims : 15

(57) Abstract :

A nutritional supplement for providing, and for promoting the health of salivary glands and/or supporting normal or healthy swallowing includes ingredients obtainable from turmeric, ginger, and horseradish. The nutritional supplement may also be used to treat symptoms such as symptoms of a common cold, sore throat, congestion, mucositis, laryngitis, mucous membrane inflammation and sialorrhea, as well as inflammation and viral infectin, or to inhibit or exterminate a virus. This nutritional supplement can be orally administered a person. The nutritional supplement may further include optional ingredients such as ingredients obtainable from slippery elm bark powder and green tea, as well as other optional ingredients. This nutritional supplement may further include a pharmaceutically acceptable carrier for oral administration. Also disclosed are methods of providing nutrition, for promoting the health of salivary glands and/or supporting normal or healthy swallowing, as well as methods for treating symptoms of a common cold, sore throat, congestion, mucositis, laryngitis, mucous membrane inflammation and sialorrhea. Methods of treating inflammation, and viral infections, as well as inhibiting or exterminating viruses are also disclosed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.00130/MUMNP/2004 A

(19) INDIA

(22) Date of filing of Application :20/02/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : ORAL COMPOSITON COMPRISING AN ALKYLHYDROXYBENZOATE

(51) International classification	:A61K7/24
(31) Priority Document No	:01307269.9
(32) Priority Date	:24/08/2001
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP02/09168
Filing Date	:15/08/2002
(87) International Publication No	:WO03/017964A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

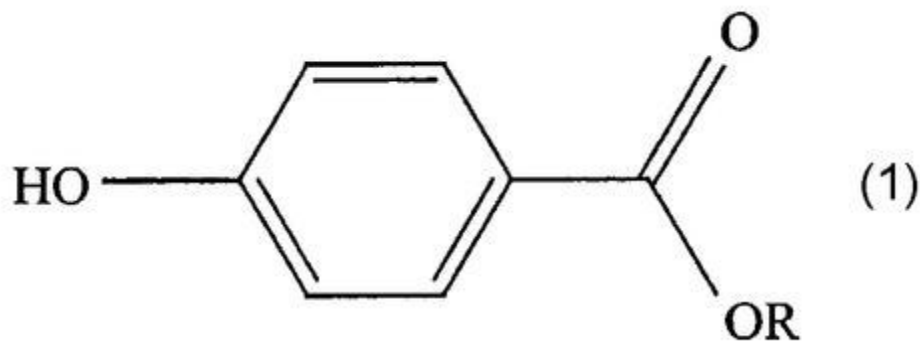
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(72)**Name of Inventor :**
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No of Pages : 12

No of Claims : 14

(57) Abstract :

Oral composition comprising:(a) an alkyl hydroxybenzoate represented by Formula (1): wherein R represents an alkyl group comprising at least five carbon atoms, and(b) said composition having an alkaline pH.



(54) Title of the invention : INFORMATION TRANSFER METHODS

(51) International classification	:H04L 27/10
(31) Priority Document No	:2001127206
(32) Priority Date	:08/10/2001
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU02/00102
Filing Date	:20/03/2002
(87) International Publication No	:WO03/032594A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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No of Pages : 29

No of Claims : 7

(57) Abstract :

The invention makes it possible to increase the transmission rate of existing communication lines or the transmitting capacity thereof. The inventive method consists in forming first and second analog signals from first and second sequences of digital information readouts on a transmission side. The first analog signal is formed from the difference between the values of the digital information readouts of the first sequence and the values of the digital information readouts of the second sequence which are taken in the points of the digital information readouts of the first sequence. The second analog signal is formed from the digital information readouts of the second sequence taken in the points of the digital information readouts of the second sequence, said points being situated between the points of the digital information readouts of the first sequence. The first and second analog signals being summed up, the integral analog signal is transmitted to a transmission line. On a receiving side, the first sequence of the digital information readouts is reconstructed by discretising the integrated analog signal with the aid of a bit-timing frequency. Afterwards, the first sequence of the digital information readouts is converted into the analog signal of the first sequence with the aid of a specified sampling function, said analog signal of the first sequence being subtracted from the integral analog signal, the second sequence of the digital information readouts is reconstructed from the residual analog signal thus obtained.

(54) Title of the invention : METHOD OF NOISE-IMMUNE INFORMATION TRANSMISSION

(51) International classification :H04L27/10
(31) Priority Document No :2001127208
(32) Priority Date :08/10/2001
(33) Name of priority country :Russia
(86) International Application No :PCT/RU02/00103
Filing Date :20/03/2002
(87) International Publication No : WO 03/032595
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

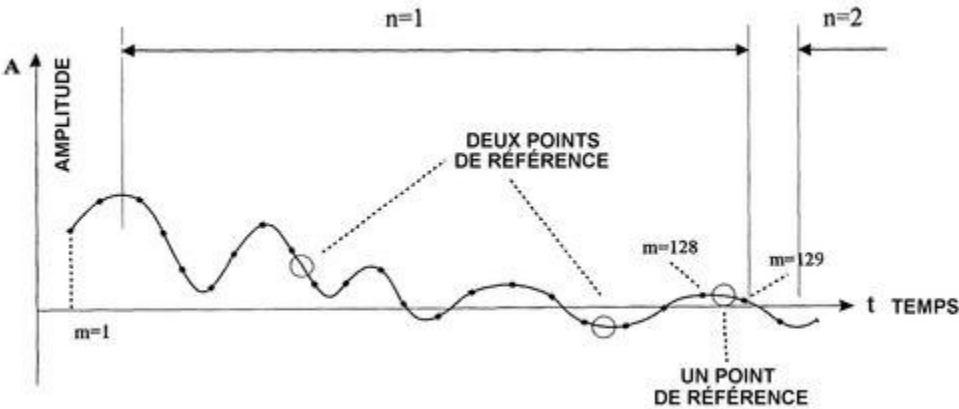
(71)Name of Applicant :
1)DOUNAEV IGOR BORISOVICH
Address of Applicant :UL. GOGOLYA, 14A-48, KHIMKI,
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(72)Name of Inventor :
1)DOUNAEV IGOR BORISOVICH
2)LETOUNOV, Leonid Alexeyevich

No of Pages : 17

No of Claims : 5

(57) Abstract :

The inventive data transmission method makes it possible to increase the transmitting capacity of a transmission line without reducing the noisproof feature thereof. Said method consists in transmitting digital information readouts in the form of an analog signal added with an excess information signal. Said invention is characterised in the following: at least one point disposed between the information readouts is selected on a transmission side; the value of the analog signal into which the digital information readouts are converted with the aid of a second sampling function is determined in each selected reference point; in order to extend the analog signal, the readouts of the reference points are converted into the excess information signal; the value of an envelope curve of the corresponding reference point is determined with the aid of the reconstructed digital readouts on a receiving side; the value of the envelope curve thus obtained is compared with a respective value reconstructed from the received signal. The compared values being unmatched, the set of digital readouts providing the coincidence thereof is selected.

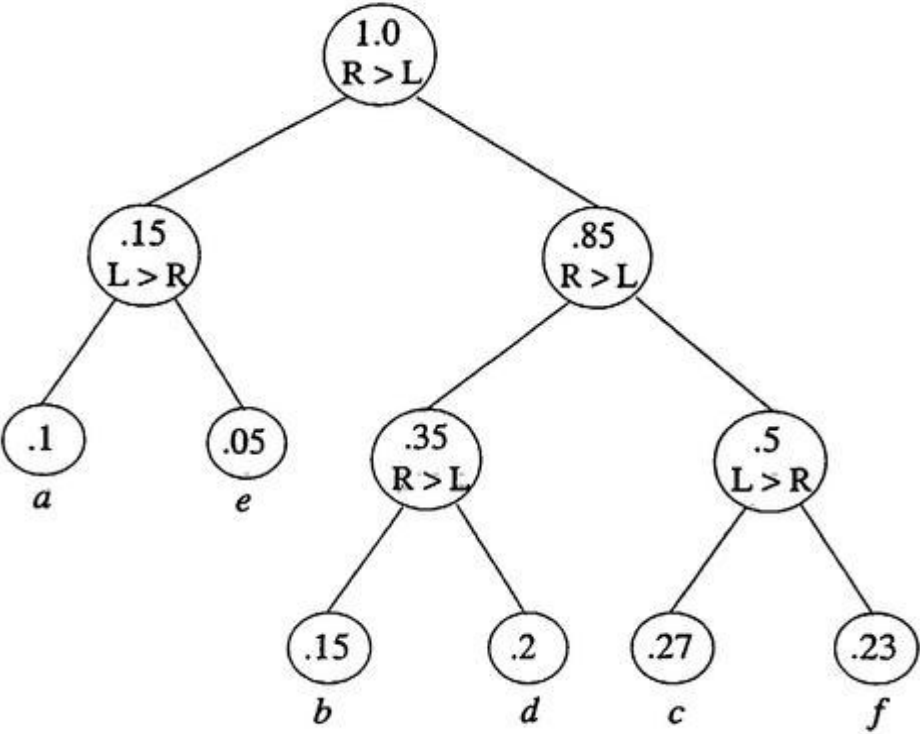


(54) Title of the invention : A CRYPTOSYSTEM FOR DATA SECURITY

(51) International classification	:H04L9/00	(71)Name of Applicant :
(31) Priority Document No	:2,358,048	1)3927296 CANADA INC
(32) Priority Date	:25/09/2001	Address of Applicant :270 ALBERT STREET OTTAWA, ONTARIO
(33) Name of priority country	:Canada	K1P 5G8 Canada
(86) International Application No	:PCT/CA01/01429	(72)Name of Inventor :
Filing Date	:15/10/2001	1)JOHN B OOMMEN
(87) International Publication No	:WO03/028281	2)LUIS RUEDA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 206No of Claims : 47

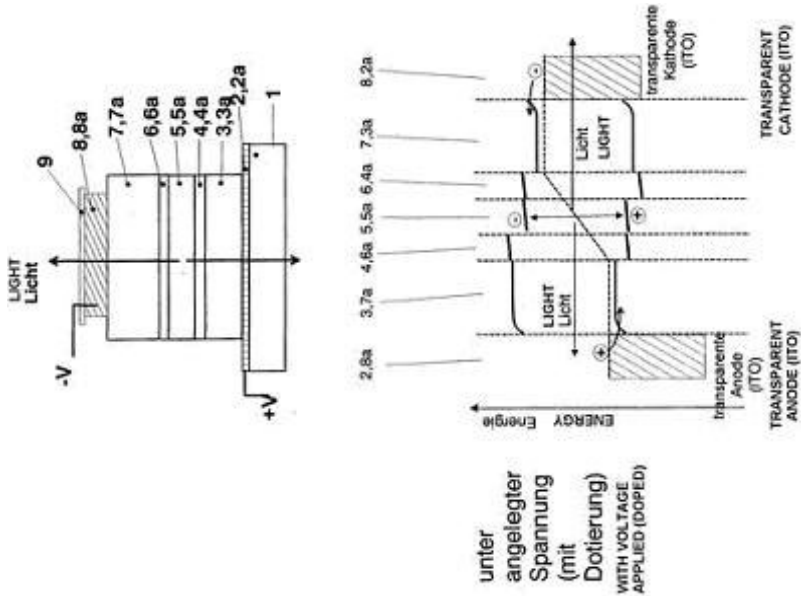
(57) Abstract :
A method and device for creating ciphertext from plaintext, and for decoding ciphertext, utilizing a tree structure for both encoding and decoding, the tree having leaves which are associated with plaintext symbols and the branches having assigned thereto a member of the ciphertext alphabet so that when encoding, a traversal is made between the root and the leaf corresponding to the plaintext and recording the ciphertext associated with each branch traversed, and when decoding, using the cipherhext to determine the branches to be traversed until a leaf is reached and recording the plaintext associated with that leaf.



(54) Title of the invention : TRANSPARENT THERMALLY STABLE LIGHT-EMITTING COMPONENT COMPRISING ORGANIC LAYERS		
(51) International classification	:H01L 51/20	(71) Name of Applicant : 1)NOVALED GMBH Address of Applicant :ZELLESCHER WEG 17, 01069 DRESDEG FEDERAL Germany (72) Name of Inventor : 1)BLOCHOWITZ-NIMOTH JAN
(31) Priority Document No	:102 15 210.1	
(32) Priority Date	:28/03/2002	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/DE03/01021	
Filing Date	:27/03/2003	
(87) International Publication No	:WO03/083958A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19No of Claims : 20

(57) Abstract :
The invention relates to a thermally stable, highly efficient, transparent light-emitting component, which comprises organic layers, is run at low operating voltages and is simple to produce. The aim of the invention is to disclose a completely transparent (>70 % transmission) organic light-emitting diode, which can be operated at a reduced operating voltage and is highly efficient at emitting light. To achieve this, according to the invention the hole transport layer adjacent to the anode is p-doped with a stable, acceptor-type organic molecular material with a high molecular mass, which leads to an increased hole conductivity in the doped layer, in comparison with the non-doped layer. Similarly, the electron injection layer adjacent to the cathode is n-doped with a stable, donor-type molecule with a high molecular mass and exhibits a significantly increased electron conductivity. Both doped layers can be thicker in the component than is possible with non-doped layers, without causing an increase in the operating voltage. This permits layers that are arranged below, in particular the light-emitting layers, to be protected against damage during the production process, (sputter process), of the transparent electrode (e.g. ITO).



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2004

(21) Application No.00245/MUMNP/2004 A
(43) Publication Date : 20/04/2007

(54) Title of the invention : INDIRECTLY PRESTRESSED,CONCRETE, ROOF-CEILING CONSTRUCTION WITH FLAT SOFFIT

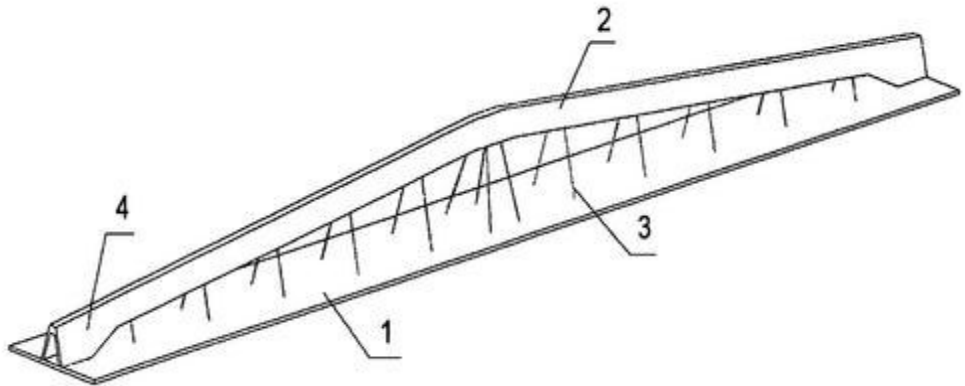
(51) International classification	:E04C3/26 E04C3/294 E04B7/02	(71)Name of Applicant : 1)MARA-INSTITUT D.O.O. Address of Applicant :VARAA½DINSKA 65,MARTIJANEC 42232 DONJI MARTIJANEC, Croatia
(31) Priority Document No	:P020020044A	(72)Name of Inventor :
(32) Priority Date	:16/01/2002	1)SKENDÅ½IC, MILOVAN
(33) Name of priority country	:Croatia	2)SMRCEK, BRANKO
(86) International Application No	:PCT/HR02/00057	
Filing Date	:19/11/2002	
(87) International Publication No	:WO03/060253A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 1

(57) Abstract :

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 (1) and upper concrete girder (2), of the inverse "V"-shaped cross section, interconnected by slender steel pipe-rods (3) that are used to stabilize the upper girder (2) against lateral buckling and to prevent parts (1) and (2) to get closer or apart each to another. Prestressing of the soffit plate (1) causes compression in the upper girder (2) 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.



(54) Title of the invention : CARD FOR MULTI-PURPOSE USING

(51) International classification :G11B7/00
(31) Priority Document No :01140173.7
(32) Priority Date :28/11/2001
(33) Name of priority country :China
(86) International Application No :PCT/CN02/00706
Filing Date :30/09/2002
(87) International Publication No :WO 03/046894
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

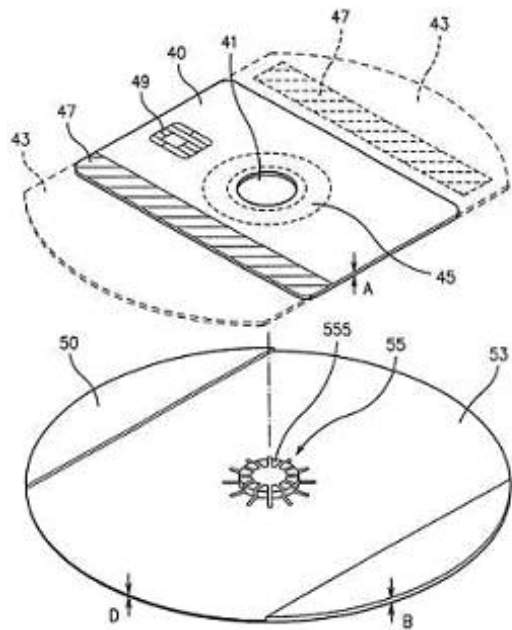
(71)Name of Applicant :
1)YASHEUNG CHEUNG
Address of Applicant :3F,NO.322,CHUNG HSIAO EAST
ROAD,SECTION 4,TAIPEI CITY 106, China
(72)Name of Inventor :
1)YASHEUNG CHEUNG

No of Pages : 35

No of Claims : 26

(57) Abstract :

This invention involves a multi-function card, which is especially applicable to card reader and CD-ROMs for reading data. In this invention, a CD dread-surface and a magnetic strip or IC chip are mounted onto a disk sheet which is 0.8 mn thick and conforms with ISO 7816 protocol. The device can be inserted into a card reader or plug in card machine to read data stored in the magnetic strip or IC chip. The disk sheet can be placed on a read cover-DSK, which in turn can be steadily put into a CD-ROM, and that makes it convenient for the optical read head in the CD-ROM to read the data carried by the disk sheet. The invention integrate such storage media as magnetic card, IC card and CD sheet into one so as to improve security for use, capacity of memory, and expands its applications.



(54) Title of the invention : MEANS AND APPARATUS FOR MICROREFRIGERATION

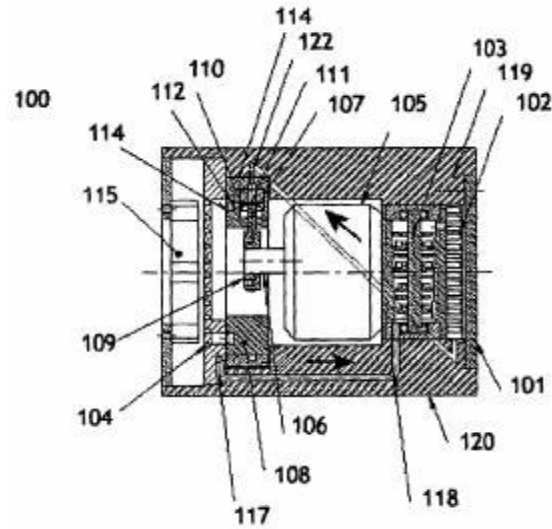
(51) International classification	:F25B11/04 F25B 9/00 H05K7/14	(71)Name of Applicant :
(31) Priority Document No	:60/359032	1)THAR TECHNOLOGIES INC.
(32) Priority Date	:22/02/2002	Address of Applicant :730 WILLAM PITT WAY, PITTSBURGH, PA 15238, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US03/05686	1)CHORDIA LALIT
Filing Date	:24/02/2003	2)MOYER BRIAN
(87) International Publication No	:WO03/073017A1	3)DAVIS JOHN C
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 82

No of Claims : 52

(57) Abstract :

An integrated, self-contained microrefrigeration apparatus, in a dimension small enough to fit inside small appliances, such as electronic cases and portable equipment is described. The microrefrigerator employs a working fluid that circulates between evaporator (102), compressor, condenser and turbine-expander (103) in a closed loop. Two configurations are claimed: one with the compressor and turbine operating on independent shafts, and the other with the turbine and compressor both operating on the motor shaft.



(54) Title of the invention : PEPTABODY FOR CANCER TREATMENT

(51) International classification	:C07K 14/485	(71)Name of Applicant :	
(31) Priority Document No	:60/460,490	1)UNIVERSITE DE LAUSANNE	
(32) Priority Date	:04/04/2003	Address of Applicant :RUE DU BUGNON 21.CH-1005 LAUSANNE,	
(33) Name of priority country	:U.S.A.	Switzerland	
(86) International Application No	:PCT/IB2004/001049	(72)Name of Inventor :	
Filing Date	:05/04/2004	1)DEPERTES DAVID	
(87) International Publication No	:WO 2004/087766	2)CLOUTIER SYLVAIN	
(61) Patent of Addition to Application Number	:NA	3)MACH JEAN PIERRE	
Filing Date	:NA	4)HOLLER NILS	
(62) Divisional to to Application Number	:NA	5)FATTAH OMAR	
Filing Date	:NA		

No of Pages : 75No of Claims : 33

(57) Abstract :
The present invention relates to an isolated and recombinant fusion peptabody, which binds to a member of the epidermal growth factor receptor useful in inhibiting the growth of certain tumor cells. Also disclosed are, nucleic acids encoding said isolated and recombinant fusion peptabody, kits and pharmaceutical compositions comprising said isolated and recombinant fusion peptabody as an active substance. Finally, a method for the manufacture of said isolated and recombinant fusion peptabody, and its use for the preparation of a medicament for the treatment or prevention of cancer are provided.



Amino acid sequence of peptabody Irrelevant :
MYSFEDLHHHHHHGDLGPQMLRELQETNAALQDVRDYLRQLVREITFLKN
TVMECDACGMQQTSPPTPPTPSPSTPPTSPRS*

Amino acid sequence of peptabody EGF :
MYSFEDLHHHHHHGDLGPQMLRELQETNAALQDVRDYLRQLVREITFLKN
TVMECDACGMQQTSPPTPPTPSPSTPPTSPRSNSDSECPLSHDGHCLH
DGVCMYIEALDKYACNCVVG YIGERCQYRDLKWWELR*

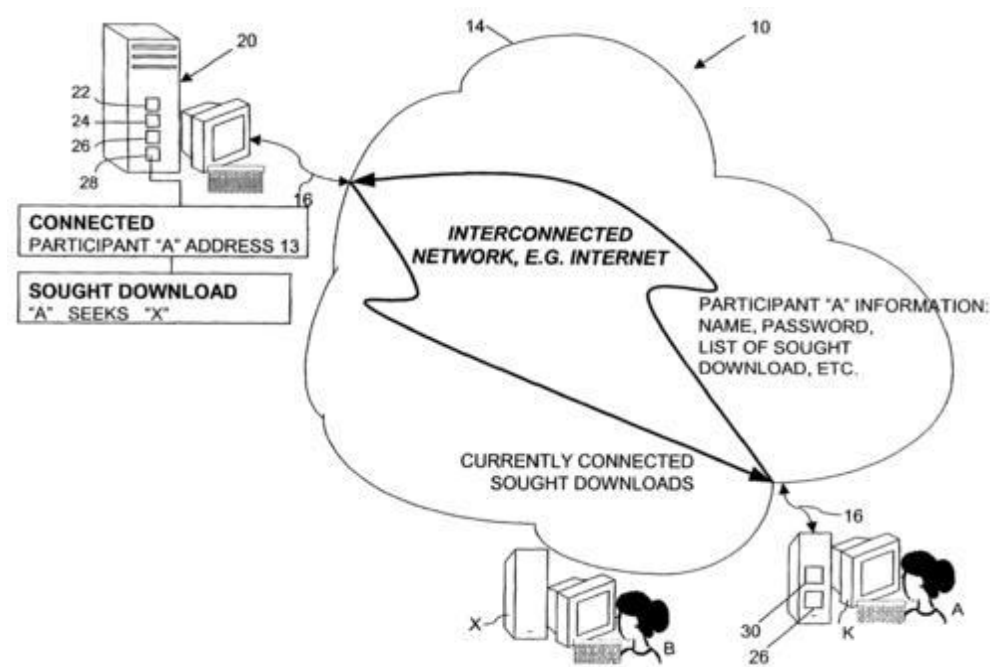
(54) Title of the invention : METHOD FOR SHARING INFORMATION IN A NETWORK MEETING SYSTEM

(51) International classification	:G06F15/16(2006.01)	(71)Name of Applicant :
(31) Priority Document No	:60/467,739	1)LING JIM
(32) Priority Date	:01/05/2003	Address of Applicant :826 DARTSHIRE WAY, SUNNYVALE, CA
(33) Name of priority country	:U.S.A.	94087, U.S.A.
(86) International Application No	:PCT/US2004/013932	(72)Name of Inventor :
Filing Date	:30/04/2004	1)LEUNG FELIX
(87) International Publication No	:WO2004/099933	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 97No of Claims : 22

(57) Abstract :

In one embodiment, the inventor provides a method, comprising automatically capturing a first screen shot of an active application; saving the first screen shot in a directory from which a server attempts to retrieve downloadable files for a network; automatically generating a code to create a web page, wherein the code contains a reference to the first screen shot; and publishing the web page.



(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/11/2005

(21) Application No.01261/MUMNP/2005 A

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PARTS WASHER

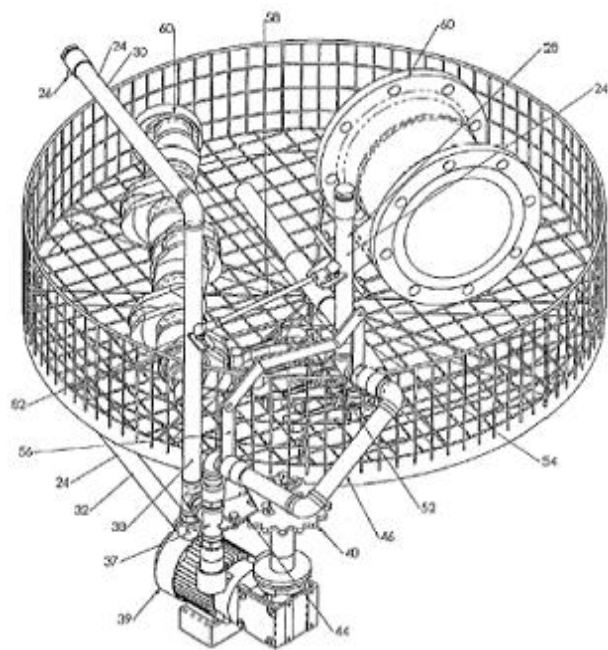
(51) International classification :B08B 3/02
(31) Priority Document No :2003901819
(32) Priority Date :16/04/2003
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2004/000502
Filing Date :16/04/2004
(87) International Publication No :WO 2004/091817 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GODDARD, EARL FENTON
Address of Applicant :38 CAMPBELL STREET,KENSINGTON,WA
6151, Australia
(72)**Name of Inventor :**
1)GODDARD, EARL FENTON

No of Pages : 21

No of Claims : 20

(57) Abstract :
A parts washer (10) having a cleaning chamber (16) and a receptacle (18) into which parts (60) to be cleaned are placed. The receptacle (18) is rotatably mounted within the cleaning chamber (16) and is rotated by a drive means. One or more spray manifolds (24) are provided, each having a plurality of spray jets (26) arranged to spray cleaning fluid onto the parts (60) in the receptacle. The spray manifolds (24) are moveably mounted within the cleaning chamber (16) and are coupled to the drive means such that the drive means causes reciprocating motion of the spray manifolds (24).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.01371/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :07/12/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : BLEACHING COMPOSITION

(51) International classification	:C11D3/39
(31) Priority Document No	:0313249.5
(32) Priority Date	:09/06/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2004/004799
Filing Date	:28/04/2004
(87) International Publication No	:WO 2004/111171
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
Address of Applicant :HINDUSTAN LEVER HOUSE ,165/166
BACKBAY RECLAMATION,MUMBAI-400 020, Maharashtra India

(72)**Name of Inventor :**
1)VAN ASTEN ADRIANUS CORNELIS
2)OUWENDIJK-VRIJENHOEK MAARTJE
3)VEERMAN SIMON MARINUS

No of Pages : 28

No of Claims : 17

(57) Abstract :

The present invention concerns the preservation of a perfume components in a bleaching composition. The bleaching composition is substantially devoid of a peroxygen bleach or a peroxy-based or peroxy-generating bleach system.

(54) Title of the invention : BIODEGRADABLE COMPOSITIONS COMPRISING POLYLACTIC POLYMERS, ADIPAT COPOLYMERS AND MAGNESIUM SILICATE

(51) International classification	:C08L67/04 C08K3/34	(71)Name of Applicant : 1)CEREPLAST, INC.
(31) Priority Document No	:10/789,549	Address of Applicant :3433 WEST EL SEGUNDO BOULEVARD,
(32) Priority Date	:27/02/2004	HAWTHORNE,CA 90250 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB04/002517	1)SCHEER,FREDERIC
Filing Date	:14/06/2004	2)KELLY,WILLIAM
(87) International Publication No	:WO2005/085350A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 21

(57) Abstract :

The present invention relates to biodegradable polymer compositions comprising poly(lactic acid) and co-polyester polymer with adipic acid mixed with organic peroxide and mineral particles. In addition, the present invention relates to products made on the basis of such compositions, such as molded and extruded articles.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1010/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : USE OF 14,15-DIHYDRO-20,21-DINOREBURNAMENIN-14-OL FOR THE TREATMENT AND/OR PREVENTION OF SERIOUS DEPRESSION AND SLEEP/WAKING CYCLE DISORDERS

(51) International classification	:A61K31/437
(31) Priority Document No	:0400905
(32) Priority Date	:30/01/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2005/000178
Filing Date	:27/01/2005
(87) International Publication No	:WO2005/082365A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BIOCORTECH
Address of Applicant :28,rue du Docteur Roux, F-75015 Paris, France
(72)**Name of Inventor :**
1)PUJOL,Jean-Francois
2)WEISSMANN,Dinah

No of Pages : 25

No of Claims : 12

(57) Abstract :

The invention relates to a novel therapeutic use of 14,15-dihydro-20,21-dinoreburnamenin-14-ol for the treatment of serious depression in humans, particularly for the treatment of patients resistant to conventional anti-depressant treatments and for treatment of sleep/waking cycle disorders.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1020/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/08/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : TRANSMISSION OF SIGNALING INFORMATION FOR BROADCAST AND MULTICAST SERVICES

(51) International classification	:H04Q7/38
(31) Priority Document No	:60/544,147
(32) Priority Date	:10/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/004862
Filing Date	:10/02/2005
(87) International Publication No	:WO2005/079105
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 Morehouse Drive, San Diego, California
92121-1714 U.S.A.
(72)**Name of Inventor :**
1)VAYANOS,Alkinoos Hector
2)GRILLI,Francesco

No of Pages : 40

No of Claims : 45

(57) Abstract :

Techniques for transmitting signaling information for broadcast and multicast services are described. A base station transmits signaling information for each service in accordance with a schedule that includes a repetition period and a modification period. The signaling information is sent in each repetition period to allow wireless devices to quickly obtain this information. Changes to the critical signaling information are permitted at the start of each modification period, which is an integer multiple of the repetition period. Whenever the critical signaling information for a given service is changed in a given modification period, a notification indicator for the service is set in an entire preceding modification period to inform the wireless devices of the impending change. The wireless devices can detect the notification indicator being set in the preceding modification period and can retrieve the updated critical signaling information in the following modification period.

(54) Title of the invention : METHOD AND APPARATUS FOR CHARACTERIZING AN END-TO- END PATH OF A PACKET- BASED NETWORK

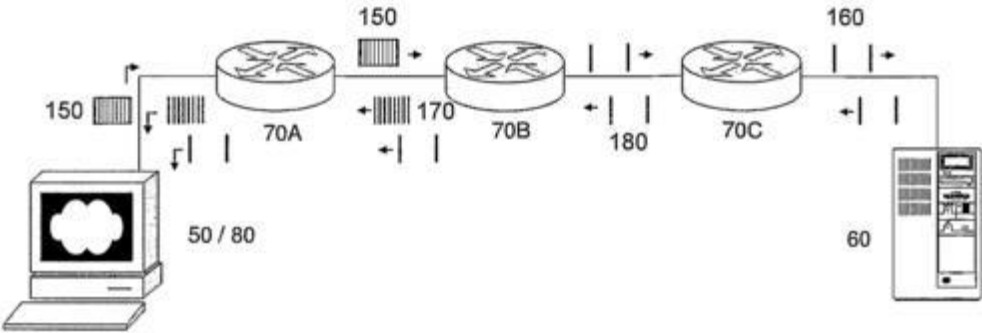
(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date :H04L12/26 :60/541,928 :06/02/2004 :U.S.A. :PCT/CA2005/000134 :04/02/2005 :WO2005/076530 :NA :NA :NA :NA	(71)Name of Applicant : 1)APPARENT NETWORKS, INC. Address of Applicant :400-321 Water Street,Vancouver, British Columbia V6B 1B8 Canada (72)Name of Inventor : 1)JORGENSEN, Loki 2)NORRIS,Christopher,R.

No of Pages : 52

No of Claims : 31

(57) Abstract :

The present invention provides a method and apparatus for characterising each segment of the network path between a source host and destination host. The invention comprises collecting data by sending and receiving specific predetermined ordered groups of packets that can vary in size, number and protocol, the packets being sent from the source host and addressed to the destination node. These groups of packets include strategically arranged marker packets and load packets. The load packets typically expire at a predetermined node and the marker packets complete their journey to the destination. After expiry of the load packets, the marker packets provide a means for capturing information enabling the characterisation of each segment up to the expiry of these load packets. Further analysis of the collected information enables adjustment of the characteristics of the groups of packets resulting in an optimisation of the sampling and characterisation of the network path.



(54) Title of the invention : UNAUTHORIZED INFORMATION DETECTION SYSTEM AND UNAUTHORIZED ATTACK SOURCE SEARCH SYSTEM

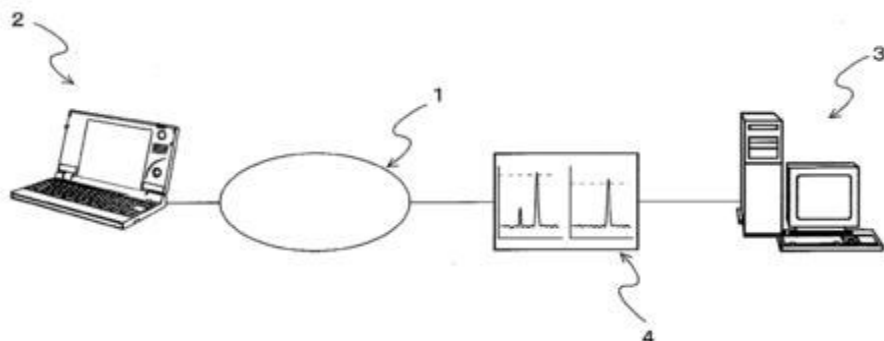
(51) International classification	:H04L12/66	(71)Name of Applicant :	
(31) Priority Document No	:2004-025015	1)CYBER SOLUTIONS INC.	
(32) Priority Date	:02/02/2004	Address of Applicant :6-3,Minami-Yoshinari 6-chome, Aoba-ku,Sendai-shi, Miyagi 989-3204, Japan	
(33) Name of priority country	:Japan	(72)Name of Inventor :	
(86) International Application No	:PCT/JP2005/001524	1)KEENI,Glenn Mansfield	
Filing Date	:02/02/2005		
(87) International Publication No	:WO2005/074215A1		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 22

No of Claims : 10

(57) Abstract :

There is provided a system for detecting and tracing a (D)DoS attack and identifying the attack source, which system simplified the judgment reference to determine whether a (D)DoS attack is present. The number of source addresses of the packets transmitted via the Internet line is monitored. When the number of the source addresses has reached a predetermined number or a predetermined ratio within a predetermined time, it is judged that an unauthorized attack is present. Moreover, the packet of the HOP number different from the HOP number corresponding to the transmission source information is judged to be unauthorized information.



(54) Title of the invention : CARBON-CONTAINING, TITANIUM DIOXIDE BASED PHOTOCATALYST, AND PROCESS FOR PRODUCING THE SAME

(51) International classification :C09C1/36
 (31) Priority Document No :10 2004 017 565.9
 (32) Priority Date :07/04/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP05/003601
 Filing Date :06/04/2005
 (87) International Publication No :WO2005/108505A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

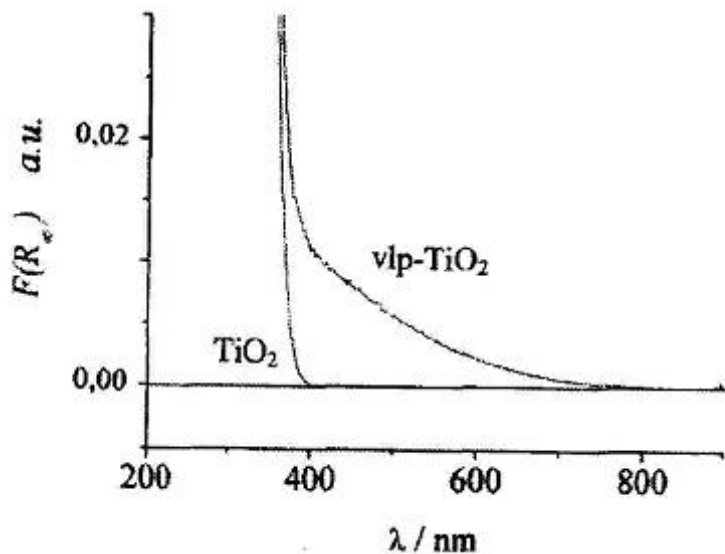
(71)Name of Applicant :
1)KRONOS INTERNATIONAL,INC.
 Address of Applicant :POSTFACH 10 07 20, 51307 LEVERKUSEN
 Germany
 (72)Name of Inventor :
1)ORTH-GERBER,Jurgen
2)KISCH,HORST
3)SAKTHIVEL,Shanmugasundaram

No of Pages : 28

No of Claims : 26

(57) Abstract :

A highly effective photocatalyst active in daylight and based on carbon modified titanium dioxide (vlp-TiO₂) is disclosed, as well as a process for producing the same. The vlp-TiO₂ is produced by mixing a finely divided titanium compound (BET $\geq$ 50 m²/g) with a carbon-containing substance, then by thermally treating it at temperatures of up to 400Å°C. The carbon content ranges from 0.05 to 4% by weight, preferably from 0.4 to 0.8% by weight. The product is characterized by an only insignificant ESR signals in a g value range from 1.97 to 2.05, at about 2003. The claimed photocatalyst is suitable for the mineralisation (oxidation) of impurities and pollutants in liquids and gasses.

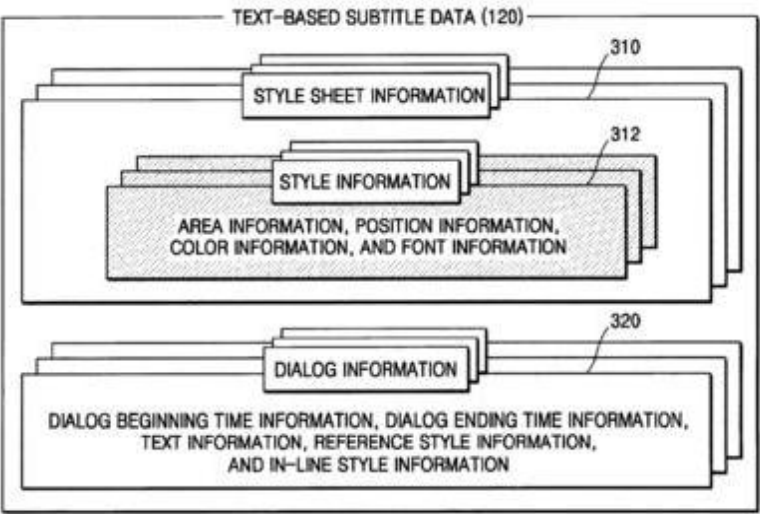


(54) Title of the invention : STORAGE MEDIUM FOR STORING TEXT-BASED SUBTITLE DATA INCLUDING STYLE INFORMATION AND APPARATUS AND METHOD REPRODUCING THEREOF

(51) International classification :G11B20/10(31) Priority Document No :10-2004-0011699(32) Priority Date :21/02/2004(33) Name of priority country :Republic of Korea(86) International Application No :PCT/KR2005/000463Filing Date :19/02/2005(87) International Publication No :WO2005/079171A2(61) Patent of Addition to Application Number :NAFiling Date :NA(62) Divisional to to Application Number :NAFiling Date :NA	(71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD Address of Applicant :416,Maetan-dong,Yeongton-gu, Suwon-si,Gyeonggi-do 442-742, Republic of Korea(72)Name of Inventor : 1)JUNG,Kil-Soo 2)PARK,Sung-Wook

No of Pages : 28No of Claims : 34

(57) Abstract :
A storage medium for storing text-based subtitle data including style information, a reproducing apparatus and methods are provided for reproducing text-based subtitle data including style information separately recorded on the storage medium. The storage medium includes: multimedia image data; and text-based subtitle data for displaying subtitles on an image based on the multimedia image data, wherein the text-based subtitle data includes dialog information indicating subtitle contents to be displayed on the image, style information indicating an output style of the dialog information, and partial style information indicating an output style applied to a portion of the dialog information. Accordingly, subtitles can be provided in a plurality of languages without limited to the number of units of subtitle data. In addition, subtitle data can be easily produced and edited. Likewise, an output style of the subtitle data can be changed in a variety of ways. Also, a special style can be applied in order to emphasize a portion of the subtitles.



(54) Title of the invention : A METHOD AND APPARATUS FOR OPERATING AN INTERMEDIATE-TEMPERATURE SOLID-OXIDE FUEL CELL STACK WITH A MIXED IONIC/ELECTRONIC CONDUCTING ELECTROLYTE IN ORDER TO INCREAS ITS EFFICIENCY

(51) International classification :H01M8/04
(31) Priority Document No :0402906.2
(32) Priority Date :10/02/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/000355
Filing Date :02/02/2005
(87) International Publication No :WO2005/078843A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

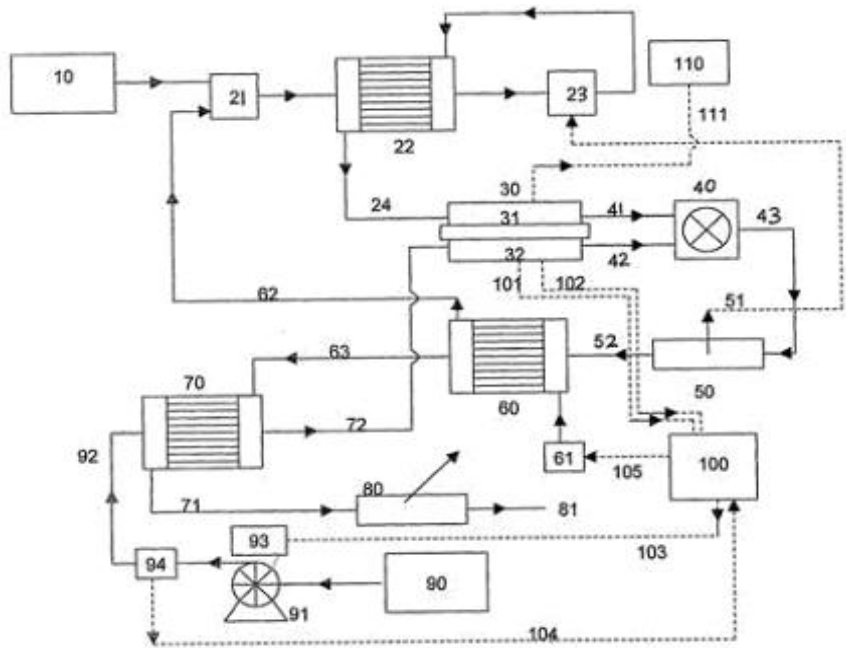
(71)Name of Applicant :
1)CERES POWER LIMITED
Address of Applicant :UNIT 18,Denvale Trade Park, Haslett Avenue East
Crawley,West Sussex RH10 1SS U.K.
(72)Name of Inventor :
1)Leah,Robert
2)Brandon,Nigel Peter
3)Duckett,Athol
4)EI Koury,Karim
5)Schmidt,Martin

No of Pages : 27

No of Claims : 22

(57) Abstract :

A method and apparatus for operating an intermediate-temperature solid-oxide fuel cell stack with a mixed ionic/electronic conducting electrolyte in order to increase its efficiency. The required power output of the solid-oxide fuel cell stack is determined and one or more operating conditions of the solid fuel cell stack are controlled dependent upon the determined required power output. The operating conditions that are controlled may be at least one or the temperature of the fuel cell stack and the dilution of fuel delivered to the fuel cell stack



(54) Title of the invention : OPTICAL ADD/DROP AMPLIFICATION DEVICE

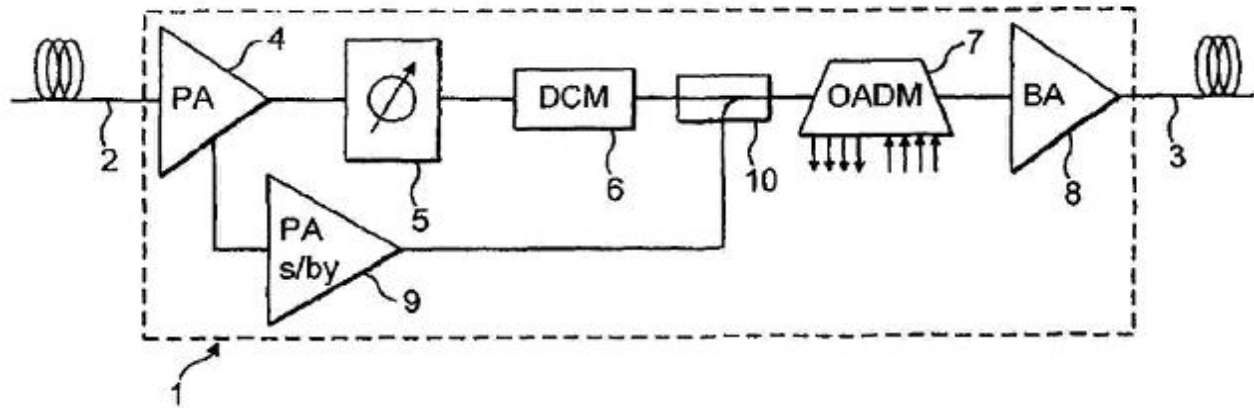
(51) International classification	:H04B10/17	(71)Name of Applicant :	
(31) Priority Document No	:MI2004A000431	1)M COMMUNICATION SPA	
(32) Priority Date	:05/03/2004	Address of Applicant :Via Lodovico Calda 5,I-16153 Genova, Italy	
(33) Name of priority country	:Italy	(72)Name of Inventor :	
(86) International Application No	:PCT/EP2005/050955	1)MAGRI,Roberto	
Filing Date	:03/03/2005	2)COSTANTINI,Matteo	
(87) International Publication No	:WO2005/091535A1		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 13

No of Claims : 9

(57) Abstract :

In an optical add/drop amplification device (1) arranged between fibre spans (2, 3) in an optical telecommunications system, comprising a first input amplifier (4), a channel add/drop device (7) and an output amplifier (8) connected in a series path, the input amplifier (4) is arranged to produce substantially constant output power, such that the output power of amplified spontaneous emission (ASE) noise compensates in use for loss of signal power in the event of breakage of a fibre span, to ensure survival of any channels added at the add/drop device. In accordance with the invention, an additional input amplifier (9) is provided to produce the compensating ASE noise in the event of failure of the first input amplifier.



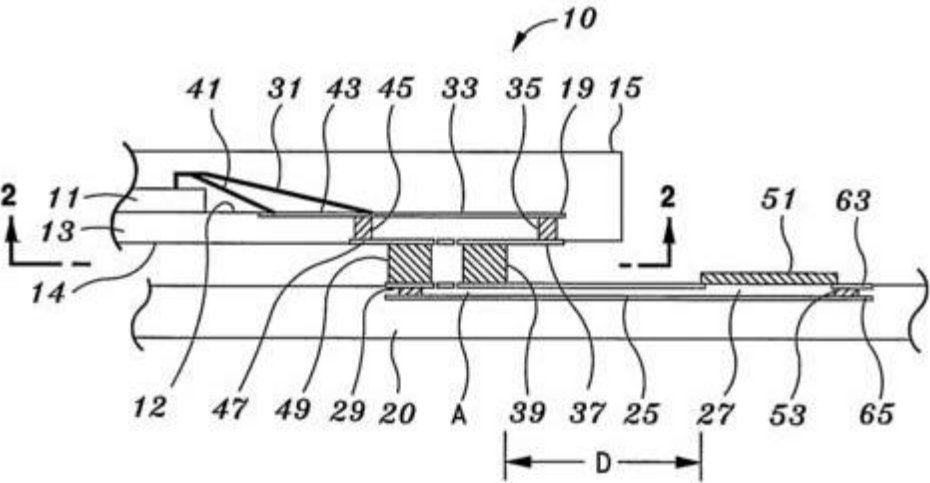
(54) Title of the invention : OPTIMIZED POWER DELIVERY TO HIGH SPEED, HIGH PIN COUNT DEVICES

(51) International classification :H01L23/50,H05K1/02		(71)Name of Applicant :
(31) Priority Document No :60/547,756		1)QUALCOMM INCORPORATED
(32) Priority Date :24/02/2004		Address of Applicant :5775 Morehouse Drive,San Diego, California
(33) Name of priority country :U.S.A.		92121-1714, U.S.A.
(86) International Application No :PCT/US2005/004995		(72)Name of Inventor :
Filing Date :16/02/2005		1)GAGNE,Justin
(87) International Publication No :WO2005/083786A1		2)VEATCH,Mark,S
(61) Patent of Addition to Application Number :NA		3)LANE,Ryan
Filing Date :NA		
(62) Divisional to to Application Number :NA		
Filing Date :NA		

No of Pages : 29

No of Claims : 34

(57) Abstract :
A high-speed semiconductor device includes a substrate having an upper substrate surface, a lower substrate surface, and a periphery bounding the upper and the lower substrate surfaces, the substrate further having an upper substrate ground trace providing an electrical path to the lower substrate surface through a substrate ground via; an array of solder balls attached to the lower substrate surface, the array of solder balls including a plurality of ground solder balls disposed at the periphery and electrically connected to the substrate ground via.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1057/MUM/2000 A

(19) INDIA

(22) Date of filing of Application :23/11/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : HEARING AIDS

(51) International classification	:H04R25/00;H04R25/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PHIROZE ARDESHIR PESTON JAMES
Address of Applicant :14 B, NAVROZE, 66, PALI HILL, BANDRA
(W), MUMBAI - 400 050, Maharashtra India
(72)**Name of Inventor :**
1)PHIROZE ARDESHIR PESTON JAMES

No of Pages : 28

No of Claims : 13

(57) Abstract :

A hearing aid which comprises a resilient compressible shell, the outer surface of the said shell defining the meatus and other portions of the outer ear in which the hearing aid in its operative configuration is to be fitted and the/electric electronic circuitry including the receiver and battery being embedded in the said shell by moulding the shell around the said circuitry. A method of making the hearing aid is also disclosed.

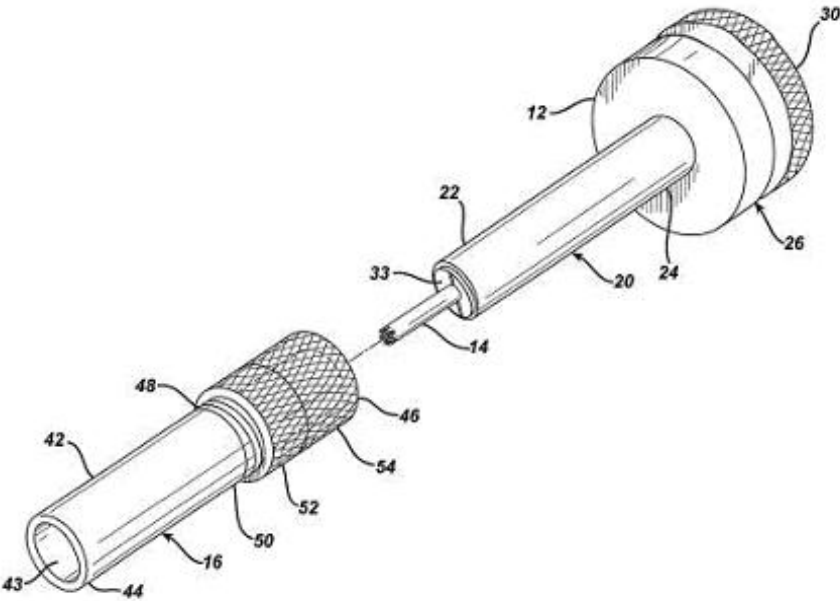
(54) Title of the invention : SKIN MICROACTIVATION SYSTEM

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date :A61M37/00 :10/800997 :15/03/2004 :U.S.A. :PCT/EP2005/002594 :09/03/2005 :WO2005/089857A1 :NA :NA :NA :NA	(71)Name of Applicant : 1)HINDUSTAN LEVER LIMITED Address of Applicant :Hindustan Lever House, 165-166,Backbay Reclamation, Mumbai 400 020, Maharashtra India (72)Name of Inventor : 1)CARSON Robert George 2)MUKHERJEE Surajit 3)SANTHANAM Uma

No of Pages : 35

No of Claims : 23

(57) Abstract :
System and technique using same for microactivating an area of the epidermis. The system includes a device and a skin benefit agent. The device microactivates epidermal tissue with efficiency and minimal discomfort. The system and method may be provided as part of a home-use kit for individualized use.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1065/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :08/10/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : DRY CLEANING SOLVENT AND METHOD FOR USING THE SAME

(51) International classification	:B08B3/12
(31) Priority Document No	:09/449896
(32) Priority Date	:30/11/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1044/MUM/2000
Filed on	:20/11/2000

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
Address of Applicant :HINDUSTAN LEVER HOUSE, 165/166,
BACKBAY RECLAMATION, MUMBAI - 400 020, Maharashtra India
(72)**Name of Inventor :**
1)MURPHY DENNIS STEPHEN

No of Pages : 19

No of Claims : 21

(57) Abstract :

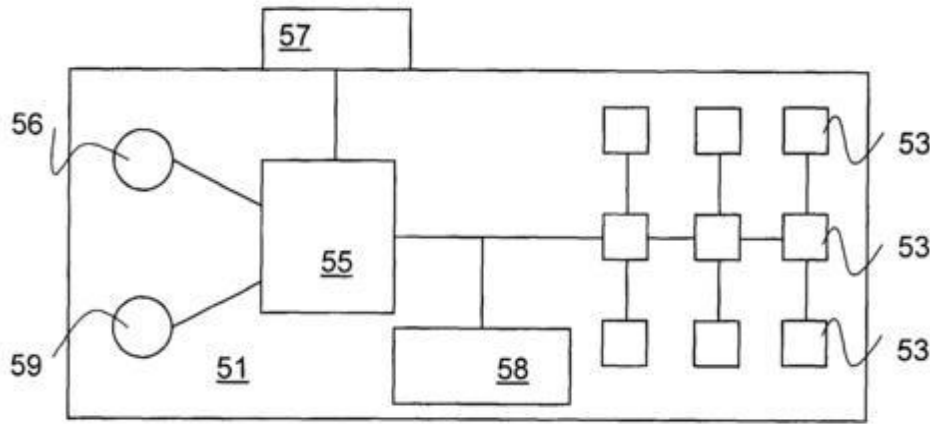
The invention is directed to a dry-cleaning solvent and method for dry-cleaning. The dry-cleaning solvent and method employ a linear silicon comprising oligomer that unexpectedly results in excellent cleaning properties in the absence of any known environmental or health risks.

(54) Title of the invention : HANDHELD DEVICE IN AN ELECTRONIC LABELLING SYSTEM

(51) International classification	:G06F3/147	(71)Name of Applicant :
(31) Priority Document No	:0400556-7	1)PRICER AB
(32) Priority Date	:05/03/2004	Address of Applicant :Bergkallavagen 20-22, S-192 79 Sollentuna,
(33) Name of priority country	:Sweden	Sweden
(86) International Application No	:PCT/SE2005/000322	(72)Name of Inventor :
Filing Date	:04/03/2005	1)NILSSON,Bjorn
(87) International Publication No	:WO2005/085989A1	2)ANDERSSON,Lars
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 64No of Claims : 23

(57) Abstract :
A handheld device for personal use for communication with electronic labels (11) in an ESL system comprises, in addition to control means (55), memory means (61), transmission means (57) for transmitting a command to the electronic labels, and one or more buttons (53, 53') for user input, a receiver (63) for receiving information from a central unit (1) in the system. The information may comprise new commands, or an authorization code that may be included in commands sent to the labels for authorization of the handheld device.



(54) Title of the invention : OPEN-END ROTOR SPINNING DEVICE

(51) International classification	:D01H4/38
(31) Priority Document No	:102004017700.7
(32) Priority Date	:10/04/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP05/002528
Filing Date	:10/03/2005
(87) International Publication No	:WO2005/100652A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

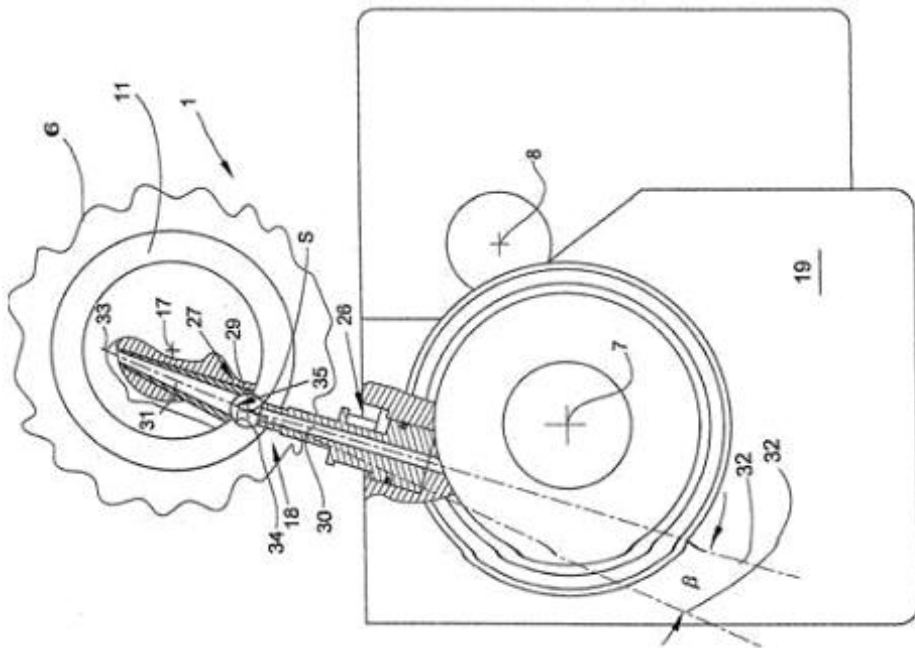
(71)Name of Applicant :
1)SAURER GMBH & CO.,KG
 Address of Applicant :LANDGRAFENSTRASSE 45, D-41069
 MONCHENGLADBACH Germany
 (72)Name of Inventor :
1)WASSENHOVEN, HEINZ-GEORG

No of Pages : 19

No of Claims : 9

(57) Abstract :

Open-end rotor spinning device comprising a spinning rotor, which rotates during the spinning process at a high speed in a rotor housing, which can be subjected to low pressure and which can be closed by a covering element, comprising a single motor-driven opening cylinder, which rotates in an opening cylinder housing, and also comprising an at least two-part fibre guiding channel, wherein the output-side channel section of the fibre guiding channel extends in a channel plate adapter, the centre longitudinal axis of which extends coaxially to the axis of rotation of the spinning rotor, and the input-side channel section of the fibre guiding channel is positioned in the opening cylinder housing in such a way that the centre longitudinal axes of the channel sections are arranged inclined with respect to one another, characterised in that the input-side channel section (30) of the fibre guiding channel (18) is mounted so as to be movable to a limited extent with respect to the output-side channel section (31) of the fibre guiding channel (18), the centre longitudinal line (32) of the input-side channel section (30) being displaceably arranged with respect to the centre longitudinal line (33) of the output-side channel section (31) by angles (α , β) to achieve optimal yarn-dynamic values.

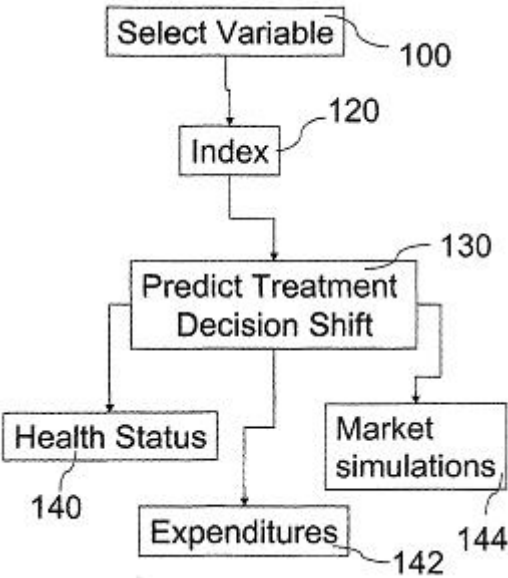


(54) Title of the invention : COST SENSITIVITY DECISION TOOL FOR PREDICTING AND /OR GUIDING HEALTH CARE DECISIONS

(51) International classification	:G06Q50/00	(71)Name of Applicant :	
(31) Priority Document No	:US2004000542216P	1)HUTTIN,Christine,C.	
(32) Priority Date	:06/02/2004	Address of Applicant :18 Chauncy Street.Apt 2. Cambridge,MA 02138	
(33) Name of priority country	:U.S.A.	U.S.A.	
(86) International Application No	:PCT/US2005/003702	(72)Name of Inventor :	
Filing Date	:04/02/2005	1)HUTTIN,Christine,C.	
(87) International Publication No	:WO2005/076957		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 83No of Claims : 81

(57) Abstract :
Methods, devices and systems are disclosed that may be used as a predictive tool for disease surveillance, may be implemented for cost management of delivered health care within a managed care structure, and may be implemented for market simulation for product testing or introduction



(54) Title of the invention : COMPOSITIONS AND METHODS FOR CONTROLLING UNCONSOLIDATED PARTICULATES

(51) International classification	:E21B 43/26
(31) Priority Document No	:10/793,711
(32) Priority Date	:05/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2005/000636
Filing Date	:22/02/2005
(87) International Publication No	:WO2005/085594
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HALLIBURTON ENERGY SERVICES,INC.

Address of Applicant :P.O.Box 1431,Duncan,OK 73533, U.S.A.

(72)Name of Inventor :

1)NGUYEN,Philip,Duke**2)BARTON,Johnny,Alan****3)BROWN,David,Louis**

No of Pages : 27

No of Claims : 69

(57) Abstract :

The present invention relates to methods for stabilizing an unconsolidated or weakly consolidated zone of a subterranean formation. One embodiment provides a method of stabilizing a subterranean formation comprising the steps of placing a gelable liquid composition into the subterranean formation, wherein the gelable liquid composition is capable of forming a gelled substance after placement; and, allowing the gelable liquid composition to convert into a gelled substance that stabilizes unconsolidated or weakly consolidated particles within the subterranean formation. Another embodiment provides a method of stimulating production from a subterranean formation comprising the steps of placing a gelable liquid composition into the subterranean formation; allowing the gelable liquid composition to convert into a gelled substance; creating at least one fracture in the subterranean formation extending from the well bore, through the gelled substance, and into an untreated zone of the subterranean formation; depositing proppant into at least one such fracture.

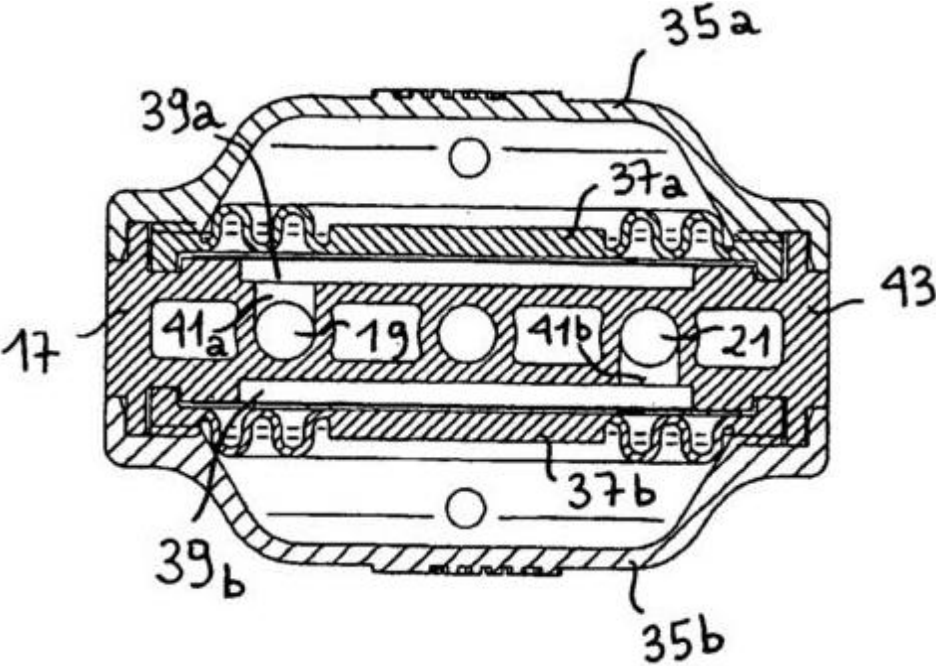
(54) Title of the invention : PRESSURE TRANSMITTING CONNECTOR FOR AN ENDOSCOPY SYSTEM

(51) International classification	:A61B1/015	(71)Name of Applicant :
(31) Priority Document No	:0402238	1)Future Medical System S A.
(32) Priority Date	:04/03/2004	Address of Applicant :38,Chemin du Grand Puits CH-1217,Meyrin
(33) Name of priority country	:France	Switzerland
(86) International Application No	:PCT/CH2005/000127	(72)Name of Inventor :
Filing Date	:03/03/2005	1)Francisco Andre
(87) International Publication No	:WO2005/084524A1	2)Janin Patrick
(61) Patent of Addition to Application Number	:NA	3)Pascual Thierry
Filing Date	:NA	4)Dias Armando
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 8

(57) Abstract :
The inventive pressure transmitting connector, in particular for an endoscopy system comprises a fluid transporting channel (19, 21), a blind compartment (39a, 39b) which open (41a, 41b) towards the transport channels (19, 21) by a pipe (41a, 41b) and closed by a membrane (37a, 37b) which is deformable according to a pressure in said transport channels (19, 21) and means for transmitting a representative quantity of the pressure in the transport channel according to the membrane deformation. According to said invention, the transport channel (19, 21), the pipe (41a, 41b) and the blind compartment (39a, 39b) are embodied in the same rigid part (43) to which the membrane (37a, 37b) is attached. In a preferred embodiment, the membrane (37a, 37b) simultaneously closes the blind compartment (39a, 39b) and a pressure transmitting chamber (35a, 35b) attached to said rigid part (43).



(54) Title of the invention : METHOD FOR SEPARATING A MIXTURE COMPRISING AT LEAST AN HYDROFLUOROALKANE AND HYDROGEN FLUORIDE, METHODS FOR PREPARING A HYDROFLUOROALKANE AND AZEOTROPIC COMPOSITIONS.

(51) International classification	:C01B 7/19
(31) Priority Document No	:9800910
(32) Priority Date	:18/12/1998
(33) Name of priority country	:Belgium
(86) International Application No	:PCT/EP99/10173
Filing Date	:16/12/1999
(87) International Publication No	:WO/2000/037401
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:IN/PCT/2001,00710/MUM
Filed on	:15/06/2001

(71)**Name of Applicant :**
1)SOLVAY(SOCIETE ANONYME)
 Address of Applicant :33,rue du Prince Albert, B-1050 Bruxelles,
 Belgium

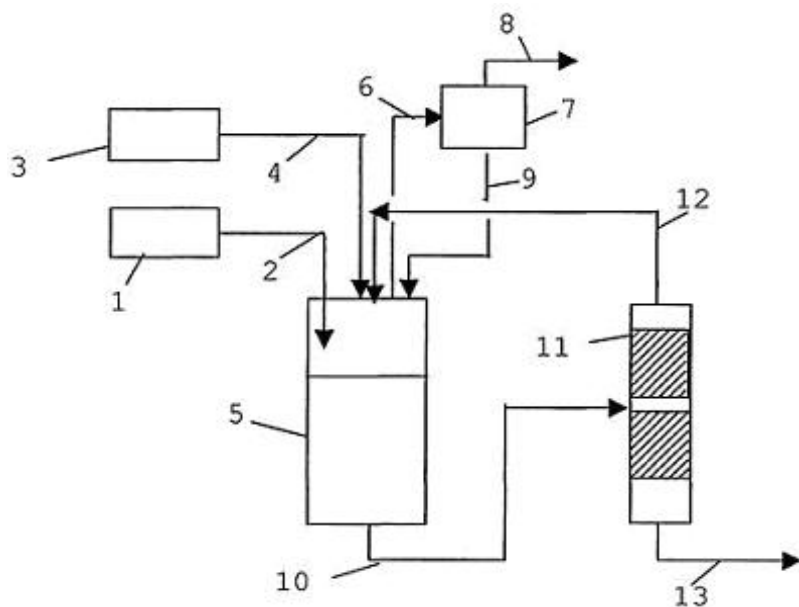
(72)**Name of Inventor :**
1)ALAIN LAMBERT
2)VINCENT WILMET

No of Pages : 38

No of Claims : 22

(57) Abstract :

Process for the separation of a mixture comprising at least one hydrofluoroalkane and hydrogen fluoride, according to which a hydrofluoroalkane/hydrogen fluoride mixture is reacted with at least one chlorinated or chlorofluorinated precursor of the hydrofluoroalkane. Process for the preparation of a hydrofluoroalkane comprising such a separation, in combination with a catalytic reaction stage. Azeotropic compositions.



(54) Title of the invention : KINASE INHIBITORS

(51) International classification :C07D471/04
 (31) Priority Document No :60/540,830
 (32) Priority Date :30/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/000025
 Filing Date :25/01/2005
 (87) International Publication No :WO2005/075478A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ELI LILLY AND COMPANYAddress of Applicant :Lilly Corporate Center, City of Indianapolis, Indiana
46285 U.S.A.

(72)Name of Inventor :

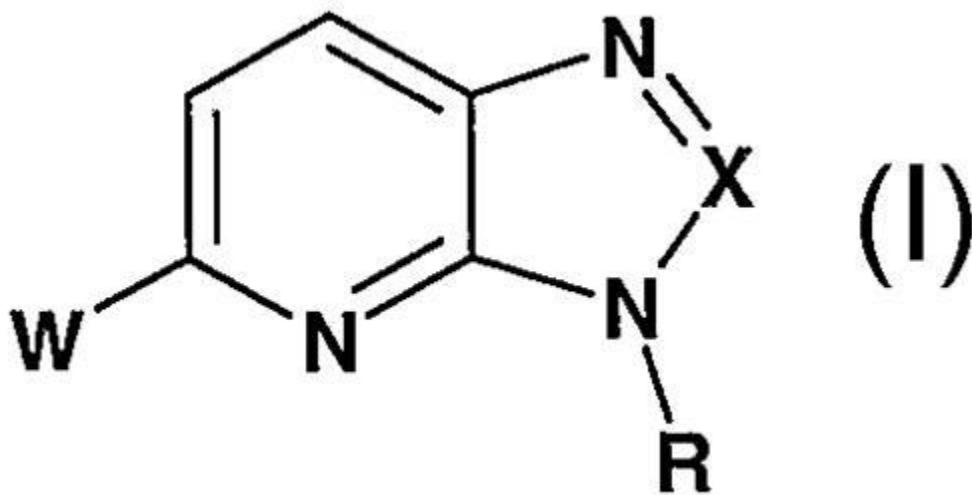
1)BONJOUKLIAN,Rosanne**2)HAMDOUCHI,Chafiq,Hamdouchi****3)SHIH,Chuan****4)DE DIOS,Alfonso****5)DEL PRADO,Miriam,Filadelfa****6)JARAMILLO AGUADO,Carlos****7)KOTTYAN,Pramila****8)MADER,Mary,Margaret****9)SELGAS,Sheila,Pleite****10)SANCHEZ-MARTINEZ,Concepcion**

No of Pages : 75

No of Claims : 11

(57) Abstract :

The present invention relates to an extended release once daily pharmaceutical formulation comprising venlafaxine hydrochloride and pharmaceutically acceptable excipients. More particularly, the present invention relates to an extended release composition in the form of mini-tablets which are incorporated in hard gelatin capsules.



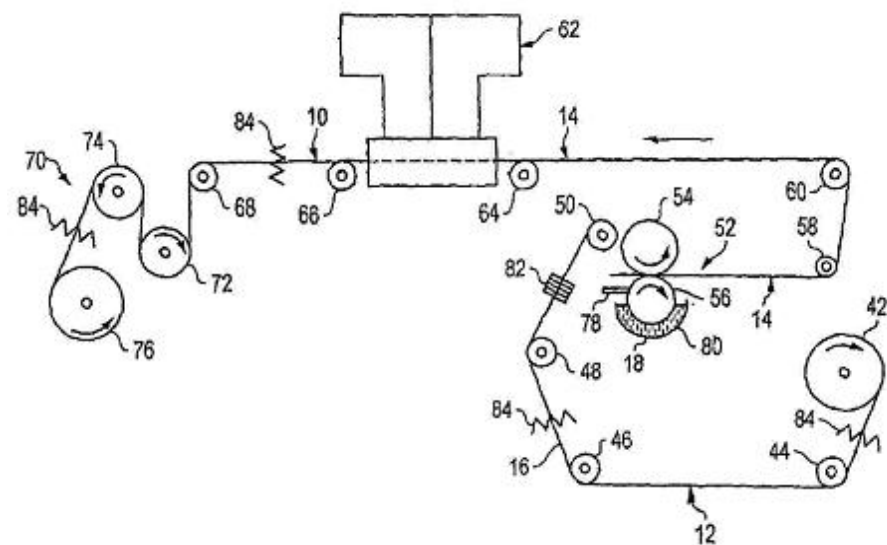
(54) Title of the invention : COATED ABRASIVE PRODUCTS AND PROCESSES FOR FORMING SAME

(51) International classification	:B24D11/00	(71) Name of Applicant : 1)SAINT-GOBAIN ABRASIVES,INC Address of Applicant :1 NEW BOND STREET BOX NUMBER 15138 WORCESTER,MA 01615-0138 U.S.A.
(31) Priority Document No	:10/809,197	
(32) Priority Date	:25/03/2004	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US05/010039	
Filing Date	:24/03/2005	(72) Name of Inventor : 1)SWEI, GWO 2)NEVORET,DAMIEN 3)YANG,WENLIANG,PATRICK 4)WEI,PAUL
(87) International Publication No	:WO2005/095060A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 34

(57) Abstract :
A coated abrasive product is disclosed, which includes a substrate and an abrasive layer overlying the substrate. The abrasive layer comprising abrasive grains and a binder, the binder being formed from a binder formulation having first and second binder components mixed together uniformly with the abrasive grains, wherein the first binder component is radiation curable and the second binder component comprises a powder and is thermally curable.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1091/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/09/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD OF FORMING A SPRAY DRIED ALUMINA CATALYST CARRIER, ALUMINA CARRIER, AND CATALYST COMPRISING IT

(51) International classification :B01J21/04
(31) Priority Document No :60/552,921
(32) Priority Date :12/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/008225
Filing Date :11/03/2005
(87) International Publication No :WO2005/089934A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAINT-GOBAIN CERAMICS & PLASTICS,INC
Address of Applicant :ONE NEW BOND STREET PO BOX NUMBER
15008 WORCESTER,MA 01615 U.S.A.
(72)**Name of Inventor :**
1)STEPHEN DAHAR
2)DOUGLAS M.KORWIN
3)SAMUEL M.KOCH
4)RALPH BAUER
5)THOMAS SZYMANSKI

No of Pages : 30

No of Claims : 30

(57) Abstract :

A method of forming a carrier material suited to use in Fischer-Tropsch reactions includes forming a dispersion of first and second hydrated alumina materials in a liquid dispersant, such as an acid solution. The first alumina can be derived from an alkali aluminate, such as is formed in the Bayer reaction. The second hydrated alumina can be derived from high purity aluminum, such as via conversion to an alkoxide. The dispersion is spray dried to form particles which are heat treated to form a carrier material having low levels of impurities

(54) Title of the invention : POLYURETHANE COATED BELTS AND ROLL COVERINGS COMPRISING NANOFILLERS

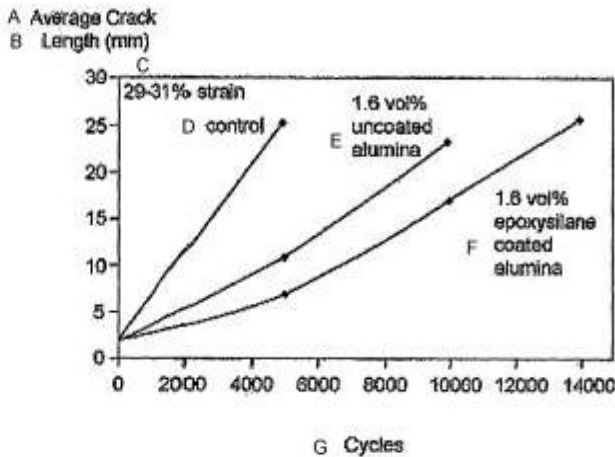
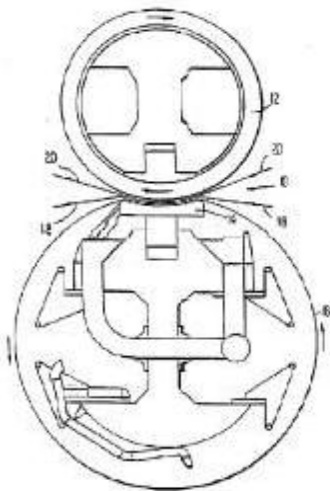
(51) International classification :C08G18/10
(31) Priority Document No :60/553,424
(32) Priority Date :16/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/008492
Filing Date :15/03/2005
(87) International Publication No :WO 2005/090429
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Albany International Corp.
Address of Applicant :1373 Broadway,Albany,New York 12204, U.S.A.
(72)Name of Inventor :
1)Cheng-Kuang LI
2)Crayton Gregory TONEY

No of Pages : 23

No of Claims : 38

(57) Abstract :
ABSTRACT The present invention relates to a urethane-based coating having nanoparticles for improving the characteristics of a papermaking process belt, roll cover and belts used in textile applications. For example, the present invention improves resistance to flex fatigue, crack propagation, groove closure and wear characteristics of urethane coatings on such belts and roll coverings. The present invention also improves the resistance to water and oil permeation characteristics of urethane coated belts and roll coverings.



(54) Title of the invention : NOVEL INDOLE DERIVATIVE FOR ALKYLATING SPECIFIC BASE SEQUENCE OF DNA AND ALKYLATING AGENT AND DRUG EACH COMPRISING THE SAME

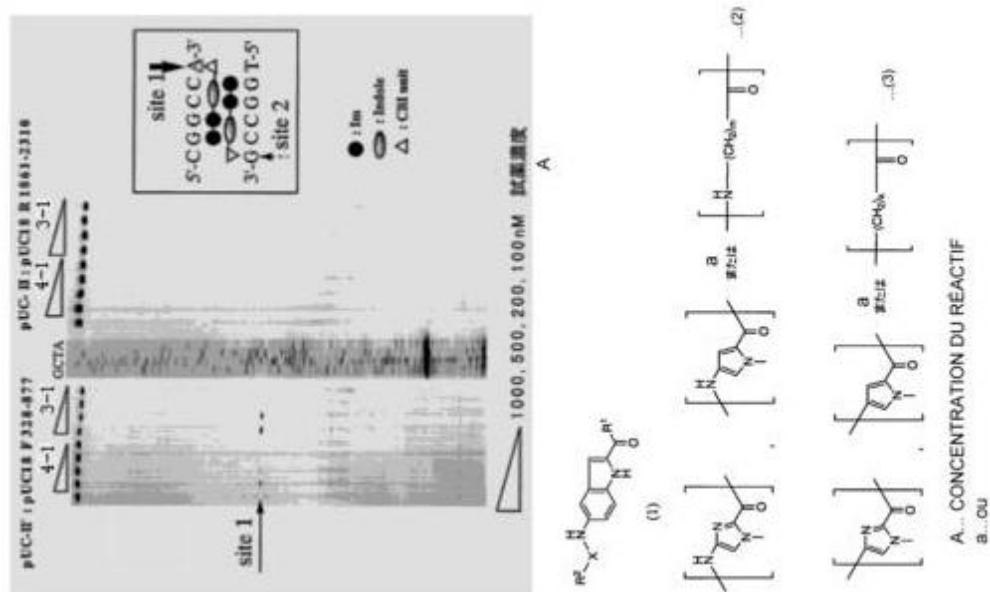
(51) International classification	:C07D 403/14	(71) Name of Applicant :	
(31) Priority Document No	:2004/114793	1)TMRC CO., LTD	
(32) Priority Date	:13/03/2004	Address of Applicant :4-3,AKASAKA 3-CHOME, MINATO-KU,	
(33) Name of priority country	:Japan	TOKYO,107-0052 Japan	
(86) International Application No	:PCT/JP05/004250	(72) Name of Inventor :	
Filing Date	:10/03/2005	1)HIROSHI SUGIYAMA	
(87) International Publication No	:WO2005/087762A1	2)TOSHIKAZU BANDO	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 29

No of Claims : 21

(57) Abstract :

A novel pyrrole-imidazole polyamide type compound for alkylating a specific base sequence of a DNA. It can be synthesized through fewer reaction steps than conventional hybrid molecules and combines high reactivity in DNA alkylation with the ability to recognize a sequence. Also provided are an alkylating agent and a molecule functioning as a drug which each comprises the compound. The novel compound is an indole derivative represented by the following general formula (1) wherein R1 represents a functional group alkylating a DNA; R2 represents hydrogen, alkyl, or acyl; and X represents either a divalent group consisting of one of the structural units represented by the following formulae (2) (wherein m is an integer of 0 to 10) or a divalent group composed of two or more identical or different structural units selected among those structural units, provided that the structural unit present at the R2-side end of the structural units may be any of the following formulae (3) (wherein k is an integer of 0 to 10).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1134/MUM/2001 A

(19) INDIA

(22) Date of filing of Application :27/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : APPARATUS FOR CONTROLLING IGNITION TIMING OF ENGINE

(51) International classification	:F02P 5/00	(71)Name of Applicant :
(31) Priority Document No	:2001-001295	1)HONDA GIKEN KOGYO KABUSHIKI KAISHA
(32) Priority Date	:09/01/2001	Address of Applicant :1-1,MINAMIAOYAMA 2-CHOME,MINATO-KU, TOKYO, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)SHINJI SAITO
Filing Date	:NA	2)MASAYA ADACHI
(87) International Publication No	: NA	3)NORIMASA HATTORI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 4

(57) Abstract :

To provide an apparatus for controlling ignition timing of an engine, capable of preventing occurrence of back fire by a simple configuration. An apparatus for controlling ignition timing of an engine, for variably controlling ignition timing of an engine in accordance with operating conditions, including: no-load deceleration state detecting means 104 for detecting that an engine is in a no-load deceleration state; engine speed detecting means 22 for detecting engine speed; an advanced timing setting unit 102 for setting an advanced ignition timing (retard amount) in environments where probability of occurrence of back fire is high (no-load deceleration state), and a converter 105 for determining an ignition angle θ_{ig} on the basis of an output pulse of a pulse generator 24 and an advance amount notified from the advanced ignition timing setting unit 102.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1136/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :19/09/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : A NOVEL PROCESS FOR DECORTICATION OF TESTA FROM SEEDS AND NUTS

(51) International classification	:B02B3/00,D01B1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GAURAV KHANDELWAL
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(72)**Name of Inventor :**
1)MALATHY VENKATESAN

No of Pages : 38

No of Claims : 18

(57) Abstract :

The present invention concerns a process for making an enzyme composition for decortication of testa from nuts and seeds, comprising converting spores of preselected microorganisms into vegetative state by growing in a nutrient medium incubating in fermentation medium and buffer solution and filtering to obtain the enzyme composition. The enzyme composition of the invention is used in a process for decortication of Testa from nuts and seeds by enzymatic method comprising spraying enzyme composition over biological material (nuts and seeds); heating and cooling the enzyme treated biological material and removing of testa from the enzyme treated biological material by slight abrasion with hand.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1138/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/09/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : READY MIX FLAVORED FILM COATING SYSTEMS

(51) International classification	:A61K 9/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2004/000515
Filing Date	:28/02/2004
(87) International Publication No	:WO 2005/0922292
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)IDEAL CURES PVT LTD
Address of Applicant :6TH FLOOR ELECON CHAMBERS ANDHERI
KURLA ROAD SAKINAKA, ANDHERI (EAST) MUMBAI - 400 072
Maharashtra India
(72)**Name of Inventor :**
1)PAREEK SURESH
2)MOHANTY ASHOK

No of Pages : 16

No of Claims : 10

(57) Abstract :

The invention comprises a preparation of a ready mix flavored composition, which when reconstituted with water /solvent gives film coatings that are flavored, so that the thin film coating on solid oral dosage forms containing unpleasant tasting ingredients, masks the bitter taste of the medicaments in the oral solid dosage forms. The flavored coating of the invention is comprised of a film - forming substances such as a hydroxy propyl methylcellulose and other polymers and a flavoring agent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1148/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :27/10/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : CRYSTALLINE HYDRATE OF HYPOGLYCEMIC AGENT

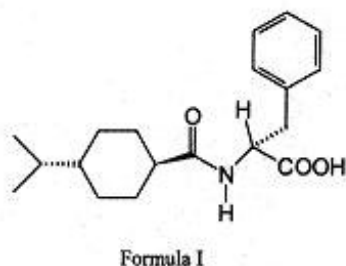
(51) International classification	:C07D213/00 A61K31/40	(71)Name of Applicant : 1)SUN PHARMACEUTICAL INDUSTRIES LTD. Address of Applicant :ACME PLAZA, ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI - 400 059, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)GANDHI MANISH HARENDRAPRASAD
(33) Name of priority country	:NA	2)YADAV ARUNKUMAR GULABSINGH
(86) International Application No	:NA	3) REHANI RAJEEV BUDHDEV
Filing Date	:NA	4)THENNATI RAJAMANNAR
(87) International Publication No	: NA	5)KATREKAR NEENA SANJAY
(61) Patent of Addition to Application Number	:NA	6)DHARMADHIKARI NITIN BHALACHANDRA
Filing Date	:NA	7)MUNGRE ASHISH PRABHAKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 6

(57) Abstract :

Crystalline hydrate of hypoglycemic agent, compound of formula I with water content of about 2 to about 7% by weight, and pharmaceutical compositions comprising the same.



(54) Title of the invention : LOSSLESS MULTI-CHANNEL AUDIO CODEC

(51) International classification	:G10L19/00
(31) Priority Document No	:60/556,183
(32) Priority Date	:25/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/009275
Filing Date	:21/03/2005
(87) International Publication No	:WO2005/098823A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

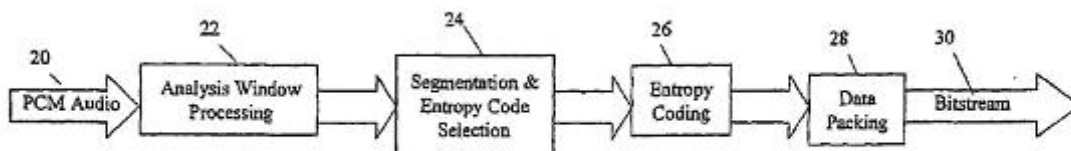
1)FEJZO,Zoran

No of Pages : 56

No of Claims : 46

(57) Abstract :

A lossless audio codec segments audio data within each frame to improve compression performance subject to a constraint that each segment must be fully decodable and less than a maximum size. For each frame, the codec selects the segment duration and coding parameters, e.g., a particular entropy coder and its parameters for each segment, that minimizes the encoded payload for the entire frame subject to the constraints. Distinct sets of coding parameters may be selected for each channel or a global set of coding parameters may be selected for all channels. Compression performance may be further enhanced by forming M/2 decorrelation channels for M-channel audio. The triplet of channels (basis, correlated, decorrelated) provides two possible pair combinations (basis, correlated, decorrelated) provides two possible pair combinations (basis, correlated) and basis, decorrelated) that can be considered during the segmentation and entropy coding optimization to further improve compression performance.



(54) Title of the invention : SYSTEMS AND PROCEDURES FOR TREATING CARDIAC ARREST

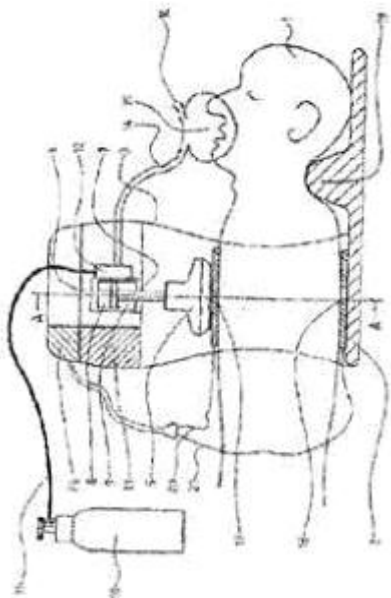
(51) International classification	:A61H31/00,A61N 1/39	(71)Name of Applicant :
(31) Priority Document No	:60/470,229	1)JOLIFE AB
(32) Priority Date	:12/05/2003	Address of Applicant :Ideon, S-22370 Lund, Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/SE2004/000712	1)STTEN, STIG
Filing Date	:11/05/2004	
(87) International Publication No	:WO 2004/112683 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 45

(57) Abstract :

An apparatus for resuscitating a person under cardiac arrest comprises a reciprocating means for mechanical cardiac stimulation; a means for electric cardiac stimulation; a means for controlling such provision of stimulation to allow electric stimulation to be provided once the time average-mean volume of blood in the right atrium at asystole or ventricular fibrillation has been reduced by 50% or more and/or 20 ml or more of blood has accumulated in the left ventricle and/or a positive coronary perfusion pressure has been obtained; a tracheal tube, facial mask or similar for adducing breathing gas; a source of compressed breathing gas; a means for controlling the pressure of the breathing gas; a means for controlling the pressure of the breathing gas provided. Also disclosed is a corresponding method of treatment, an apparatus for re-establishing circulation in a person under cardiac arrest, and a disposable tracheal tube.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1196/MUM/2001 A

(19) INDIA

(22) Date of filing of Application :20/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : ELECTROACOUSTIC WAVEGUIDE TRANSDUCING

(51) International classification	:H04R001/02
(31) Priority Document No	:09/753,167
(32) Priority Date	:02/01/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)J. RICHARD AYLWARD

No of Pages : 22

No of Claims : 29

(57) Abstract :

An acoustic waveguide system, having source of acoustic radiation and a source of opposing acoustic radiation. An acoustic waveguide has an open end and an interior. A first acoustic driver having a first radiating surface and a second radiating surface is arranged and constructed so that the first radiating surface radiates sound waves into free air and the second radiating surface radiates sound waves into the acoustic waveguide so that sound waves are radiated at the open end. A source of opposing sound waves in the acoustic waveguide opposes a predetermined spectral component of the sound waves radiated into the acoustic waveguide to reduce the acoustic radiation of the predetermined spectral component from the acoustic waveguide.

(54) Title of the invention : METHOD FOR HANDOVER OF MOBILE COMMUNICATION TERMINAL IN MIXED MOBILE COMMUNICATION NETWORK OF ASYNCHRONOUS AND SYNCHRONOUS COMMUNICATION NETWORK

(51) International classification :H04B 7/26
 (31) Priority Document No :10/2004/0016291
 (32) Priority Date :10/03/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/000682
 Filing Date :10/03/2005
 (87) International Publication No :WO 2005/086385
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

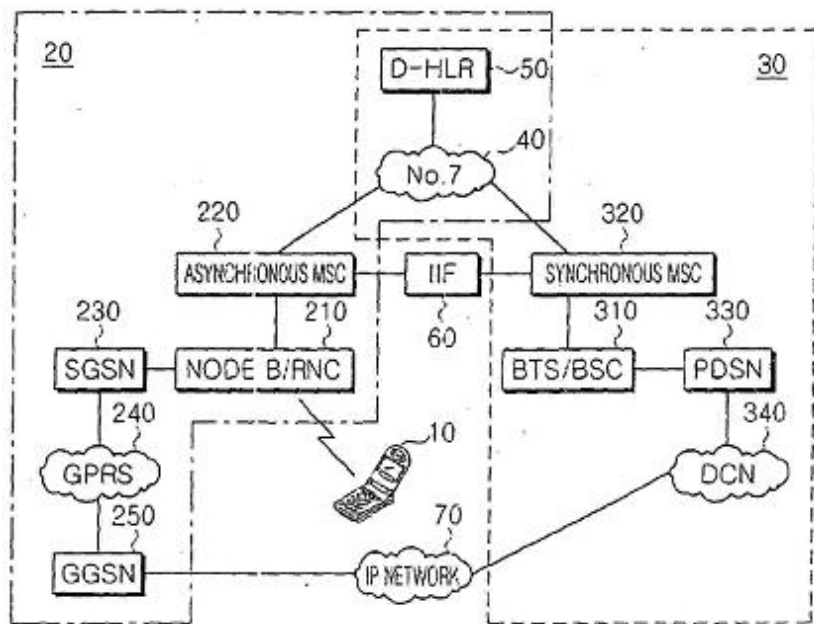
(71)Name of Applicant :
1)SK TELECOM CO.,LTD
 Address of Applicant :11,Euljiro-2ga, Jung-gu,Seoul, 100-999 Republic of Korea
 (72)Name of Inventor :
1)JU,Jae-Young
2)LEE,Sang-Yun
3)HAHM,Hee-Hyeok
4)JOOYoung-Ho
5)HAN,Kyeong-Hee

No of Pages : 47

No of Claims : 20

(57) Abstract :

Disclosed is a method for handover of a mobile communication terminal by using an Interworking Interoperability Function (HF) unit for signal exchange between asynchronous and synchronous mobile switching centers and a protocol (ISUP) for message transmission between the mobile switching centers in a hybrid mobile communication system including both an asynchronous network and synchronous network.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1206/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :27/10/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF IMIDAZOPYRIDIN-8-ONES

(51) International classification	:C07F 7/18, C07D 471/14	(71)Name of Applicant :
(31) Priority Document No	:03007663.2	1)ALTANA PHARMA AG
(32) Priority Date	:03/04/2003	Address of Applicant :BYK-GULDEN-STRASSE 2, D-78467 KONSTANZ, Germany
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP04/050414	1)Daniel Mink
Filing Date	:01/04/2004	2)Paulus Lambertus Alsters
(87) International Publication No	:WO2004/087718 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 10

(57) Abstract :

The invention relates to a process for the production of 7-(trialkyl-silanytoxy)-2,3- dimethyl-8-phenyl-8, 9dihydro-7H-1,3a, 9-triazacyclopenta[a]naphthalen-6-one and related compounds by using NBS as oxidizing agent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1215/MUM/2001 A

(19) INDIA

(22) Date of filing of Application :26/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : METER SYSTEM FOR VEHICLE

(51) International classification	:B60K37/00,37/02
(31) Priority Document No	:2001-003118
(32) Priority Date	:10/01/2001
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HONDA GIKEN KOGYO KABUSHIKI KAISHA
Address of Applicant :1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, Japan
(72)**Name of Inventor :**
1)KAZUHIKO MORI
2)HIROYUKI NAKAJIMA
3)ATSUSHI HATAYAMA
4)RIKA MIZUTA
5)HIROYUKI SHIMMURA

No of Pages : 133

No of Claims : 20

(57) Abstract :

A meter system 60 for a vehicle displays a vehicle speed during running of a vehicle 10 and switches the display content from the vehicle speed to display information different from the vehicle speed during stoppage of the vehicle 10. A stoppage state of the vehicle is classified into vehicle stoppage states corresponding to vehicle states at the time of detection of vehicle stoppage, and the display information is switched when the classified vehicle stoppage state is switched from one to another. The meter system for a vehicle can be effectively used. As a result, it is possible to improve serviceability to a driver during stoppage of the vehicle.

(54) Title of the invention : A METHOD FOR HAND-OVER BETWEEN ASYNCHRONOUS COMMUNICATION NETWORK AND SYNCHRONOUS COMMUNICATION NETWORK OF MULTI MODE MULTI BAND MOBILE COMMUNICATION TERMINAL AND MOBILE COMMUNICATION TERMINAL THEREFOR

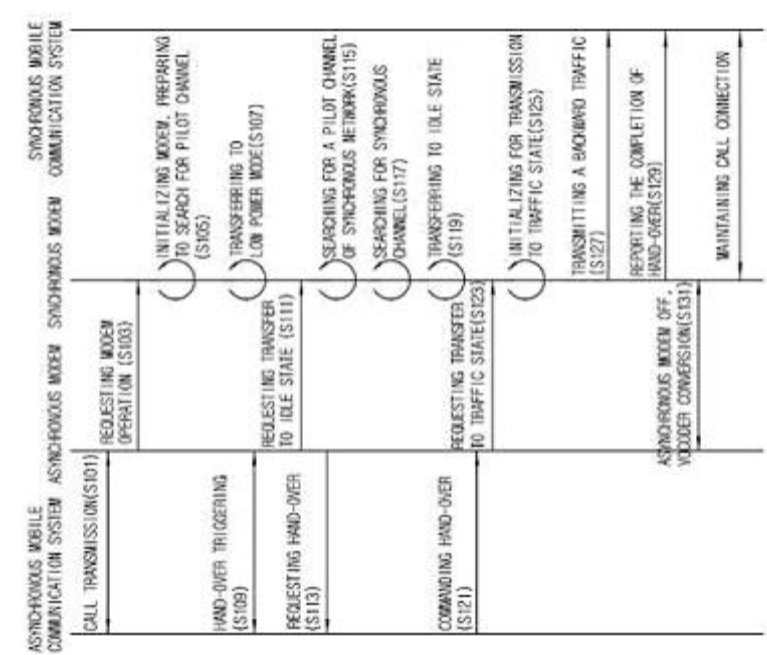
(51) International classification	:H04B 7/26	(71)Name of Applicant :
(31) Priority Document No	:10-2004-0021964	1)SK TELECOM. CO. LTD.
(32) Priority Date	:31/03/2004	Address of Applicant :11, Euljiro-2ga, Jung-gu, Seoul, 100-999, Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:PCT/KR2005/000958	1)KIM, Young-Lak
Filing Date	:31/03/2005	2)SHIN, Sung-Ho
(87) International Publication No	:WO 2006/004300	3)IHM, Jong-Tae
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 17

(57) Abstract :

Disclosed are a method for hand-over between an asynchronous communication network and a synchronous communication network of multi mode multi band mobile communication terminal and mobile communication terminal therefor to improve the hand-over connecting rate between an asynchronous communication network and a synchronous communication network in a mixed mobile communication system of an asynchronous network and a synchronous network.

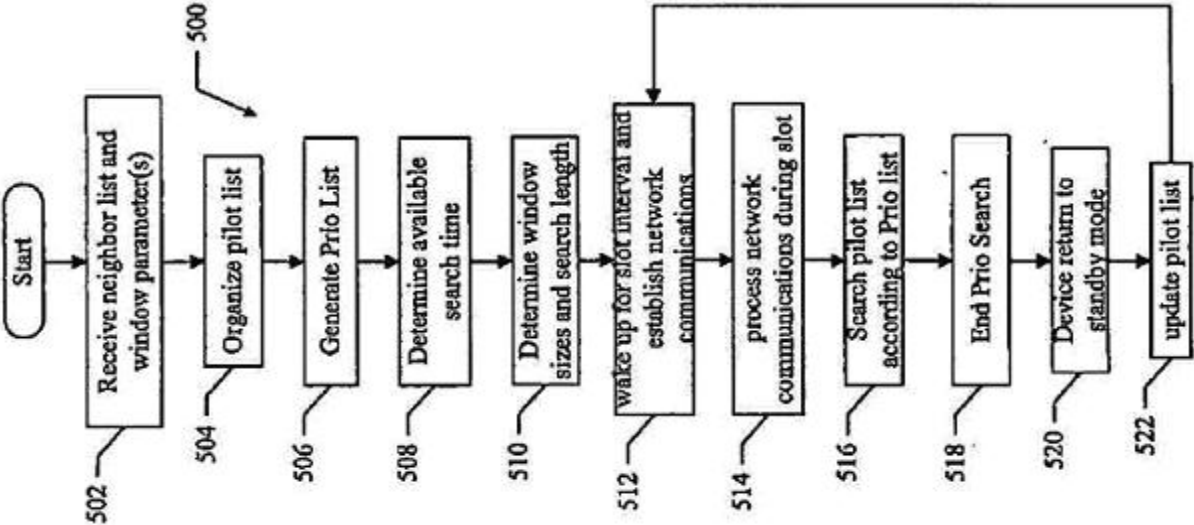


(54) Title of the invention : METHOD AND APPARATUS FOR SEARCHING A LIST OF PILOT SIGNALS

(51) International classification	:H04B1/707,H04B7/02	(71)Name of Applicant :	
(31) Priority Document No	:60/559,407	1)QUALCOMM INCORPORATED	
(32) Priority Date	:02/04/2004	Address of Applicant :5775 Morehouse Drive, San Diego, California	
(33) Name of priority country	:U.S.A.	92121-1714, U.S.A.	
(86) International Application No	:PCT/US2005/011238	(72)Name of Inventor :	
Filing Date	:04/04/2005	1)LIU, Jing	
(87) International Publication No	:WO2005/099119A2	2)TUYSSERKANI, Bijan	
(61) Patent of Addition to Application Number	:NA	3)ANDERSON, Jon James	
Filing Date	:NA	4)OTTE, Kurt	
(62) Divisional to to Application Number	:NA	5)BREHLER, Matthias	
Filing Date	:NA		

No of Pages : 36No of Claims : 36

(57) Abstract :
Methods and apparatus for searching a list of pilot signals. A method is provided for searching a list of pilot signals in a communication network. The method includes defining a prio list that indicates an order in which the list of pilot signals will be searched, obtaining a search duration, and determining an indicator that identifies a portion of the prio list that can be searched within the search duration. The method also includes performing a search of the portion of the prio list, and updating the list of pilot signals based on the results of the search



(54) Title of the invention : VEHICLE BAR HANDLE SWITCH STRUCTRE

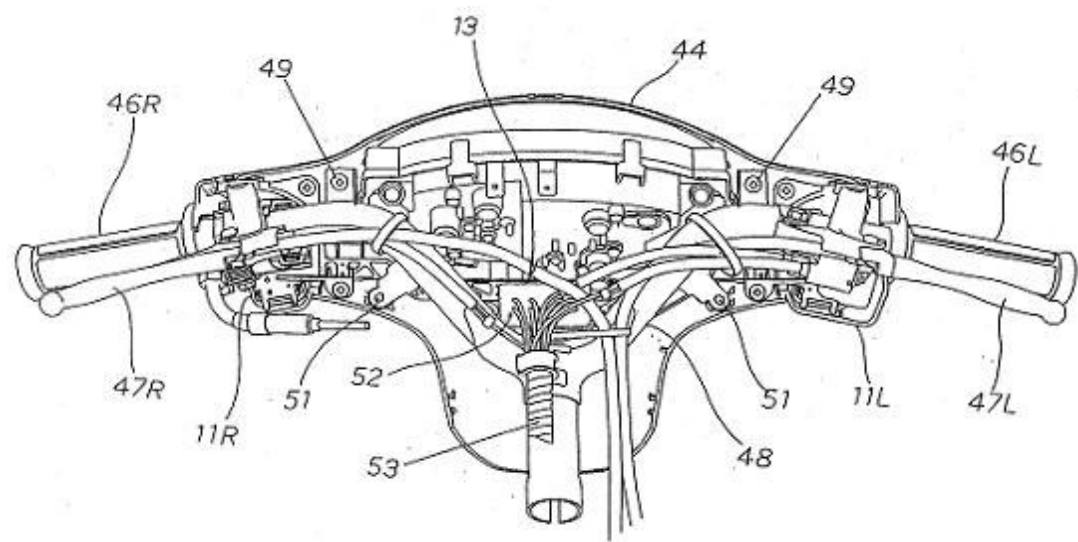
(51) International classification	:B62J6/16	(71)Name of Applicant :
(31) Priority Document No	:2001-012421	1)HONDA GIKEN KOGYO KABUSHIKI KAISHA
(32) Priority Date	:19/01/2001	Address of Applicant :AT 1-1, MINAMIAOYAMA 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO, Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NOBUAKI KOMURO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 3

(57) Abstract :

A vehicle bas handle switch structure constructed in such a manner that a vehicle bar handle is covered with a handle cover, and a left and a right switch cases provided with various switches are provided independently of the handle cover, characterized in that the left and the right switch cases are connected by a bridge portion integrally formed with the switch case, and the switch case is provided on the left and right of the handle cover with the switch cases visually exposed so that the bridge portion is covered with the handle cover.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1220/MUM/2003 A

(19) INDIA

(22) Date of filing of Application :25/11/2003

(43) Publication Date : 20/04/2007

(54) Title of the invention : A WATER INLET PIPE WITH DIVERTER

(51) International classification	:F61K 11/00	(71) Name of Applicant : 1)VELMOR HOME DECOR PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :DAYASAGAR INDUSTRIAL ESTATE,
(32) Priority Date	:NA	GODDEV ROAD, BHAYANDER (E) THANE-401 105, Maharashtra India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)HEMANT SHAH
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 6

No of Claims : 2

(57) Abstract :

There is provided a water inlet pipe (1) with a support (2) and a ceramic disc cartridge (3) which is mounted by threads with an on - off knob (4) and held by a lock knob (5), said on - off knob moves in a circular manner wherein the water path has not been changed for diversions.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1228/MUM/2001 A

(19) INDIA

(22) Date of filing of Application :31/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : RECOVERY OF HFC-32

(51) International classification

(31) Priority Document No

(32) Priority Date

(33) Name of priority country

(86) International Application No

Filing Date

(87) International Publication No

(61) Patent of Addition to Application Number

Filing Date

(62) Divisional to to Application Number

Filing Date

:C07C17/38,

C07C19/08

:09/841,909

:25/04/2001

:U.S.A.

:NA

:NA

: NA

:NA

:NA

:NA

:NA

:NA

(71)Name of Applicant :

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Address of Applicant :2000 MARKET STREET, PHILADELPHIA,

PENNSYLVANIA 19103-3222, U.S.A.

(72)Name of Inventor :

1)JOHN A. WISMER

No of Pages : 6

No of Claims : 4

(57) Abstract :

The present invention relates to a process for isolating difluoromethane (HFC-32) from a crude mixture containing HCl and an azeotropic mixture of HFC-32 and HF is provided without the need to isolate any HF azeotrope.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1241/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :07/11/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : STICK COMPOSITION

(51) International classification	:A61K 7/32
(31) Priority Document No	:0310767.9
(32) Priority Date	:10/05/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2004/004507
Filing Date	:28/04/2004
(87) International Publication No	:WO 2004/098551
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
Address of Applicant :HINDUSTAN LEVER HOUSE ,165/166
BACKBAY RECLAMATION,MUMBAI-400 020, Maharashtra India

(72)**Name of Inventor :**
1)EMSLIE BRUCE STEVEN
2)FRANKLIN KEVIN RONALD
3)CROPPER MARTIN PETER

No of Pages : 75

No of Claims : 74

(57) Abstract :

Cosmetic stick compositions in the form of emulsions comprising a combination of amido structurants comprising in class (i) an N-acylaminoacid amide in which the N-acyl substituent has the formula -CO-RX in which RX represents a branched C6 to C11 alkyl group in combination with a further amido structurant, (class (ii), including a polyamido-substituted cyclohexane, an amido derivative of di or tricarboxylic acids or an hydroxy-stearamide and particularly employing an N-acylaminoacid amide in which the N-acyl substituent contains a linear alkyl group, or a cyclodipeptide.

(54) Title of the invention : METHOD AND SYSTEM FOR DEVICE DISCOVERY

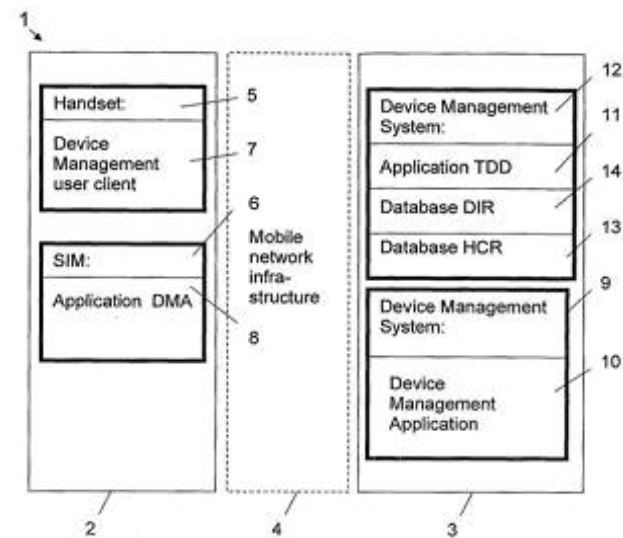
(51) International classification :H04Q 7/38 (31) Priority Document No :0401242-3 (32) Priority Date :11/05/2004 (33) Name of priority country :Sweden (86) International Application No :PCT/SE2005/000672 Filing Date :09/05/2005 (87) International Publication No :WO2005/109947A1 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA		(71)Name of Applicant : 1)SMARTTRUST AB Address of Applicant :471 54, S-100 74, Stockholm Sweden (72)Name of Inventor : 1)SVENSSON,BrittMari

No of Pages : 24

No of Claims : 31

(57) Abstract :

In the method of the invention new devices are discovered in a device management system in a mobile telecommunication network. The system comprises a device management server side application and a device management client side application and databases. The method is mainly characterized by the combined steps of detecting a new device active in the mobile network, detecting information of handset capabilities of said device, downloading of update information to said device on the basis of the terminal capabilities of said new device, and alerting said device to connect to the device management server in order to start a device management session. The device management system of the invention is mainly characterized by a component for detection of new devices active in the mobile network, a database implementing a device identity repository, a database implementing a repository of handset capabilities, a component for downloading update information to devices in the network, and a component for server initiated management alert.



(54) Title of the invention : DEVICE FOR THE ANALOG/DIGITAL CONVERSION OF A MEASURING VOLTAGE

(51) International classification :H03M1/52
 (31) Priority Document No :102004023145.1
 (32) Priority Date :07/05/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP05/052060
 Filing Date :04/05/2005
 (87) International Publication No :WO2005/112268A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

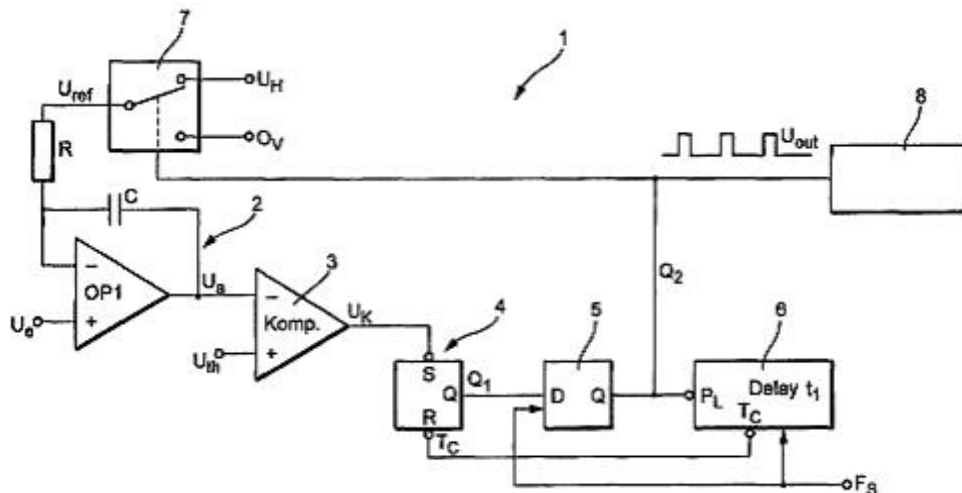
(71)Name of Applicant :
1)ENDRESS+HAUSER WETZER GMBH+CO. KG
 Address of Applicant :OBERE WANK 41, 87484 NESSELWANG,
 Germany
 (72)Name of Inventor :
1)HARLE THOMAS
2)KONRAD STEFAN

No of Pages : 18

No of Claims : 11

(57) Abstract :

The invention relates to an apparatus for the analog/digital conversion of a measurement voltage (U_e) with an analog/digital converter (1), which has an integrating component (2) with an operational amplifier (OP1), a resistor (R) and a capacitor (C) in a feedback loop, wherein a reference voltage (U_{ref}) is applied to the inverting input of the operational amplifier (OP1) and wherein the measurement voltage (U_e) is applied to the non-inverting input of the operational amplifier (OP1), wherein the capacitor (C) is charged during a charging phase of time length (t_1) and discharged during a discharging phase of time length (t_2), wherein the analog/digital converter (1) further includes a comparator connected downstream from the operational amplifier (OP1), a memory element (4) connected downstream from the comparator (3), a time generator (6) producing the charging time (t_1) and a counter (8), wherein the counter (8) detects the edges, or the period length ($T=t_1+t_2$) of the pulsewidth modulated output signal (U_{out}) provided by the A/D converter (1) on the output, and wherein a synchronizing element (5) is provided, which synchronizes the edges of the pulse-width modulated, output signal with the clock pulse of the counter (8) at least within a predetermined measurement duration (X).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1301/MUM/2003 A

(19) INDIA

(22) Date of filing of Application :22/12/2003

(43) Publication Date : 20/04/2007

(54) Title of the invention : GASTRORETENTIVE SYSTEMS AND NOVEL PHARMACEUTICAL COMPOSITIONS THEREOF

(51) International classification	:A61K31/724,47/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MANGAL SHAILESH NAGARSENKER
Address of Applicant :19, Kaupineshwar, Mithbandar Road, Chendani,
Thane(East)-400 603, Maharashtra India
(72)**Name of Inventor :**
1)NAGARSENKER, MANGAL SHAILESH
2)MUKNE, ALKA PRAVIN
3)PHADKE, SWATI SUDHIR

No of Pages : 32

No of Claims : 0

(57) Abstract :

The present invention discloses gastro retentive systems and novel pharmaceutical compositions comprising hydroxypropyl betacyclodextrin and hydroxypropyl methyl cellulose; at least one active ingredient; and other excipients. The abovementioned systems and compositions float on gastric fluid after ingestion resulting in better bioavailability of poorly soluble drugs with absorption window in the upper gastrointestinal tract, poorly soluble weakly basic drugs and drugs and enzymes required for local action in the stomach. More particularly, the present invention relates to the process of formulation comprising mixing of ingredients followed by tableting without the intermediate granulation step.

(54) Title of the invention : SYNCHRONIZATION DETECTION METHODS AND APPARATUS

(51) International classification :H04B7/005
 (31) Priority Document No :10/839,926
 (32) Priority Date :06/05/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP2005/004575
 Filing Date :28/04/2005
 (87) International Publication No :WO 2005/109671
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

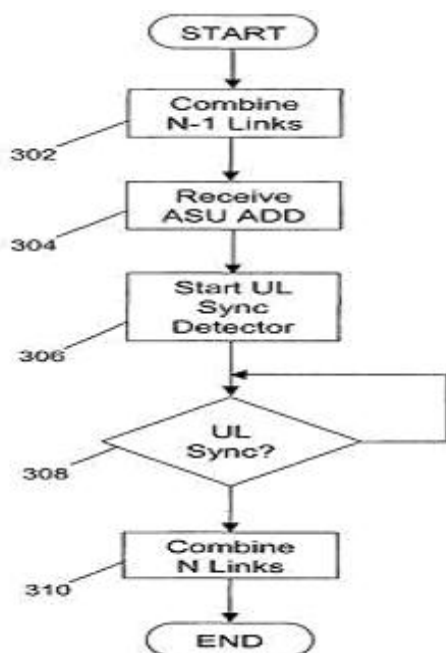
(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET L M ERICSSON(publ)
 Address of Applicant :SE-164 83 Stockholm, Sweden
 (72)Name of Inventor :
1)LINDOFF, Bengt
2)BERNHARDSSON, Bo

No of Pages : 26

No of Claims : 24

(57) Abstract :

Methods and apparatus for determining when uplink synchronization has been achieved when entering or adding a link in soft handover to a new node in a communication system. Transmit power control (TPC) commands from the new link are not included in a TPC command combination until an uplink synchronization detector determines that synchronization has been achieved. Since in many communication systems, a pattern of TPC commands is transmitted on the new downlink as long as the new node's uplink is not synchronized, the uplink synchronization detector can determine whether synchronization has been achieved by determining whether the TPC command pattern is present in the new downlink. In this way, the UL synchronization detector reduces the occurrence and magnitude of unwanted peaks and dips in uplink transmitted power.



(54) Title of the invention : RITONAVIR ANALOGOUS COMPOUND USEFUL AS RETROVIRAL PROTEASE INHIBITOR, PREPARATION OF THE RITONAVIR ANALOGOUS COMPOUND AND PHARMACEUTICAL COMPOSITION FOR THE RITONAVIR ANALOGOUS COMPOUND

(51) International classification :C07D277/24
 (31) Priority Document No :PI0401742-0
 (32) Priority Date :13/05/2004
 (33) Name of priority country :Brazil
 (86) International Application No :PCT/BR2005/000077
 Filing Date :11/05/2005
 (87) International Publication No :WO2005/111006A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

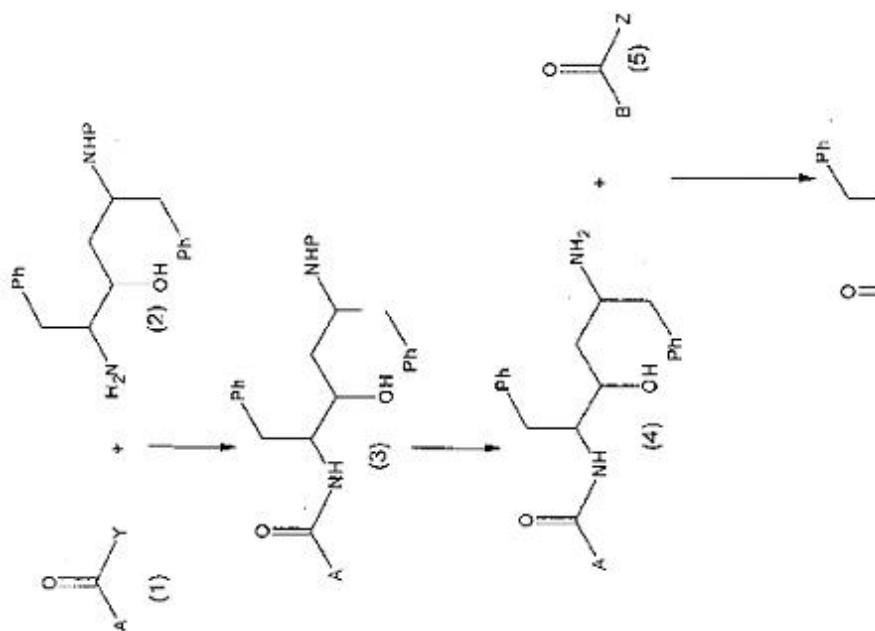
(71)Name of Applicant :
1)CRISTALIA PRODUTOS QUIMICOS FARMACEUTICOS LTDA
 Address of Applicant :AV. PAOLETTI, 363, 13974-970 ITAPIRA Brazil
 (72)Name of Inventor :
1)BOCKELMANN, Maria Alice
2)ROSATTO, Simone Soares
3)FUZETO, Claudio Roberto
4)VERNUCCI, Thiago Boscaro
5)BAREL, Daniela Cecilia
6)OLIVEIRA, Kesley Moraes Godinho de
7)FREITAS, Matheus Puggina de

No of Pages : 31

No of Claims : 10

(57) Abstract :

The present invention describes a new one ritonavir analogous compound that presents significantly superior activity in inhibition of HIV protease. There are also described the usage of the ritonavir analogous compound of the present invention or salt, ester or prodrug thereof as well as the usage of the compound and its pharmaceutical compositions in medicine, particularly, in the treatment of HIV infection, by itself or in combination with others anti-HIV drugs.



(54) Title of the invention : EXTENDED DYNAMIC RESOURCE ALLOCATION FOR PACKET DATA TRANSFER

(51) International classification :H04Q7/38
 (31) Priority Document No :0314093.6
 (32) Priority Date :18/06/2003
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/JP2004/002304
 Filing Date :26/02/2004
 (87) International Publication No :WO 2004/114709
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

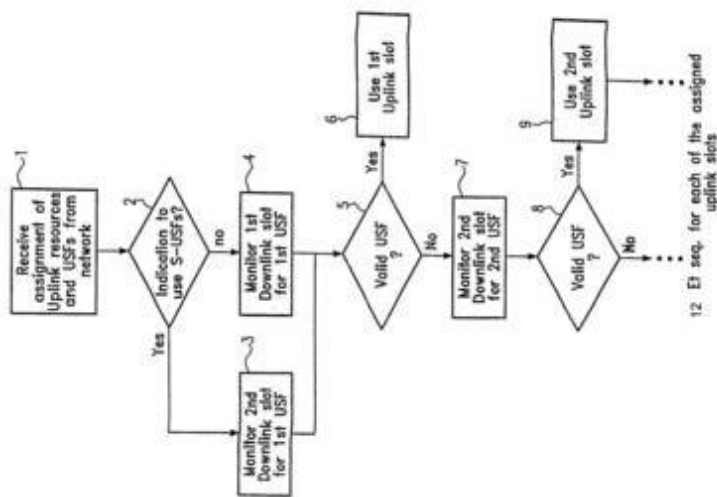
(71)Name of Applicant :
1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD
 Address of Applicant :1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan
 (72)Name of Inventor :
1)Timothy, Giles BEARD
2)David Edward COOPER

No of Pages : 31

No of Claims : 61

(57) Abstract :

A method for control of packet data transmissions in a TDMA wireless network to provide for additional choices in the allocation of communication channels. The fixed relationship in the timing of the downlink allocation signaling and subsequent uplink transmission is altered for certain classes of mobile station to avoid physical constraints. Examples of variations in USF signaling in GPRS are given.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.157/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :11/02/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : AN IMPROVED PRESSURE GUAGE

(51) International classification	:G01L19/00	(71) Name of Applicant :
	G01L1/00	1)WAAREE INSTRUMENTS LTD.
(31) Priority Document No	:NA	Address of Applicant :36, DAMJI SHAMJI INDUSTRIAL COMPLEX,
(32) Priority Date	:NA	OFF, MAHAKALI CAVES ROAD, ANDHERI (EAST), MUMBAI
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)HITESH CHIMANLAL DOSHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 7

No of Claims : 2

(57) Abstract :

An improved pressure guage (1) consisting of a circular dial (2) having a fornt surface caliberated dial (3) against which a pointer (4) moves due to the pressure exerted on the spindle (5) housed in the socket (6); said spindle exert pressure on a spirally coiled spring (7) which releases the force for the movement of the pointer. A top cover (8) to read the dial directly, at the back there is provided a back cover (9) which is welded directly to the dial in between the socket as well as the coil spring there is a liquid / semi-solid dampening material (10) so as to absorbs the vibration / shock to give the accurate reading of the instrument.

(54) Title of the invention : LIGHT GUIDE FOR DENTISTRY APPLICATIONS

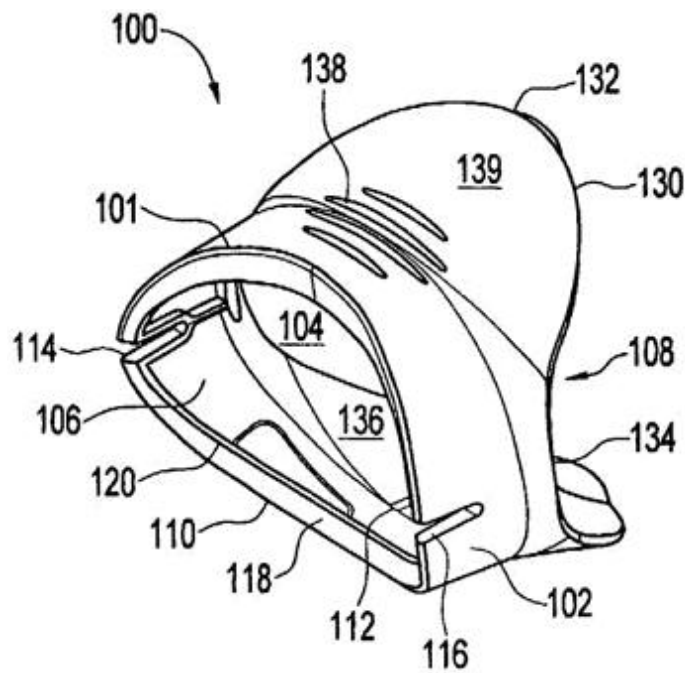
(51) International classification :A61C1/00 (31) Priority Document No :60/585,224 (32) Priority Date :02/07/2004 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2005/023602 Filing Date :30/06/2005 (87) International Publication No :WO2006/014370A2 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)Discus Dental Impressions, Inc Address of Applicant :8550 Higuera Street, Culver City, California 90232 U.S.A. (72)Name of Inventor : 1)ROSE, ERIC, P 2)HAYMAN ROBERT 3)KARTEN STUART 4)SCHROEDER DENNIS

No of Pages : 61

No of Claims : 27

(57) Abstract :

The present invention relates to a light guide for a lamp for dentistry procedures. The light guide provides an optical channel between a light source and a dental substrate. The light guide may be a one-patient use light guide including a recording medium to record the time used. The light guide further provides protection for a patient's soft tissues during treatment.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.189/MUM/2001 A

(19) INDIA

(22) Date of filing of Application :22/02/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : RECORDING MEDIUM, RECORDING APPARATUS, AND READING APPARATUS

(51) International classification	:G11B20/12	(71) Name of Applicant :
(31) Priority Document No	:P2000-054411	1)SONY CORPORATION
(32) Priority Date	:25/02/2000	Address of Applicant :7-35, KITASHINAGAWA 6-CHOME,
(33) Name of priority country	:Japan	SHINAGAWA-KU, TOKYO, Japan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MICHIIHIKO IIDA
(87) International Publication No	: NA	2)KUNIIHIKO MIYAKE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 119

No of Claims : 33

(57) Abstract :

In a recording medium, the physical characteristic information of the recording medium, and more specifically, the configuration (shape and size) and the moment of inertia of the disc, is recorded. This enables a recording apparatus or a reading apparatus to easily and correctly determine the physical characteristics of the disc, and thus to perform suitable settings for the recording or reading operation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.212/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :23/02/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : PROCESS FOR PRODUCING(S)-(-)-AMLODIPINE OF HIGH OPTICAL PURITY AND ITS PHARMACEUTICALLY USEFUL SALTS

(51) International classification	:C07D211/90	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EMCURE PHARMACEUTICALS LTD
(32) Priority Date	:NA	Address of Applicant :Emcure House, T-184,M.I.D.C.,Bhosari, Pune 411
(33) Name of priority country	:NA	026, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MEHTA SATISH RAMANLAL
(87) International Publication No	: NA	2)JOSHI MANJUSHA
(61) Patent of Addition to Application Number	:NA	3)PIMPLE SHRIKANT
Filing Date	:NA	4)GAT GANESH
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 11

(57) Abstract :

A process for the preparation of chirally pure(S)-amlodipine salts,which comprises the steps of (i)adding firstly 0.25 to 0.3 molar equivalent of L-(+)-tartaric acid into the solution of (RS)-amlodipine in an aprotic solvent (ii)filtering the solution obtained of (R)-amlodipine-L-(+)-hemi-tartrate-aprotic solvent-solvate leaving behind a mother liquor;(iii)adding 0.20 to 0.249 molar equivalent of L-(+)-tartaric acid to the liquor to precipitate(S)-amlodipine-L-(+)-hemi-tartrate aprotic solvent-solute;(iv)filtering the said (S)-amlodipine-L-(+)-hemi-tartrate-solute;(v)isolating(S)-amolodipine-L-(+)-hemi-tartrate by crystallization of the said solute using an alcoholic solvent and (vi)converting the isolated solute obtained from step (v)to optionally a pharmaceutically acceptable (S)-amlodipine or its salt.

(54) Title of the invention : SYSTEM AND METHOD FOR OPTIMIZED TEST AND CONFIGURATION THROUGHPUT OF ELECTRONIC CIRCUITS

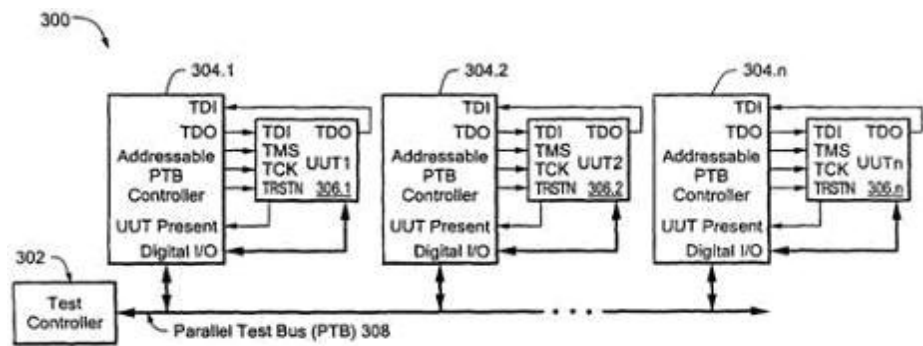
(51) International classification :G01R31/00 (31) Priority Document No :60/489,312 (32) Priority Date :23/07/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2004/023609 Filing Date :22/07/2004 (87) International Publication No :WO2005/011344A3 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)INTELLITECH CORPORATION Address of Applicant :70, Main Street, Durham, NH 03824 U.S.A. (72)Name of Inventor : 1)CLARK, Christopher, J 2)RICCHETTI Michael

No of Pages : 46

No of Claims : 7

(57) Abstract :

A System and method for maximizing the throughput of test and configuration in the manufacture of electronic circuits and systems. The system employs a tester having a flexible parallel test architecture (300) with expandable resources that can accomodate a selected number of units under test or UUTs (304.1, 304.2, 304.n). The parallel test architecture is configurable to accept separate banks or partitions (514A, 514B) of UUTs, thereby enabling the system to obtain an optimal or maximum achievable throughput of test and configuration for the UUTs. The system determines an optimal or maximum achievable throughput by calculating a desired number N of UUTs to be tested/configured in parallel. Testing or configuring this desired number of UUTs in parallel allows the handling time to be balanced with the test and configuration times, thereby resulting in the maximum achievable throughput.



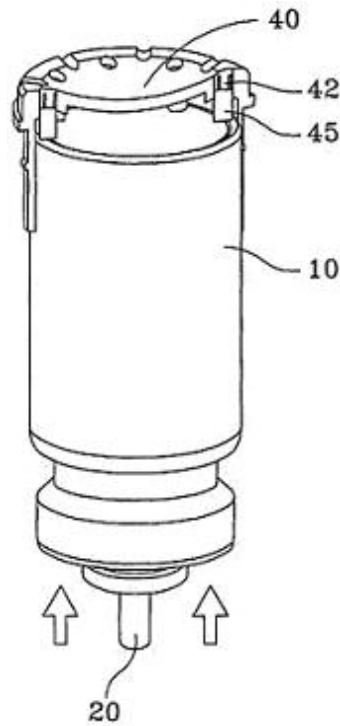
(54) Title of the invention : AN IMPROVED FLUID DISPENSER DEVICE

(51) International classification	:A61M 15/00	(71)Name of Applicant :
(31) Priority Document No	:00/11009	1)VALOIS S.A.
(32) Priority Date	:29/08/2000	Address of Applicant :BOITE POSTALE G, PRIEURE, F-27110 LE
(33) Name of priority country	:France	NEUBOURG, France
(86) International Application No	:PCT/FR01/02682	(72)Name of Inventor :
Filing Date	:28/08/2001	1)PASCAL BRUNA
(87) International Publication No	:WO 02/17999	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 7

(57) Abstract :
The invention concerns a fluid product dispenser comprising a product reservoir (10), a dispensing member (20) such as a metering valve mounted on said reservoir (10), said reservoir (10) and valve (20) being assembled in a body (30) integrating a dispensing orifice (31). The invention is characterised in that the device comprises an adjusting element (40) arranged between the reservoir (10) and the body (30), said adjusting element (40) comprising mobile and/or deformable adapting means (45) which co-operate with the body (30) and/or the reservoir (10) when the reservoir (10) is assembled in the body (30), thereby compensating the manufacturing tolerances of said body (30) and/or said reservoir and/or said dispensing member (20).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.241/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :02/03/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : GAS DETECTION METHOD AND GAS DETECTOR DEVICE

(51) International classification	:G01N21/35
(31) Priority Document No	:60/502,282
(32) Priority Date	:12/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP04/008584
Filing Date	:30/07/2004
(87) International Publication No	:WO2005/026705
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)IR MICROSYSTEMS SA
Address of Applicant :PSE-C CH-1015 LAUSANNE Switzerland
(72)**Name of Inventor :**
1)Willing Bert
2)Kohil Markus
3)Seifert Andreas

No of Pages : 24

No of Claims : 10

(57) Abstract :

The gas detector device comprises at least a VCSEL source (34, 36) and at least a light sensor (54, 56) for detecting a light beam (50, 52) having passed through a sample chamber (48) containing a given gas to be detected. The sensor is a photodiode in a first embodiment and its detection signal is time derivated by an electronic derivator (64) and then provided to two lock-in amplifiers (84, 86) in order to generate a F-detection and a 2F-detection, F being the frequency of a wavelength modulation of the source, and thus to provide two corresponding measuring signals the division of which gives a precise value of the gas concentration. In a second embodiment, the source is a pyroelectric sensor which directly provides a detection signal proportional to the time derivate of the light beam incident on this sensor. In this last case, the electronic derivator is thus eliminated.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.261/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :10/03/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : A NEEM OIL BASED WOUND HEALING OINTMENT OR CREAM

(51) International classification	:A 61K9/06, A61K35/78	(71)Name of Applicant : 1)GODREJ AGROVET LIMITED Address of Applicant :PIROJSHANAGAR, EASTERN EXPRESS HIGHWAY, VIKROLI (EAST), MUMBAI - 400 079, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)IYER RAMASWAMY
(33) Name of priority country	:NA	2)DR VYAS BRAHMANAND AMBASHANKAR
(86) International Application No	:NA	3)DR. MISTRY KEKI BAMANSHAW
Filing Date	:NA	4)GODREJ NADIR BURJOR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 3

(57) Abstract :

A neem oil based wound healing ointment or cream comprising 10 to 20% by weight of neem oil, 1.5 to 3.0% by weight of zinc oxide, 0.5 to 2.0% by weight of salicylic acid, 0.5 to 2.0% by weight of potassium nitrate, 5 - 15% by weight of linseed oil and 55 to 80% by weight of additive base.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.263/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :10/03/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : AN ANALOG TO DIGITAL CONVERTER (ADC) CIRCUIT MORE PARTICULARLY TO FLASH ANALOG TO DIGITAL CONVERTER

(51) International classification	:H03M1/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VIJAY TULSHIRAM INGOLE,
(32) Priority Date	:NA	Address of Applicant :104, Ganediwal Layout, Camp, Amravati-444602,
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	2)PARITOSH VIJAY INGOLE
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)INGOLE VIJAY TULSHIRAM
(61) Patent of Addition to Application Number	:NA	2)INGOLE PARITOSH VIJAY
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 36

No of Claims : 10

(57) Abstract :

This invention relates to a quasi-flash charge transfer analog to digital converter having a multiple bit parallel output arranged in more significant to less significant bits, a plurality of bit cell arranged to form most significant to least significant cell, comprising means for providing an analog input voltage signal as a parallel input to each of a plurality of replicated parallel converter stages as bit cell, such bit cell comprises a source having its bit dependent binary weighted voltage source as bit reference voltage or BRV; any adjacent lower significant bit has half the value of the said BRV whereas the adjacent more significant bit cell has twice of the said BRV, a single pole single throw analog switch, (SPST) for a transferring the charge of the said BRV to be stored on a charge transfer capacitor (CTC) generally during synchronizing operation through a common synchronizing control signal comprising a high stat, conversion control mode, and low state, transfer control mode of the voltage for some time duration cycle; said plurality of converter stages further being configured to carry out conversion of the analog input signal to a plurality of parallel digital output bits from the said comparators of the said converter simultaneously in a quasi-flash manner and further providing generated quantized output from the significant bit cell simultaneously.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.264/BOM/1999 A

(19) INDIA

(22) Date of filing of Application :08/04/1999

(43) Publication Date : 20/04/2007

(54) Title of the invention : HOWAZAT CRICKET BOARD GAME

(51) International classification	:A63F3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HOWAZAT PVT. LTD
(32) Priority Date	:NA	Address of Applicant :70/2 ANANDA RAJAKARUNA MAWATHA
(33) Name of priority country	:NA	COLOMBO 10, Sri Lanka
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AJITH G. PERERA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 3

(57) Abstract :

A game based on the games of cricket but played by 2, 3 or 4 players with a board, dice and cards. The board as shown in Annexe 1, the six sided dice containing numerals 0, 1, 2, 3, 4 and 6 and the cards as described herein on pages 5 and 6 and shown in Annexe 2,3 and 4. These aparata are used by the participants in accordance with the rules stated above which include the provisions that two, three of four players throw the dice in a sequence governed by the sequence of events in the game and by the results in the preceding throws.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.266/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :11/03/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : AN ASPHALT SEALED, PASTE TYPE PAPER JACKETED LEAK PROOF DRY CELL

(51) International classification	:H01M2/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MATSUSHITA LAKHANPAL BATTERY INDIA LTD.
Address of Applicant :G.I.D.C., Makarpura, vadodara- 390 010. Gujarat
India
(72)**Name of Inventor :**
1)KHURANA SURENDRA KUMAR
2)JOSHI KAUSTUBH SHRIKANT
3)SHAH JIGNESH KANCHANLAL
4) SHARMA DILIP RAJENDRA KUMAR

No of Pages : 7

No of Claims : 3

(57) Abstract :

An asphalt sealed paste type paper jacketed leak proof dry cell comprises of asphalt sealing above the depolariser mix and an additional duplex board paper component is placed on the top of the zinc can. The entire assembly is then encased by the heat shrunk PVC sleeve prior to encasing into paper jacket having crimping of open ends of paper jacket and flange of suitably designed metal plates locking the periphery at top and bottom for leak proof sealing.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.274/BOM/1999 A

(19) INDIA

(22) Date of filing of Application :15/04/1999

(43) Publication Date : 20/04/2007

(54) Title of the invention : MINERAL CALLED DIATOMACEOUS EARTH WHICH CAN BE USED AS AN INSECTICIDE, (PESTICIDE) AND ALSO FOR PRESERVATION OF FOOD GRAINS

(51) International classification	:C09C1/30	(71) Name of Applicant :
(31) Priority Document No	:NA	1)KISHORE MEHTA
(32) Priority Date	:NA	Address of Applicant :13, SHRI NIKETAN, 2ND MARINE CROSS
(33) Name of priority country	:NA	LANE, OPP. CHURCHGATE, MUMBAI-400 020. Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KISHORE MEHTA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 5

No of Claims : 4

(57) Abstract :

The invention relates to a mineral called Diatomaceous Earth having silica and other ingredients can be used as an insecticide and for preserving food grain which is prepared by:- Purifying and filtering the Diatomaceous Earth without moisture which contains silica and other ingredicants which can be used as insecticide (Pesticide) and for preservation of food grains which is not harmful to human beings and animals.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.283/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :05/03/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : LONG ACTING INSECT REPELLENT DEVICE

(51) International classification	:B60J1/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GODREJ SARALEE LIMITED
(32) Priority Date	:NA	Address of Applicant :PIROJSHANAGAR, EASTERN EXPRESS
(33) Name of priority country	:NA	HIGHWAY, VIKHROLI, MUMBAI- 400 079 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PUTHUCODE RAMA IYER KASI VISWANATHAN
(87) International Publication No	: NA	2)SEMBIAN CHANDRASEKARAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 29

(57) Abstract :

The present invention discloses the long acting volatile device comprising a solid substrate impregnated with vaporizable substance such as insect control agents, insecticide, insect repellents, disinfectants, air fresheners, deodorizers and combinations thereof wherein the solid substrate has a base metal layer attach by means of adhesives for transmitting heat to a solid substrate and a top release rate modulator layer extending along the sides to cover a solid substrate and a top release rate modulator layer extending along the sides to cover the solid substrate and said insect repellent device releases the insect repellent active more uniformly through the release rate modular over the long duration when placed on the release device for efficiently killing/repelling flying insects.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.29/MUMNP/2004 A

(19) INDIA

(22) Date of filing of Application :12/01/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : FOOD COMPOSITION

(51) International classification	:A23L 1/30
(31) Priority Document No	:98204419.0
(32) Priority Date	:22/12/1998
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP99/08309
Filing Date	:27/10/1999
(87) International Publication No	:WO 00/36935
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
Address of Applicant :HINDUSTAN LEVER HOUSE 165-166
BACKBAY RECLAMATION, MUMBAI -400 020 Maharashtra India
(72)**Name of Inventor :**
1)DE BOER BERNARDUS
2)VAN AMERONGEN MARNIX

No of Pages : 16

No of Claims : 14

(57) Abstract :

The invention relates to an edible composition containing both (plant) sterols (and/or sterol-containing compounds) as well as carotenoids. Preferably the carotenoids are present in another phase than the (plant) sterols.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.314/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :22/03/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : A NOVEL STOMATOLOGICAL GEL

(51) International classification	:A61C 5/00,5/04	(71)Name of Applicant :
(31) Priority Document No	:2004108224	1)M/s. J. B. CHEMICALS & PHARMACEUTICALS LTD.
(32) Priority Date	:23/03/2004	Address of Applicant :NEELAM CENTER, 'B' WING, 4TH FLOOR,
(33) Name of priority country	:Russia	HIND CYCLE ROAD, WORLI, MUMBAI - 400 030, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MEHTA BHARAT PRAVINCHANDRA
(87) International Publication No	: NA	2)RAJEN SHAH
(61) Patent of Addition to Application Number	:NA	3)DOSHI MADHUKANT MANSUKHLAL
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 22

(57) Abstract :

The invention relates to a novel stomatological gel composition comprising of diclofenac and chlorhexidine gluconate intended for the treatment of pain associated in various dental diseases. The said composition employs a muco-adhesive agent providing for bio-adhesion of the composition thus exhibiting longer duration of action. Optionally the formulations may additionally contain one or more local anesthetics like lidocaine, benzocaine etc.

(54) Title of the invention : A LOCKING MECHANISM FOR THE CHOKE LEVER OF A 2 OR 3 WHEELED VEHICLE

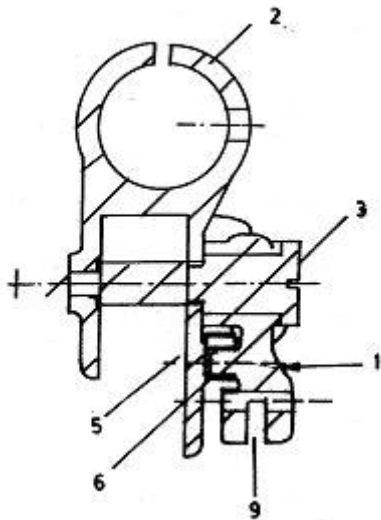
(51) International classification	:F02B77/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BAJAJ AUTO LTD.
(32) Priority Date	:NA	Address of Applicant :Akurdi, Pune 411035, Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)RAMTIRTHKAR ANANT RAGHUNANDAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 34

No of Claims : 10

(57) Abstract :

A locking mechanism for the choke lever mounted on the handle bar of a vehicle. The choke lever comprises a planar member (1) disposed above the control housing (2) of the handle bar of the vehicle with one planar surface the control housing. The choke lever is pivoted about a pivot axis (3) on the control housing. The locking mechanism comprises a downwardly projecting locking pin (5) provided at the said planar surface of the choke lever facing the control housing and being movable with the choke lever about the pivot axis. A resilient biasing means (6) is disposed between the control housing and the choke lever. The resilient biasing means acts on the locking pin in a direction perpendicular to the pivot axis, such that in use, a biasing force on the locking pin increases and then decreases as the locking pin moves from its initial position to its final position.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.320/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :16/03/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : IMPROVED FILTER MEDIA

(51) International classification	:B01D39/20, C02F1/28	(71) Name of Applicant : 1)HINDUSTAN LEVER LIMITED Address of Applicant :HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI - 400 020. Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)RAVIKUMAR DHULIPALA
(33) Name of priority country	:NA	2)BANSODE SHARADCHANDRA GOVIND
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 43

No of Claims : 20

(57) Abstract :

The invention provides for a carbon block filter media for use in gravity fed filters comprising: (a) powder activated carbon (PAC) having a particle size that 95 wt% of the particles pass through 50 mesh and not more than 13% passes through 200 mesh and (c) a binder material a Melt Flow Rate (MFR) of less than 5. The invention also provides for a process for the preparation of the carbon block filter media and for water filters comprising the carbon block filter media of the invention.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.324/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :22/03/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : NOVEL POLYMORPHS OF (S)-N-(1-CARBOXY-2-METHYL-PROP-1-YL)-N-PENTANOYL-N-[2'-(1H-TETRAZOL-5-YL)BI-PHENYL-4-YL-METHYL]-AMINE

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)IPCA LABORATORIES LTD.
(32) Priority Date	:NA	Address of Applicant :48, KANDIVLI INDUSTRIAL ESTATE,
(33) Name of priority country	:NA	MUMBAI-400 067, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KUMAR, ASHOK
(87) International Publication No	: NA	2)NIMBALKAR MANMOHAN MADHAVRAO
(61) Patent of Addition to Application Number	:NA	3)BHAYANI PRITI JAYESH
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 59

No of Claims : 27

(57) Abstract :

Disclosed herein is novel crystalline forms of Valsartan namely, a crystalline form designated as Form A, and its solvates thereof, novel crystalline form of Valsartan designated as Form B and solvates thereof, novel crystalline form of Valsartan designated as Form C and solvates thereof, novel crystalline form of Valsartan designated as Form d and its solvates thereof, processes for their preparation, pharmaceutical compositions containing these polymorphs and their use in medicine. The present invention further discloses a novel process for preparing a stable amorphous form of Valsartan and in this connection to amorphous form of Valsartan produced by such processes. The present invention also discloses a novel process for obtaining stable Form I crystals of Valsartan.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.357/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :29/03/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : PROCESS FOR PREPARATION OF LIGHT COLOURED AND STABLE FATTY ACIDS

(51) International classification	:C07H21/00 C07H21/04	(71) Name of Applicant : 1)Godrej Consumer Products Limited Address of Applicant :Pirojshanagar, Eastern Express Highway, Vikhroli, Mumbai-400 079, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DORDI JIMMY RUSTOM
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 12

(57) Abstract :

The present invention relates to a process for preparing fatty acids comprising the steps of: a) Hydrogenating the crude fatty acids; b) Distilling the hydrogenated fatty acid; c) Treating the distilled mixture with a reducing agent; d) Distilling the resultant mixture.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.358/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :29/03/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : PROCESS FOR PREPARATION OF HEAT STABLE FATTY ACIDS

(51) International classification

:C07H21/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GODREJ CONSUMER PRODUCTS LIMITED

Address of Applicant :Pirojshnagar, Eastern Express Highway,
Vikhroli,Mumbai-400 079, Maharashtra India

(72)Name of Inventor :

1)DORDI JIMMY RUSTOM

No of Pages : 12

No of Claims : 12

(57) Abstract :

The present invention relates to a process for preparing fatty acids comprising the steps of; a) Treating the distilled fatty acids with an oxidizing agent; b) Distilling the resultant mixture under vacuum; c) Treating the distilled mixture with a reducing agent; d) Distilling the resultant mixture under vacuum.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.364/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :25/03/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : GASTRIC RETENTION DRUG DELIVERY SYSTEM

(51) International classification	:A61K38/11 A61K9/177	(71) Name of Applicant : 1)SUN PHARMACEUTICAL INDUSTRIES LTD. Address of Applicant :ACME PLAZA, ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI - 400 059, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DHARMADHIKARI NITIN BHALACHANDRA
(33) Name of priority country	:NA	2)ZALA YASHORAJ RUPSIH
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 42

No of Claims : 15

(57) Abstract :

The present invention provides a novel gastric retention system in the form of a tablet or a capsule coated with an expandable coating, more particularly, with an expandable coating comprising a film-forming polymer and expandable component.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.365/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :15/04/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : SYNTHESIS AND EVALUATION OF ANTIPSYCHOTIC ACTIVITY OF 8 -CHLORO-11-(4-ARYL-1-PIPERAZINYL)-DIBENZ (B,F)(1,4) OXAZEPINES

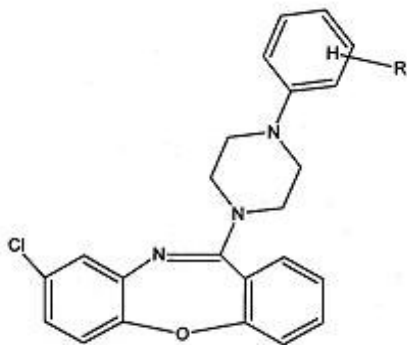
(51) International classification :A61K31/40 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)SANJAY BABURAO WAGH Address of Applicant :MATRU DARSHAN OPPOSITE VASANT MARKET, OLD GANGAPUR NAKA, NASHIK-422 005, Maharashtra India 2)SWAPNIL GULABRAO YERANDE 3)BHUSHAN PRALHADRAO PATIL (72)Name of Inventor : 1)SANJAY BABURAO WAGH 2)SWAPNIL GULABRAO YERANDE 3)BHUSHAN PRALHADRAO PATIL

No of Pages : 13

No of Claims : 3

(57) Abstract :

The compounds formula (I) Schizophrenia is a serious illness affecting about 1% of the world's population. Its toll in the human sufferings is probably exemplified best by the high suicide rate for people having the disease. The present invention deals with compounds having dibenzoxazine, as core molecular scaffolding suitably substituted at 11th position by substituents independently selected from the group consisting of piperazines where R is methyl, methoxy, chloro and the like. The invention also provides methods for the production of these anti-psychotic agents. These agents may be used in the treatment of mammals having schizophrenia.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.379/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :03/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : SAFETY HARNESS

(51) International classification	:A62B35/00
(31) Priority Document No	:60/500,597
(32) Priority Date	:05/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/027242
Filing Date	:23/08/2004
(87) International Publication No	:WO2005/025676A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)D B INDUSTRIES, INC
Address of Applicant :3833 Sala Way, Red Wing, MN 55066-5005
U.S.A.
(72)**Name of Inventor :**
1)J. THOMAS WOLNER
2)Casebolt, Scott, C.

No of Pages : 26

No of Claims : 26

(57) Abstract :

A preferred embodiment safety harness includes two straps that are operatively connected at a juncture and a D-ring proximate the juncture. A retrofittable, removable back panel padding is configured and arranged to accommoate the straps and the Dring to aid in the comfort in donning the safety harness.

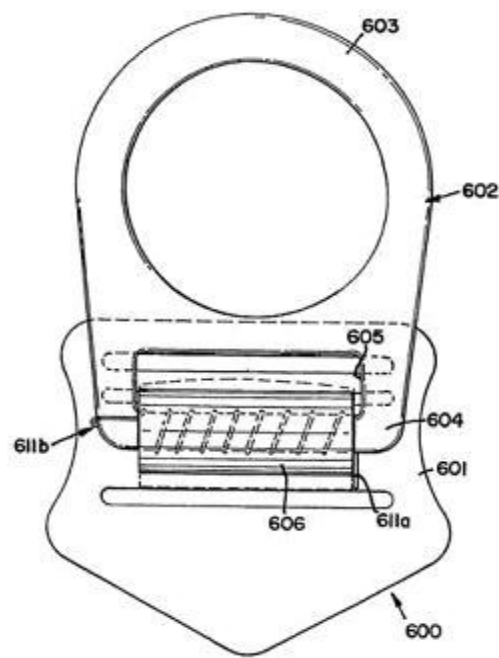
(54) Title of the invention : DORSAL PAD ASSEMBLY FOR USE WITH A SAFETY HARNESS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date :A62B35/00 :60/500,597 :05/09/2003 :U.S.A. :PCT/US2004/028701 :03/09/2004 :WO2005/025677A1 :NA :NA :NA :NA		(71)Name of Applicant : 1)D B Industries, Inc. Address of Applicant :3833 Sala Way, Red Wing, MN 55066-5005, U.S.A. (72)Name of Inventor : 1)Casebolt, Scott, C. 2)J. Thomas Wolner

No of Pages : 43

No of Claims : 44

(57) Abstract :
A preferred embodiment safety harness includes two straps operatively connected to a D-ring, which is operatively connected to a biasing mechanism urging the D-ring to an upright position. The safety harness may also include an impact indicator for providing indication when the D-ring has been subjected to a force and a wear pad for reducing wear on the straps of the safety harness.



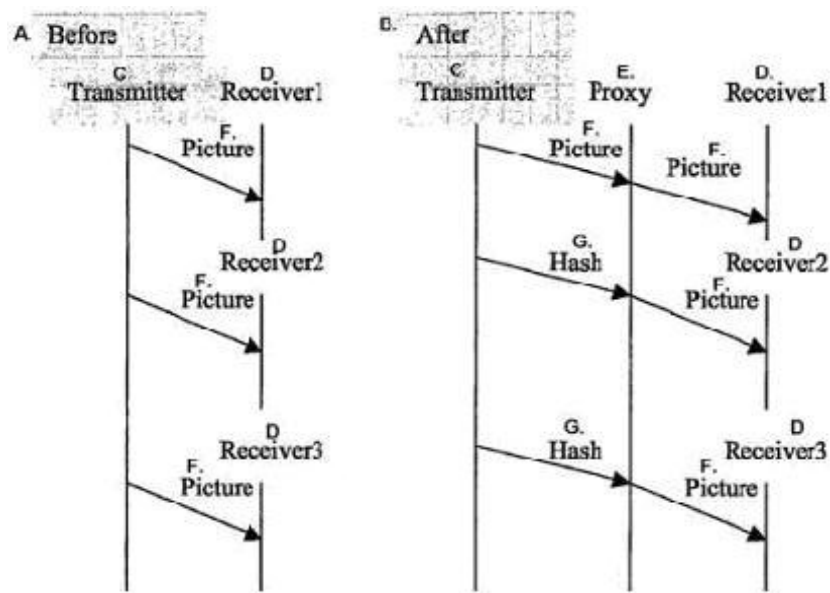
(54) Title of the invention : DATA SHARING A MULTIMEDIA COMMUNICATION SYSTEM

(51) International classification :H04L29/06		(71)Name of Applicant :
(31) Priority Document No :0321426.9		1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
(32) Priority Date :12/09/2003		Address of Applicant :164 83 Stockholm, Sweden
(33) Name of priority country :U.K.		(72)Name of Inventor :
(86) International Application No :PCT/EP2004/051741		1)PEISA, Janne
Filing Date :06/08/2004		2)SAGFORS, Mats
(87) International Publication No :WO 2005/027457A1		3)TORSNER, Johan
(61) Patent of Addition to Application Number :NA		4)WAGER, Stefan
Filing Date :NA		
(62) Divisional to to Application Number :NA		
Filing Date :NA		

No of Pages : 14

No of Claims : 13

(57) Abstract :
Data Sharing in a Multimedia Communication System A method of optimizing the use of transmission bandwidth in a mobile radio communication system, the method comprising, for data to be sent via the air interface from a first to a second node, generating a signature for the data content, sending the signature from the first to the second node or to an intermediate node in the transmission path, at the second node or said intermediate node comparing the signature to signatures for data stored at the node, and sending the data from the first to the second node, via the air interface, only if the received signature for stored data.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.391/BOM/1996 A

(19) INDIA

(22) Date of filing of Application :30/07/1996

(43) Publication Date : 20/04/2007

(54) Title of the invention : PROCESS TO PREPARE CONCENTRATED LIGNITE-WATER FUEL (LWF) FROM HYDROTHERMALLY TREATED (HT) INDIAN LIGNITE

(51) International classification :C10L5/46,C10L5/40
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BHASKER THAKORBHAI PATEL
Address of Applicant :ABHAS BUNGLOW, B/H. LAW COLLEGE
PLAYGROUND, ELLISBRIDGE, AHMEDABAD-380 006, Maharashtra
India
(72)**Name of Inventor :**
1)BHASKER THAKORBHAI PATEL

No of Pages : 7

No of Claims : 3

(57) Abstract :

Process to Prepare Concentrated Lignite Water fuel (LWF) Hydro thermally Treated (HT) Indian Lignite consists a wet ball or rod milling process with careful attention to producing a bimodal particle size distribution with a mass mean diameter greater than 40 microns, but less than 100 microns and a continuous HT process operating above 240 deg C, but not exceeding 300 deg C and pressure slightly above the saturated steam at the HT temperature but not exceeding 2000psi. The filtration process such as a rotary vacuum filter to remove excess water following HT that limits fine lignite losses to less than 1%. The overall Process to upgrade lignite so that it can be formulated into pumpable combustible LWF with solids content in excess of 55%.

(54) Title of the invention : LIPID SYSTEM AND METHODS OF USE

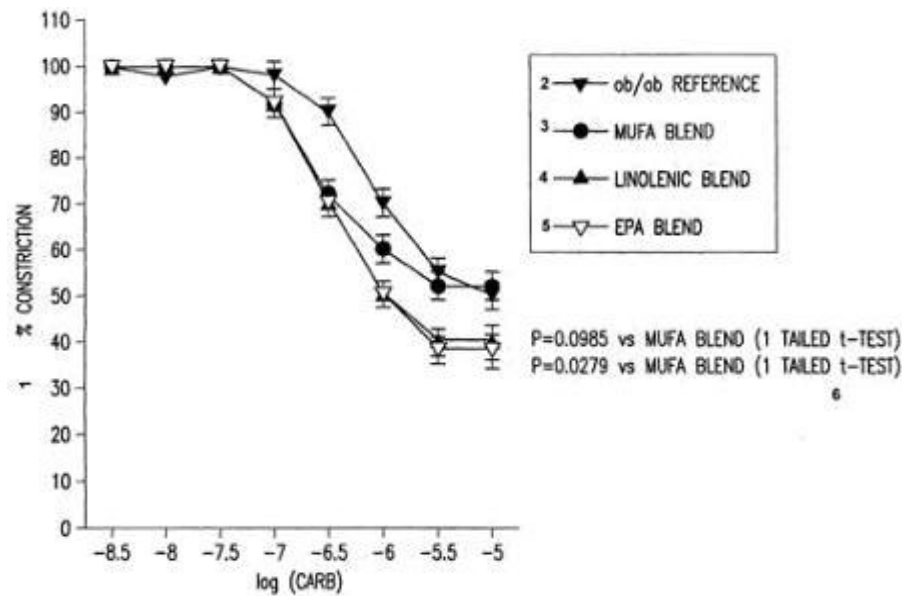
(51) International classification	:A23L1/29 ; A23L1/30	(71)Name of Applicant :
(31) Priority Document No	:10/656,662	1)ABBOTT LABORATORIES
(32) Priority Date	:05/09/2003	Address of Applicant :Dept. 377/AP6A-1,100 Abbott Park Road, Abbott Park, IL 60064, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2004/025161	1)MUSTAD, Vikkie
Filing Date	:04/08/2004	2)DEMICHELE, Stephen
(87) International Publication No	:WO2005/025334A1	3)ZINKER, Bradley
(61) Patent of Addition to Application Number	:NA	4)HUANG, Yung-Sheng
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 42

No of Claims : 45

(57) Abstract :

The present invention relates to a lipid system, and methods for using such a lipid system, containing specific relative ratios of omega-3, omega-6, and omega-9 fatty acids. The lipid system may be used independently or as a component of a nutritional product. A lipid system according to the present invention may contain omega-3 fatty acids, omega-6 fatty acids, and omega-9 fatty acids with the ratio of omega-6 fatty acids to omega-3 fatty acids preferably being between 0.25:1 and 3:1, and the ratio of omega-9 fatty acids to omega-3 fatty acids preferably being between 0.4:1 and 3:1. The present invention also relates to methods for administering a lipid system or a nutritional product containing the lipid system to an individual.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.400/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :31/03/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : ARRANGEMENT FOR VAPORIZING MATERIALS

(51) International classification	:C21C1/08 C21C7/00	(71)Name of Applicant : 1)APPLIED FILMS GMBH & CO. KG Address of Applicant :SIEMENSSTRASSE 100, D-63755, ALZENAU, Germany
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)HEIN STEFAN
(33) Name of priority country	:NA	2)KLEMM GUNTER
(86) International Application No	:NA	3)SKUK PETER
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 9

(57) Abstract :

The invention relates to an arrangement for vaporizing materials with a vaporizer crucible, in which is disposed the material to be vaporized. About the vaporizer crucible is placed a vaporizer tube, which, seen in the longitudinal direction of the vaporizer tube, comprises at least two heating circuit, spatially disposed one after the other and electrically controllable separately. Each of these heating circuits comprises at least two heating subcircuits, of which one is disposed on one side of the vaporizer tube and one on the other side of the vaporizer tube. The vaporizer tube is provided with a top portion which has its own heating circuit.

(54) Title of the invention : SHEET METAL CABLE HOOK

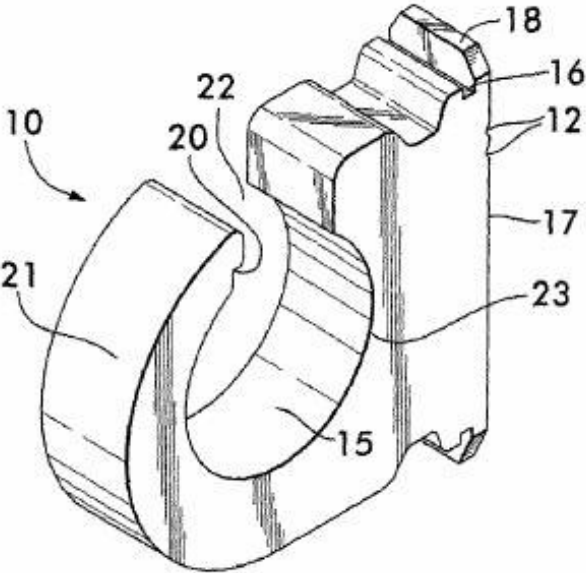
(51) International classification	:E21F 3/00 ; E21F 17/02	(71)Name of Applicant :
(31) Priority Document No	:60/363,250	1)PEM MANAGEMENT, INC
(32) Priority Date	:12/03/2002	Address of Applicant :300 DELAWARE AVENUE, SUITE 1225,
(33) Name of priority country	:U.S.A.	WILMINGTON, DE 19801, U.S.A.
(86) International Application No	:PCT/US03/04200	(72)Name of Inventor :
Filing Date	:13/02/2003	1)SWANSTROM KENNETH A.
(87) International Publication No	:WO03/078796A1	2)MCKENNA JOSEPH, E.
(61) Patent of Addition to Application Number	:NA	3)BENTRIM BRIAN, G.
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 14

(57) Abstract :

A cable hook includes attachment means with a substantially base having a planar bottom surface. The hook portion extends upwardly from the base (17) and includes upper and lower jaws (21, 23) with a lateral opening that is substantially circular. A single, laterally-extending notch (20) is located on the inside surface of the upper jaw proximate a frontal opening (22) between the jaws. Orientation marks (12) are included on the bottom surface of the base (17). Panel attachment means (18) are preferably deformer undercut grooves (16) for receiving the cold flow of metal from a metal panel (19) attached thereby. The hook (10) may be used to secure cables, a spring, a rod, tubing, or shaft.



(54) Title of the invention : MAINTAINING DATA CONNECTIVITY FOR HANDOFFS BETWEEN COMPRESSION-ENABLED AND COMPRESSION-DISABLED COMMUNICATION SYSTEMS

(51) International classification	:H04J 3/18	(71)Name of Applicant :
(31) Priority Document No	:60/508,385	1)QUALCOMM INCORPORATED
(32) Priority Date	:03/10/2003	Address of Applicant :5775 Morehouse Drive San Diego, California
(33) Name of priority country	:U.S.A.	92117 U.S.A.
(86) International Application No	:PCT/US2004/032630	(72)Name of Inventor :
Filing Date	:04/10/2004	1)DYCK,Jeffrey, A.
(87) International Publication No	:WO/2005/034411	2)LIOY,Marcello
(61) Patent of Addition to Application Number	:NA	3)MCALLISTER, PAUL
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17No of Claims : 9

(57) Abstract :
Methods and apparatus are presented for enabling data connectivity when a handoff occurs between one communication network and another communication network, wherein the communication networks belong to different air interface standards. The mobile station triggers a Compression Control Protocol (CCP) request message to a tethered device if the mobile station determines that a new PDSN is not enabled to perform the CCP protocol. The tethered device then responds with a CCP request message with or without new negotiation parameters. The mobile station forwards the CCP request message to the new PDSN. Since the new PDSN is not enabled with CCP, the new PDSN responds with a CCP rejection message. The rejection message is passed from the mobile station back to the tethered device. The tethered device then sends uncompressed data packets to the PDSN.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.416/BOM/1999 A

(19) INDIA

(22) Date of filing of Application :25/06/1999

(43) Publication Date : 20/04/2007

(54) Title of the invention : HAIR CARE COMPOSITIONS

(51) International classification

:A61K7/06

(31) Priority Document No

:09/092487

(32) Priority Date

:05/06/1998

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

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2)WYDILA EDWARD JOHN

3)JANCHITRAPONVEJ BEN

4)NEILL HOWARD PAUL

5)PATEL UMEDBHAI CHAITANYA

6)FINEL MICHEL CHRISTOPHE

7)GIBSON THOMAS WALTER

8)LANE MICHAEL ROGER

No of Pages : 39

No of Claims : 20

(57) Abstract :

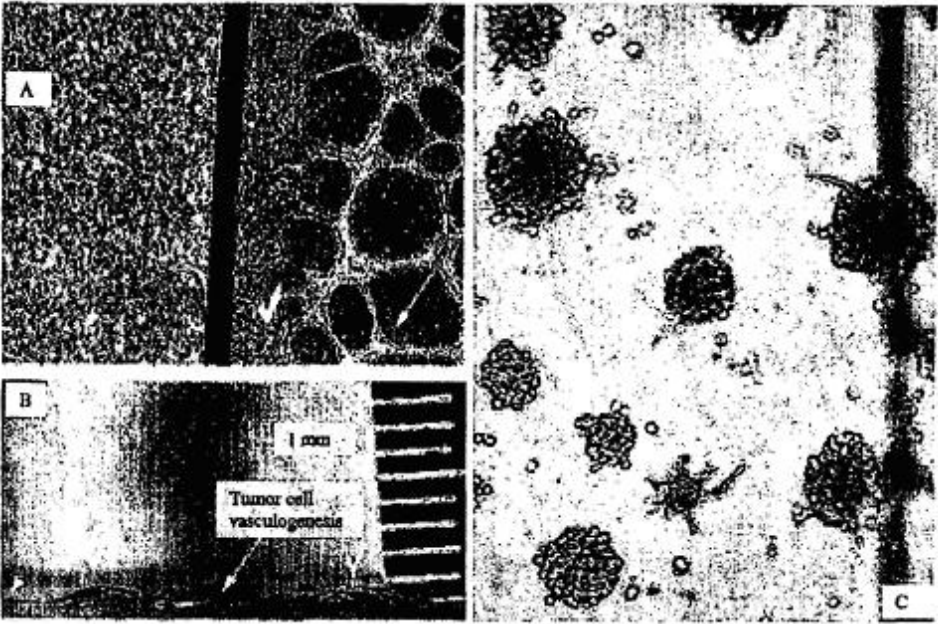
The invention relates to aqueous hair care compositions including conditioners, shampoos, and mousses. The invention also relates to methods of treating hair, and more particularly to treating hair with aqueous hair care compositions which contain one or more elastomeric resinous materials. These materials when tested at the same concentration that could be incorporated into a product exhibit a Gâ€™™ modulus between 1×10^2 and $1 \times (10 \text{ raise to } 5)$ dynes/cm². Furthermore these resins when mixed with a hydrophilic or hydrophobic diluent at a ratio of 1:95 to 95:1% and this mixture then incorporated into an aqueous emulsion in the range of 0.1 to 10% have been demonstrated to deliver a consumer perceptible increase in hair body without sacrificing conditioning attributes.

(54) Title of the invention : METHODS AND COMPOSITIONS RELATED TO A MATRIX CHIP

(51) International classification	:C12N 5/00 ; C12M 3/00	(71)Name of Applicant :
(31) Priority Document No	:60/511,543	1)THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
(32) Priority Date	:14/10/2003	Address of Applicant :352 Henry Admmistration Building, 506 S, Wright S Urbana, IL 61801, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2004/033658	1)MANIOTIS, Andrew
Filing Date	:13/10/2004	2)FOLBERG, Robert
(87) International Publication No	:WO2005/037998	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 66No of Claims : 51

(57) Abstract :
Embodiments of the invention relate to devices and methods for evaluating the interactions between cells and between cells and matrix materials wherein the cellular distribution patterns formed as a result of such interactions are indicators of the invasive potential(s) of the cells. Furthermore, such devices and methods can provide indications of the preferred sites of metastasis of invasive cells; the efficacy of an anti-cancer drug applied to such cells; and the potential for agents to promote or enhance tumor growth or metastasis.



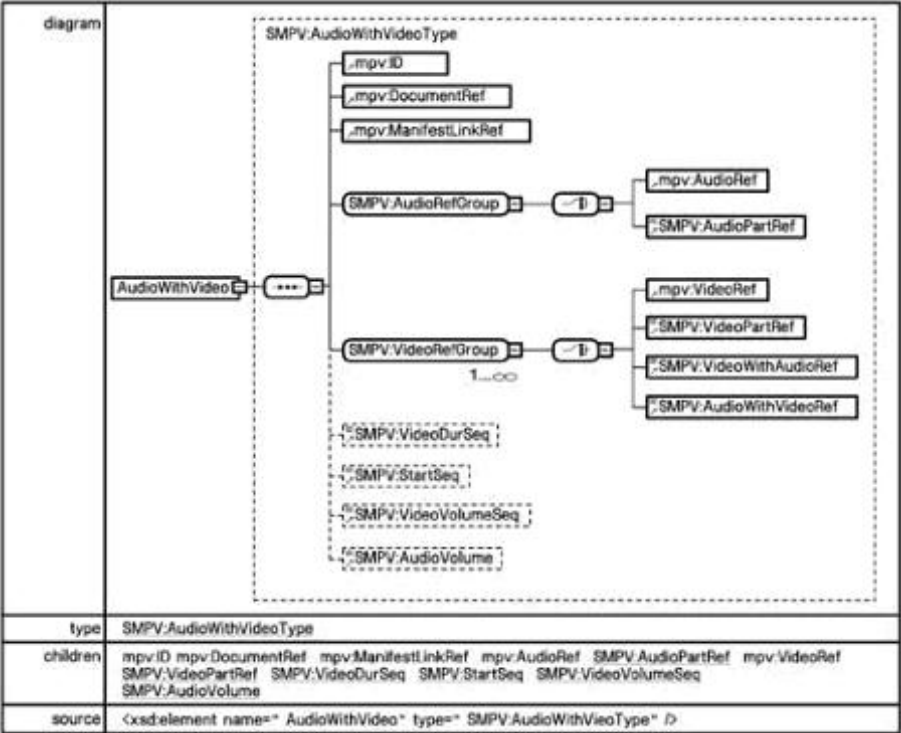
(54) Title of the invention : APPARATUS AND METHOD FOR DISPLAYING AUDIO AND VIDEO DATA, AND STORAGE MEDIUM RECORDING THEREON A PROGRAM TO EXECUTE THE DISPLAYING METHOD

(51) International classification :G11B20/10 (31) Priority Document No :60/505,623 (32) Priority Date :25/09/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/KR2004/002309 Filing Date :10/09/2004 (87) International Publication No :WO2005/029490A1 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant :416 Maetan-dong, Yeongtong-gu, Suwonsi, Gyeonggi-do, Republic of Korea (72)Name of Inventor : 1)KIM, Du-il 2)KIM, Young-yoon 3)PORTNYKH Valdimir

No of Pages : 41

No of Claims : 17

(57) Abstract :
An apparatus and a method for displaying audio and video data, and a storage medium for storing the method thereon. The apparatus for displaying audio and video data constituting multimedia data described in MPV format, ascertains whether an asset selected by a user comprises a single video data and at least one or more audio data, extracts reference information to display the video data and the audio data and then displays the extracted video data, using the reference information, and extracts at least one or more audio data from the reference information and then sequentially displays them according to a predetermined method while the video data is being displayed.



(54) Title of the invention : SYSTEM FOR CONVEYING AND SLICING

(51) International classification :A23L1/216
B26D1/00 B26D3/26
(31) Priority Document No :10/701,529
(32) Priority Date :05/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/035832
Filing Date :27/10/2004
(87) International Publication No :WO2005/046348A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

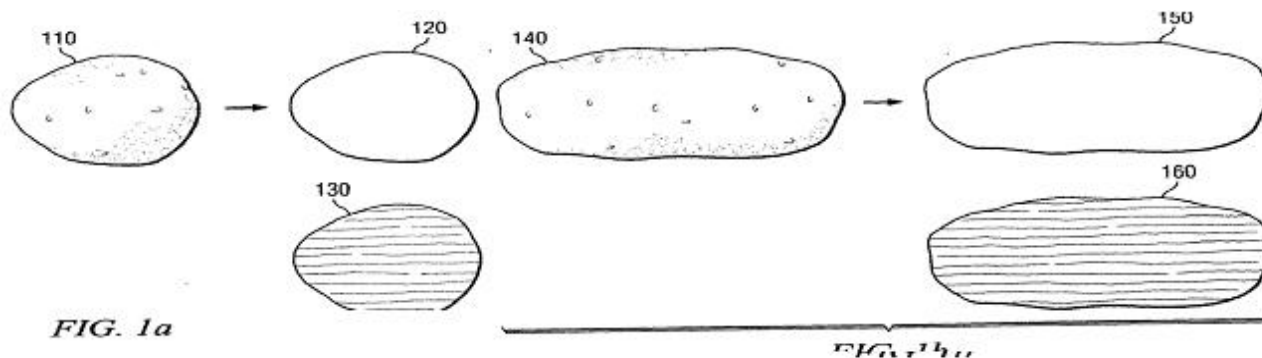
1)BAJEMA, Rick, Wendell**2)JOHNSON, Keith, Robert****3)MATOCHA, Gregory, paul**

No of Pages : 71

No of Claims : 41

(57) Abstract :

A novel food processing system for dividing a flow of food items into a plurality of streams, gently and quickly transporting the food items along a flume of fluid propelled by eductors to several slicers, transversely slicing the food items at a controlled rate to maximize yield, washing the slices, transporting the slices and controllably distributing the slices onto a conveyor for further processing. In accordance with one embodiment of the present invention, the food processing system comprises an oversized-product separator, a segmented cutter, a mass-flow/spreading conveyor, a diverter stage, an eductor stage, a dewatering stage, a starch removal stage, a slicer infeed conveyor, at least one transverse slicer, and a slice spreader. In a preferred embodiment, cutting losses are decreased by minimizing slicing speeds.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.491/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :26/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : HETEROCYCLIC COMPOUNDS FOR THE TREATMENT OF HYPERLIPIDEMIA, DIABETES OBESITY AND SIMILAR DISEASES

(51) International classification	:C07D 265/38
(31) Priority Document No	:1064/mum/2003
(32) Priority Date	:14/10/2003
(33) Name of priority country	:India
(86) International Application No	:PCT/IN2004/000319
Filing Date	:14/10/2004
(87) International Publication No	:WO 2005/049589
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CADILA HEALTHCARE LIMITED
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(72)**Name of Inventor :**
1)LOHARY, Braj, Bhushan
2)LOHRAY, Vidya, Bhushan

No of Pages : 75

No of Claims : 12

(57) Abstract :

Disclosed are novel compounds of formula (I), having hypolipidaemic and hypochlesterolemic properties, their tautomeric forms, their pharmaceutically acceptable salts,their pharmaceutically acceptable solvates and pharmaceutically acceptable compositions containing them

(54) Title of the invention : EXPANSION CHUCK

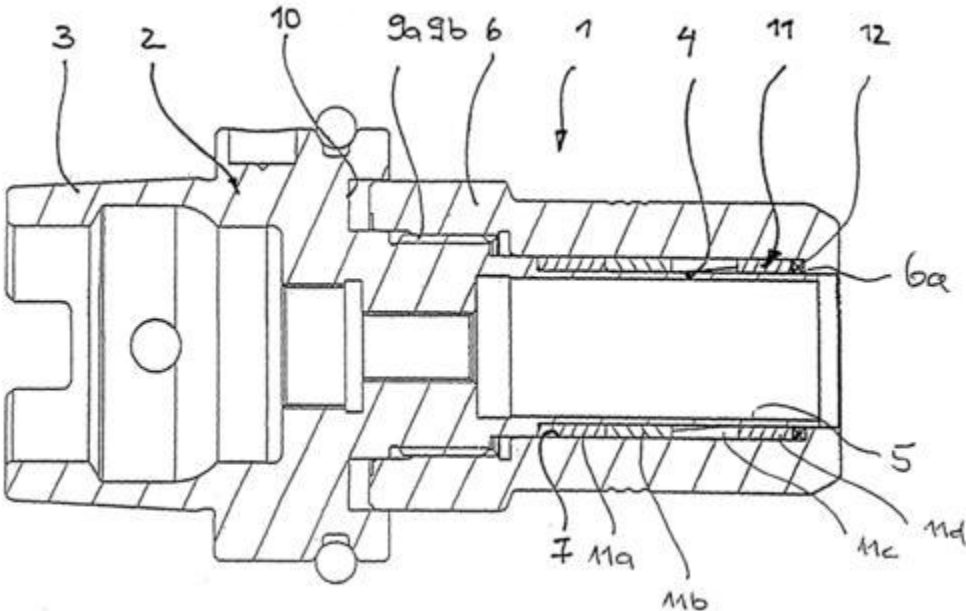
(51) International classification :B23B 31/30 (31) Priority Document No :03025239.9 (32) Priority Date :05/11/2003 (33) Name of priority country :EUROPEAN UNION (86) International Application No :PCT/EP04/012491 Filing Date :04/11/2004 (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)SCHUNK GMBH & CO. KG SPANN-UND GREIFTECHNIK Address of Applicant :BAHNHOFSTR. 106-134, D-74348 LAUFFEN, Germany (72)Name of Inventor : 1)Thomas Retabach 2)Andreas Schuster 3)Rainer Sigmund

No of Pages : 7

No of Claims : 4

(57) Abstract :

The invention relates to an expansion chuck comprising a base (2), a thin-walled expansion sleeve (4) that is disposed in a final axial zone of the base (2) and forms a central seat (5) for a component that is to be clamped, and a clamping ring (6) which surrounds the expansion sleeve (4) so as to form an intermediate annular pressure chamber (7) and is screwed to the base (2). Said pressure chamber (7) is filled with a hydraulic means (11) while the expansion sleeve (4) can be elastically deformed for fixing a component within the seat (5) by axially displacing the clamping ring (6), said clamping ring (6) being twisted in relation to the base (2) such that the volume of the pressure chamber decreases. The inventive expansion chuck is characterized in that the pressure chamber (7) is filled with an elastic solid body (11) as a hydraulic means while a sliding ring element (12) is placed between the elastic solid body (11) and a pressure surface (6a) of the clamping ring (6) in order to transmit an axial compressive force from the clamping ring (6) to the solid body (11).



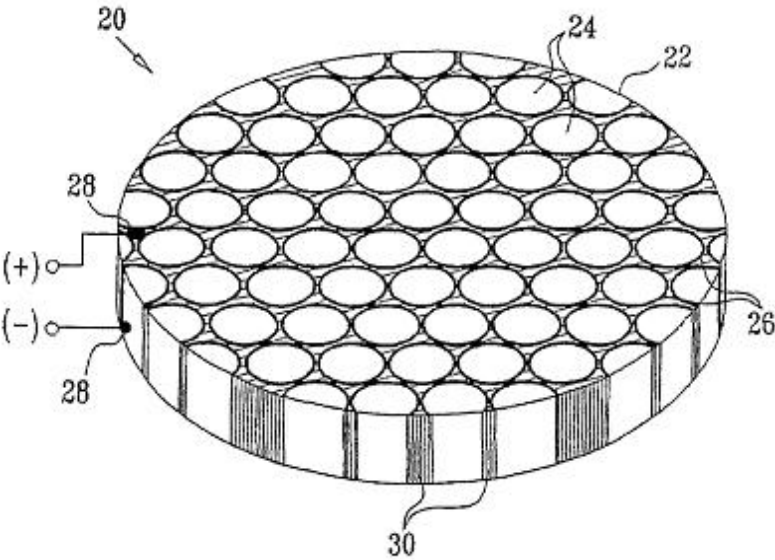
(54) Title of the invention : THREE-DIMENSIONAL THIN-FILM MICROBATTERY

(51) International classification	:H02J	(71)Name of Applicant :
(31) Priority Document No	:60/511,382	1)Tel Aviv University Future Technology Development L.P.
(32) Priority Date	:14/10/2003	Address of Applicant :C/o TAU Future Technology Management Ltd.,
(33) Name of priority country	:U.S.A.	c/o. The Tel-Aviv University Economic Corporation Ltd.. P.O. Box 39040,
(86) International Application No	:PCT/IL2004/000945	69978 Tel Aviv, Israel
Filing Date	:14/10/2004	(72)Name of Inventor :
(87) International Publication No	:WO2005/036711A2	1)Nathan Menachem
(61) Patent of Addition to Application Number	:NA	2)Peled, Emanuel
Filing Date	:NA	3)Golodnitsky, Diana
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 10

(57) Abstract :
An electrical storage device (20) includes a microchannel plate (MCP) (22) having channels (24) formed therein, the channels having surface areas. Thin films (26) are formed over the surface areas and define an anode (34,38), a cathode (34,38), and a solid electrolyte (36) disposed between the anode and the cathode.



(54) Title of the invention : FREQUENCY MULTIPLYING ARRANGEMENTS AND A METHOD FOR FREQUENCY MULTIPLICATION

(51) International classification :H03B19/14
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/SE2003/002017
 Filing Date :19/12/2003
 (87) International Publication No :WO2005/060088
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

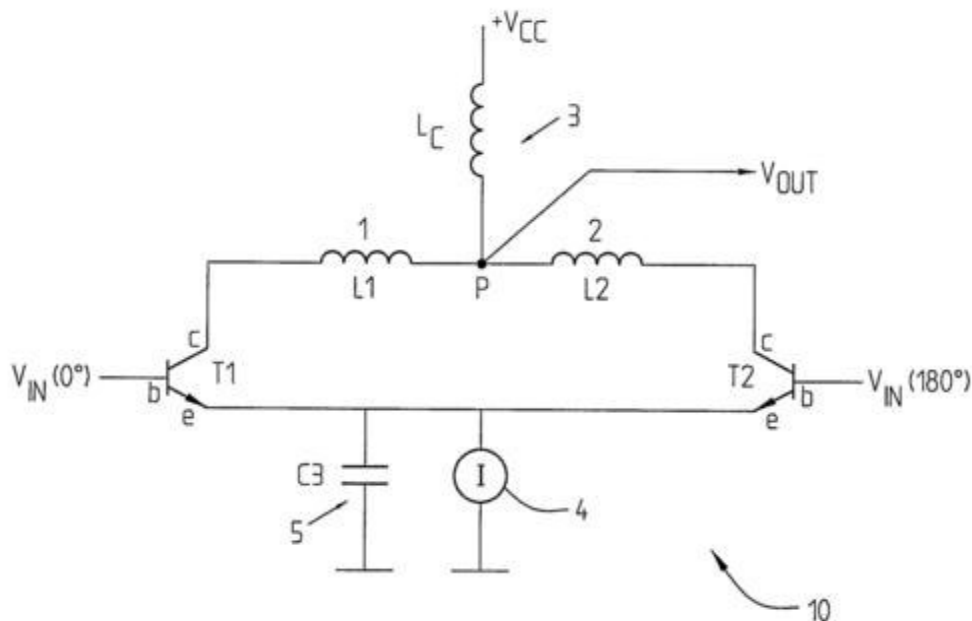
(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET L M ERICSSON (publ),
 Address of Applicant :SE-126 25 Stockholm, Sweden
 (72)Name of Inventor :
1)ZIRATH, Herbert

No of Pages : 32

No of Claims : 23

(57) Abstract :

The present invention relates to a frequency multiplying arrangement (10) comprising a transistor arrangement with a first and a second transistor (T1, T2), each with an emitter (e), a base (b) and a collector (c), a voltage (current) source, output means for extracting an output signal (Vout) comprising a multiplied output frequency harmonic of an input signal (Vin), and impedance means. The impedance means comprises a first impedance means (3) connected to the collectors of the respective transistors, the transistors operating in phase opposition, and the waveform of the current for each transistor is half wave shaped such that the transistor is conducting only the half of each period, and the output signal (Vout) is extracted (P) between the first impedance means (3; 31; 32; 33; 34; 35) and the collectors (c) of the transistors.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.527/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/05/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : A SYRINGE FOR POWDER MEDICAMENT PREMIXING

(51) International classification	:A65M5/28
(31) Priority Document No	:200320109812.7
(32) Priority Date	:21/11/2003
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2004/000924
Filing Date	:10/08/2004
(87) International Publication No	:WO2005/049166 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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2)Chang, Yongtao
3)Cao, Yanmei
4)Zhao, Peiwen
5)Liu, Yan

No of Pages : 34

No of Claims : 9

(57) Abstract :

The present invention is directed to an assembled syringe for administering powder medicament in the field of medicine. According to the present invention, by using a connecting tube (14), a solvent bottle (8) contained with diluent is communicated with a solute bottle (10) contained with powder by the external force, and the diluent is injected into the solute bottle (10) through the connecting tube (14) under the effect of the pressure, after the powder is dissolved and mixed uniformly, the mixed solution is injected directly into a patient or added to a transfusion bottle or a transfusion tube. Both the solvent bottle (8) and the solute bottle (10) are packaged into a sleeve (5) to avoid being contaminated or cross-infection. Buckles (3) on the plunger sleeve (2) are fitted into restricting slots (4) on the sleeve (5), the fitting of the restricting slots (4) and buckles (3) allows the syringe to have the function of restricting the position, self-locking, controlling the magnitude of the force by which the solute bottle (10) is communicated with the solvent bottle (8), and being convenient for controlling the depth of the needle into the body, and to prevent misoperation or damage during transports, fetching and using. The present invention is a novel design with industrial applicability and inventive step and is adapted to be applied and generalized widely in the industries.

(54) Title of the invention : TOPOLOGY FOR 66 MHZ PCI BUS RISER CARD SYSTEM

(51) International classification	:G06F13/00
(31) Priority Document No	:09/727,048
(32) Priority Date	:29/11/2000
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US01/44108
Filing Date	:06/11/2001
(87) International Publication No	:WO02/44913A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**
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 Address of Applicant :2200 MISSION COLLEGE BOULEVARD,
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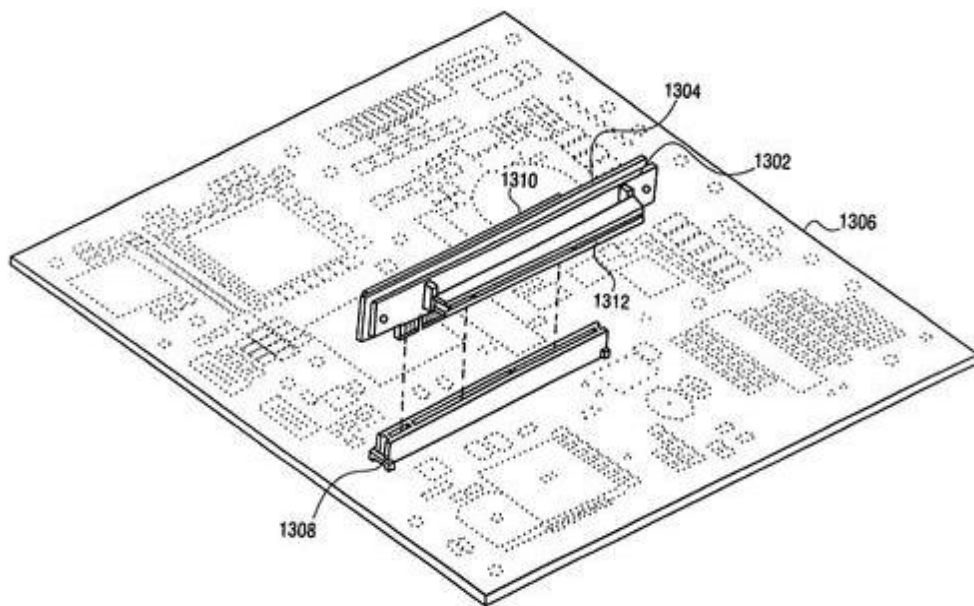
(72) **Name of Inventor :**
1)DON T. LAM

No of Pages : 30

No of Claims : 40

(57) Abstract :

The present invention provides a compact riser card system which provides two or more PCI connectors to couple one or more peripheral boards to a PCI bus on a computer board while satisfying the height requirements for IU systems. In one embodiment, this invention provides two 64-bit connectors on two riser cards coupled to a single connector on a 66 MHz PCI bus.



(54) Title of the invention : FILTER ELEMENT

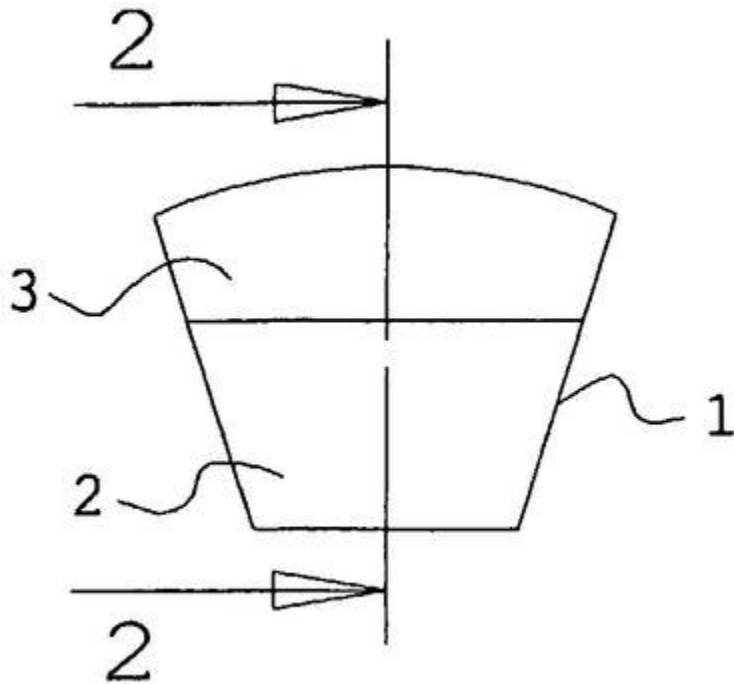
(51) International classification	:B01D 33/23	(71)Name of Applicant :	
(31) Priority Document No	:20002696	1)OUTOKUMPU OYJ	
(32) Priority Date	:08/12/2000	Address of Applicant :RIIHITONTUNTIE 7, FIN-02200 ESPOOO,	
(33) Name of priority country	:Finland	Finland	
(86) International Application No	:PCT/FI01/01063	(72)Name of Inventor :	
Filing Date	:07/12/2001	1)EKBERG BJARNE	
(87) International Publication No	:WO 02/45815	2)HOGNABBA OLLI	
	A1		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 10

No of Claims : 8

(57) Abstract :

The invention relates to a filter element for removing moisture contained in a material to be dried and for creating a filter cake of the material to be dried on the filtering surface of the filter element. According to the invention, the filtering surface (1, 6) of the filter element (11) is composed of at least two parts (2, 3; 7, 8) where mutually different filtering conditions can be created in order to form a filter cake containing at least one component to be filtered on the whole filtering surface (1, 6) of the filter element (11).



(54) Title of the invention : ION CONDUCTIVE COPOLYMERS CONTAINING ONE OR MORE HYDROPHOBIC OLIGOMERS

(51) International classification :C08G75/00, C08G75/10
 (31) Priority Document No :60/520,266
 (32) Priority Date :13/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/037805
 Filing Date :12/11/2004
 (87) International Publication No :WO2005/049696A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

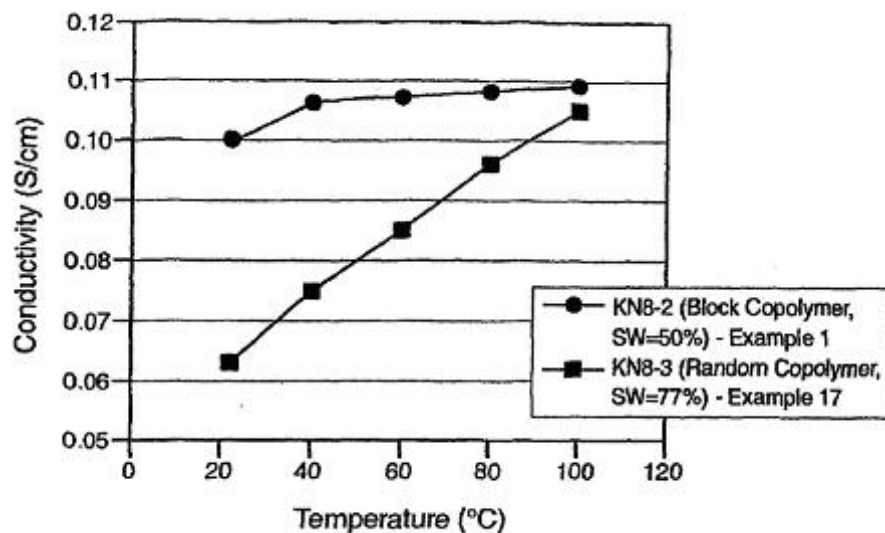
1)CAO, Shuguang**2)JEANES, Thomas****3)NAM, Jie Hyun****4)CHEN., Jian Ping****5)OLMEIJER, David**

No of Pages : 92

No of Claims : 19

(57) Abstract :

In one aspect, the invention provides ion conductive copolymers comprising (1) a plurality of first oligomers, (2) a plurality of second oligomers, (3) ion conductive monomers and (4) linking monomers. The oligomers preferably are hydrophobic and together with the ion conductive monomers are randomly dispersed between the linking monomers. Uses of such polymeric materials include the formation of polymer electrolyte membranes (PEMs), catalyst coated membranes (CCMTMs) and membrane electrolyte assemblies (MEATMs) which may be used in fuel cells and the like.



(54) Title of the invention : AN APPARATUS FOR HEAT TREATMENT OF OBLONG ARTICLES

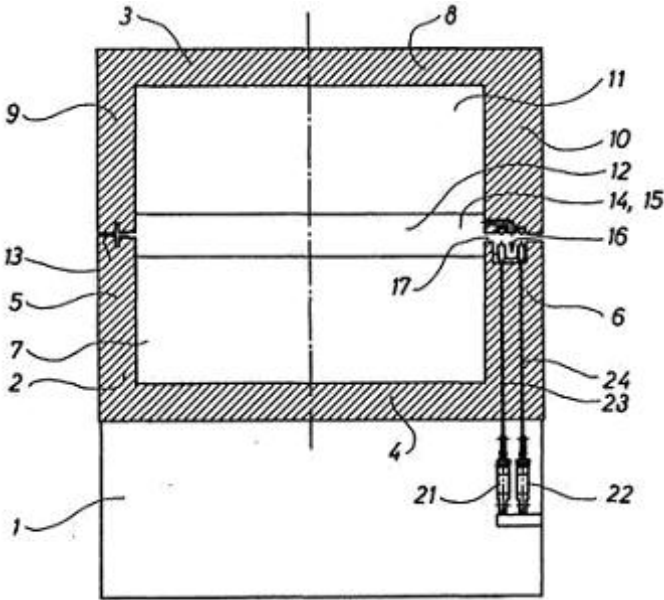
(51) International classification	:B29C71/02 F26B 13/00	(71)Name of Applicant :	1)INGENIORFIRMAET LYTZEN A/S
(31) Priority Document No	:PA 2000 01860		Address of Applicant :9 DYNAMOVEJ, DK- 2730 HERLEV Denmark
(32) Priority Date	:12/12/2000	(72)Name of Inventor :	1)JURGEN SACHSE
(33) Name of priority country	:Denmark		2)NIELS AGE MADSEN
(86) International Application No	:PCT/AU2004/001825		
Filing Date	:11/12/2001		
(87) International Publication No	:WO/2002/047894		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 12

No of Claims : 6

(57) Abstract :

An apparatus for heat treatment of oblong articles, such as monofilaments, multifilaments, tapes or webs of plastics, comprises a fixed bottom member (2) and a cover member (3) hingedly secured thereto along one long side, where the cover member (3) in the closed state together with the bottom member (2) define a hot-air channel (12). This hot-air channel extends lengthwise through the apparatus between the bottom member (2) and the cover member (3) from an inlet (14) to an outlet (15) in their respective ends in the apparatus. Means are provided for sealingly closing the slit (17) between abutting portions of the bottom member (2) and the cover member (3). These means for closing the slit (17) on the side of the apparatus being opposite the hinged side of the cover member (3) comprise a sluicing means (16). The sluicing means (16) is adapted to allow a lateral introduction of separate oblong articles into the hot-air channel (12) through a feeding track without completely opening said channel.



(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF 6-AMINO-4-(3-CHLORO-4-FLUORO-PHENYLAMINO)-7-ETHOXY-QUINOLINE-3-CARBONITRILE.

(51) International classification :C07C 233/43 (31) Priority Document No :60/503,106 (32) Priority Date :15/09/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2004/030219 Filing Date :15/09/2004 (87) International Publication No :WO2005/028421A2 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)WYETH A corporation of the State of Delaware Address of Applicant :Five Giralda farms, Madison, NJ 07940 U.S.A. (72)Name of Inventor : 1)DAIGNEAULT, Sylvain 2)MICHALAK, Ronald, Stanley 3)BERNATCHEZ, Michel

No of Pages : 15

No of Claims : 18

(57) Abstract :
The present invention provides a process for the preparation of 6-amino-4-(3-chloro-4-fluoro-phenylamino)-7-ethoxy-quinoline-3-carbonitrile comprising the steps and products disclosed within this application.

(54) Title of the invention : DISPOSABLE SCALPEL WITH RETRACTABLE BLADE

(51) International classification	:A61B17/32
(31) Priority Document No	:2002/9334
(32) Priority Date	:18/11/2002
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/ZA2003/000126
Filing Date	:01/09/2003
(87) International Publication No	:WO2004/045428A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :19A North Road, Dunkeld West, Johannesburg, Gauteng Province, 2196 South Africa

(72)Name of Inventor :

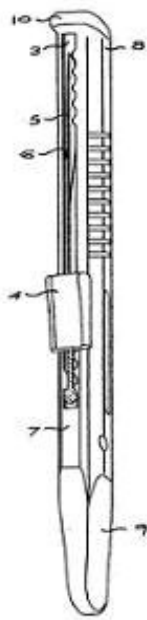
1)MILTON, Trevor, John**2)HOLMAN, Robert, Gerard**

No of Pages : 15

No of Claims : 8

(57) Abstract :

A scalpel is provided having a handle (1) with a longitudinally extending cavity (3) therein, a blade carrier (2) within the cavity and movable longitudinally relative to the handle between an operative position in which a blade carried thereby is exposed for use at an open end (8) of the cavity and an inoperative position in which a blade carried thereby is retracted within the cavity in the handle, and a manually operable slider (4) associated with the blade carrier and passing through a slot (6) in a wall of the handle at an edge (7) thereof, herein termed the top edge. The handle is moulded as a single piece moulding with an integral bridge (10) defining an endless open end (11) to the cavity through which the blade carrier is introduced into the cavity. The slider is formed as a separate part that snap fits to the blade carrier after its introduction through the open end of the cavity to form a blade carrier and slider assembly. 'Click stops' are provided in the operative and inoperative positions by tooth (19, 20) and notch (23) formations on the slider and slot. A final innermost permanently locked position is also preferably provided.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.60/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :20/01/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : NOVEL PROCESS AND NOVEL INTERMEDIATES FOR THE PREPARATION OF 4-(2-DIPROPYLAMINOETHYL)-1,3-DIHYDRO-2H-INDOL-2-ONE HYDROCHLORIDE

(51) International classification	:C07D209/34 A61K31/404 A61K31/405	(71)Name of Applicant : 1)USV LIMITED Address of Applicant :B.S.D.MARG,STATION ROAD,GOVANDI,MUMBAI-400 088, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)TARUR VENKATASUBRAMANIAN RADHAKRISHNAN
(33) Name of priority country	:NA	2)SATHE DHANANJAY GOVIND
(86) International Application No	:NA	3)MONDKAR HARISH KASHINATH
Filing Date	:NA	4)BHOPALKAR RAJESH GANPAT
(87) International Publication No	: NA	5)PATIL SAMADHAN DAULAT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 18

(57) Abstract :

The present invention discloses a novel process and novel intermediates for the preparation of 4-[2-(di-n-propyl amino)ethyl]-1,3-dihydro-2H-indol-2-one,commonly known as Ropinirole (I),being useful in cardiovascular therapy and an agent useful in treating Parkinson"s disease.

(54) Title of the invention : FLUID MONITORING APPARATUS AND METHOD

(51) International classification	:G01N33/18
(31) Priority Document No	:0326659.0
(32) Priority Date	:15/11/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/004728
Filing Date	:08/11/2004
(87) International Publication No	:WO2005/052573A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

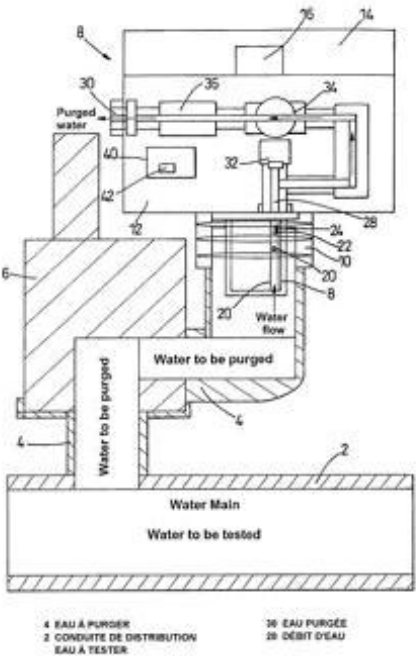
(71) Name of Applicant : 1)INTELISYS LTD. Address of Applicant :Campus Ventures Centre, Oxford Road, Manchester M13 9PL U.K.
(72) Name of Inventor : 1)BOYD, Nathan

No of Pages : 14

No of Claims : 23

(57) Abstract :

A fluid monitoring apparatus for monitoring a fluid in a fluid mains supply, the apparatus comprising means for connecting the apparatus to the mains supply, a testing chamber, a fluid tester, testing a variable of a fluid in the testing chamber and a purger for purging a volume of fluid from the testing chamber which volume of fluid is substantially larger than the volume of the testing chamber, thereby replacing the fluid in the testing chamber with a new fluid volume.



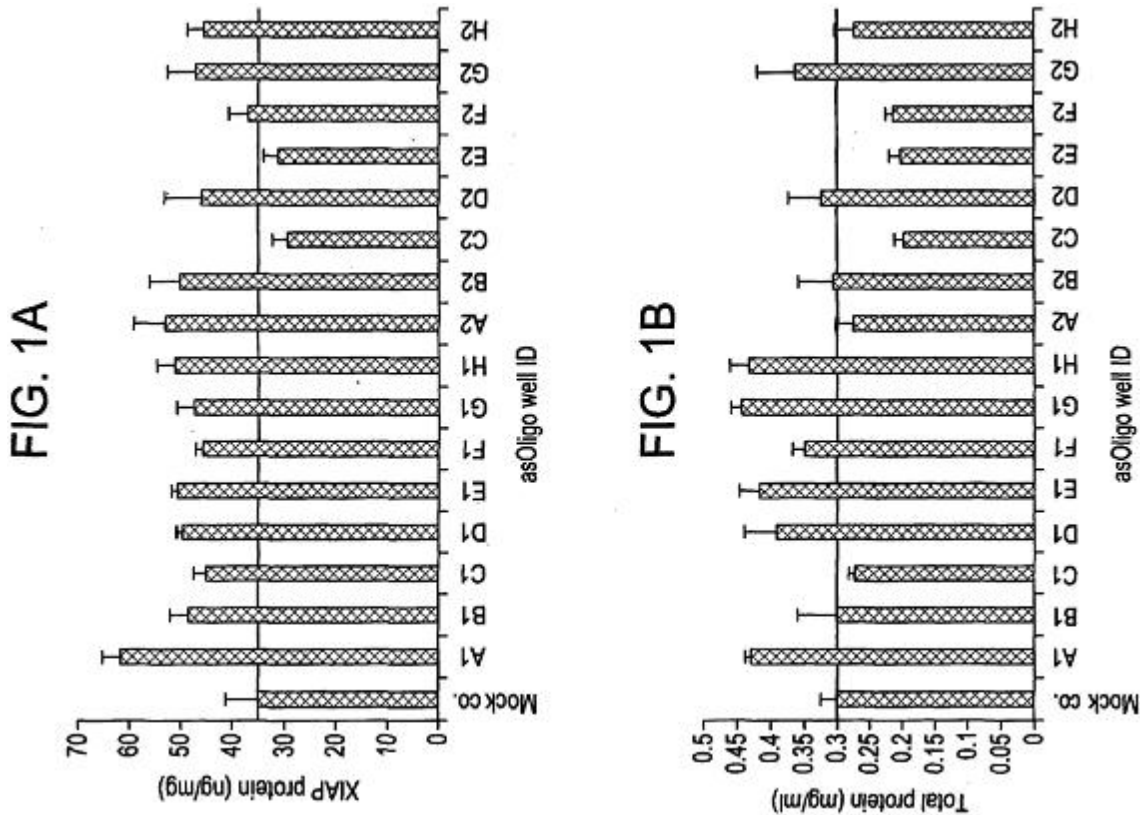
(54) Title of the invention : TREATMENT OF PROLIFERATIVE DISEASES USING AN ANTISENSE IAP OLIGOMER AND CHEMOTHERAPEUTIC AGENT

(51) International classification	:A61K48/00	(71)Name of Applicant :	
(31) Priority Document No	:60/516,263	1)Aegera Therapeutics, Inc.	
(32) Priority Date	:30/10/2003	Address of Applicant :810 Chemin du Golf, Nun's Island, Quebec H3E	
(33) Name of priority country	:U.S.A.	1A8 Canada	
(86) International Application No	:PCT/CA2004/001900	(72)Name of Inventor :	
Filing Date	:29/10/2004	1)Lacasse, Eric	
(87) International Publication No	:WO2005/042030A1	2)McManus, Daniel	
(61) Patent of Addition to Application Number	:NA	3)Durkin, Jon, p.	
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 134

No of Claims : 85

(57) Abstract :
The invention features the use of an antisense oligomer to XIAP, HIAP-1 or HIAP-2 and a chemotherapeutic agent and compositions and kits thereof, for the tratment of prolifer diseases.



(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATIC RESET OF PRE-PROGRAMMED CIRCUITS IN CASE OF FAILURES IN TRANSPORT NETWORKS

(51) International classification :H04J3/08
 (31) Priority Document No :MI2003A002443
 (32) Priority Date :12/12/2003
 (33) Name of priority country :Italy
 (86) International Application No :PCT/EP2004/053318
 Filing Date :07/12/2004
 (87) International Publication No :WO2005/060134A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

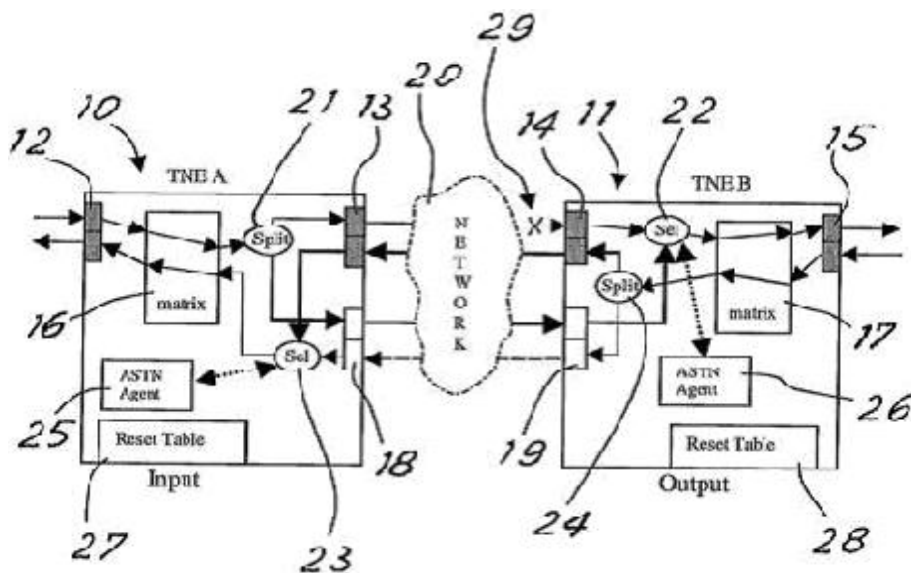
(71)Name of Applicant :
1)MARCONI COMMUNICATIONS SPA
 Address of Applicant :Via Lodovico Calda, I-5-16153 Genova Italy
 (72)Name of Inventor :
1)CAVIGLIA, Diego

No of Pages : 20

No of Claims : 8

(57) Abstract :

A network system comprises at least one input TNE (10) and one output TNE (11) interconnected by circuits in the network (20). Each TNE in the protection step comprises a traffic selector (22, 23) switchable between listening to the traffic input from a work circuit (13, 14) and listening to the traffic input from a reset circuit (18, 19) and a Split module (21, 24) allowing sending of a same traffic output either to a work circuit or to a reset circuit. Each TNE comprises in addition an agent (25, 26) termed ASTN agent commanding activation and deactivation of the reset circuit and switching of the traffic selector between work circuit and reset circuit. Each of the two ASTN agents can emit an "Activate" message to command activation of the reset circuit and signal to the other agent completed activation of the reset circuit and a "RevertRequest" message for signaling to the other agent the desire to deactivate the reset circuit previously activated, and a "Revert" message for commanding deactivation of the reset circuit after reception of a "RevertRequest" message sent to it by the other agent.



(54) Title of the invention : INTACT MINICELLS AS VECTORS FOR DNA TRANSFER AND GENE THERAPY IN VITRO AND IN VIVO

(51) International classification :C07K
 (31) Priority Document No :60/328,801
 (32) Priority Date :15/10/2001
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/IB02/04632
 Filing Date :15/10/2002
 (87) International Publication No :WO03/033519A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

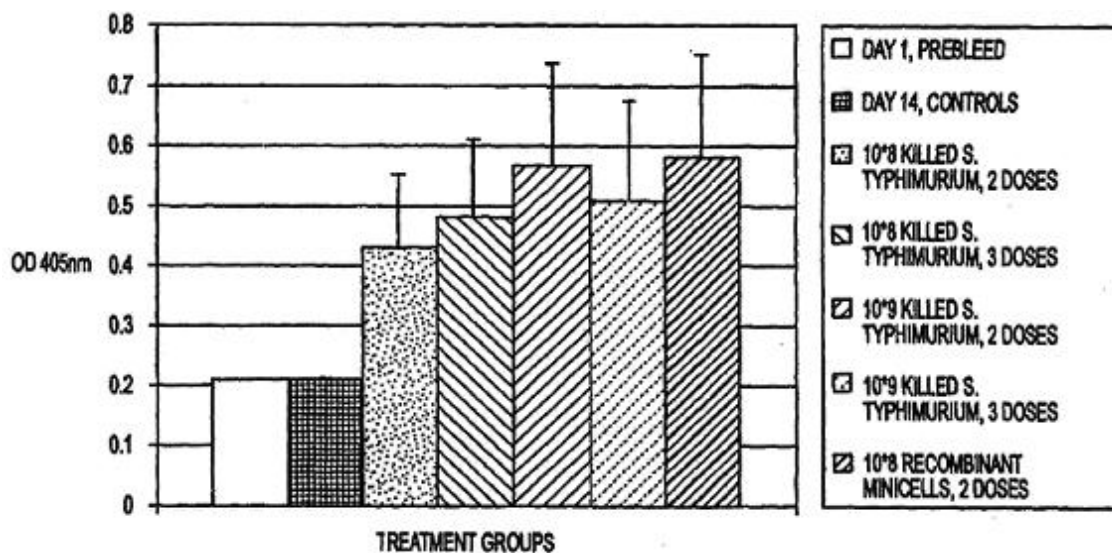
(71)Name of Applicant :
1)ENGINEIC MOLECULAR DELIVERY PTY LTD
 Address of Applicant :105 Delhi Road,North Ryde, Sydney,NSW 2113
 Australia
 (72)Name of Inventor :
1)BRAHMBHATT,Himanshu
2)MACDIARMID,Jennifer

No of Pages : 78

No of Claims : 7

(57) Abstract :

A composition comprising recombinant, intact minicells that contain a therapeutic nucleic acid molecule is disclosed. Methods for purifying a preparation of such minicells also are disclosed. Additionally, a genetic transformation method is disclosed, which comprises (i) making recombinant, intact minicells available that contain a plasmid comprised of a first nucleic acid segment, and (ii) bringing the minicells into contact with mammalian cells that are engulfing-competent, such that the minicells are engulfed by the mammalian cells, which thereafter produce an expression product of the first nucleic acid segment.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.657/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : FROZEN CONFECTIONERY PRODUCT COMPRISING ICE STRUCTURING PROTEINS

(51) International classification	:A23G9/02,
(31) Priority Document No	:03257755.3
(32) Priority Date	:10/12/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/010630
Filing Date	:20/09/2004
(87) International Publication No	:WO2005/058058
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
Address of Applicant :Hindustan Lever House,165-
166,Backbay,Reclamation,Mumbai-400 020, Maharashtra India

(72)**Name of Inventor :**
1)LINDNER Nigel Malcolm
2)OLDROYD Jon Richard
3)SZTEHLO Andrew
4)TOWELL Deborah Jane

No of Pages : 18

No of Claims : 13

(57) Abstract :

A frozen confectionery product is provided comprising a plurality of discrete unaerated dairy frozen confections, each discrete frozen confection being able to contact directly other discrete frozen confections in the product, which frozen confections comprise an ice structuring protein (ISP) and have an average volume of less than 1 ml.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.661/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : LIQUID DETERGENT COMPOSITION

(51) International classification	:C11D3/386
(31) Priority Document No	:03078937.4
(32) Priority Date	:11/12/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/013373
Filing Date	:25/11/2004
(87) International Publication No	:WO2005/059077
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
Address of Applicant :Hindustan Lever House,165-166 Backbay
Reclamation,Mumbai 400 020, Maharashtra India
(72)**Name of Inventor :**
1)OUWENDIJK-VRIJENHOEK Maartje
2)SONMEZER Derdiyok
3)VEERMAN Simon Marinus

No of Pages : 38

No of Claims : 13

(57) Abstract :

The present invention provides a liquid detergent composition comprising an effective amount of an enzyme, 0.001-3% wt of a perfume ingredient, and 0.005-2% wt of an anti-oxidant. It has been found that the storage stability of the enzyme -which is preferably a protease- can be drastically improved by the addition of the anti-oxidant.

(54) Title of the invention : A MOBILE DEVICE WITH A COMBINATION CAMERA AND LOUDSPEAKER

(51) International classification :H04M1/03(2006.01)
 (31) Priority Document No :10/733,593
 (32) Priority Date :11/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/020004
 Filing Date :22/06/2004
 (87) International Publication No :WO2005/062604A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

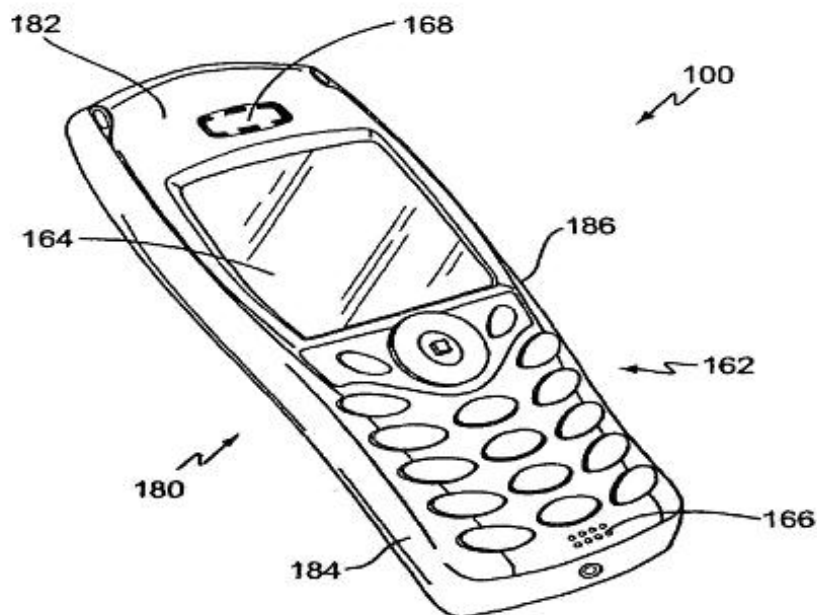
(71)**Name of Applicant :**
1)SONY ERICSSON MOBILE COMMUNICATION AB
 Address of Applicant :Nya Vattentornet,S-221 88 Lund, Sweden
 (72)**Name of Inventor :**
1)EATON,Chris
2)MURRAY,Matthew,J.

No of Pages : 24

No of Claims : 34

(57) Abstract :

A combination camera and loudspeaker is described herein. The combination camera and loudspeaker includes a lens for selectively manipulating an image and a loudspeaker assembly disposed proximate the lens for projecting audible sounds. In one embodiment, a transparent piezo-electric aligned with at least a portion of the lens projects audible sound based on electrical signals applied to the piezo-electric diaphragm. In another embodiment, a speaker coil and magnet within the loudspeaker assembly encircles an outer perimeter of the lens, while a transparent diaphragm connected to the speaker coil and aligned with at least a portion of the lens projects audible sound based on the interaction between the speaker coil and magnet. The camera captures an image when light is transmitted through the transparent diaphragm to the camera lens. Further, the combination camera and loudspeaker may include a controller for selectively controlling optical properties of the transparent diaphragm.



(54) Title of the invention : SYNTHESIS OF ACYLOXYALKYL CARBAMATE PRODRUGS AND INTERMEDIATES THEREOF

(51) International classification		:C07D207/40	(71)Name of Applicant :
(31) Priority Document No		:60/533.649	1)XENOPORT, INC.
(32) Priority Date		:30/12/2003	Address of Applicant :3410 Central Expressway, Santa Clara, California
(33) Name of priority country		:U.S.A.	95051 U.S.A.
(86) International Application No		:PCT/US2004/043823	(72)Name of Inventor :
Filing Date		:30/12/2004	1)GALLOP, Mark A.
(87) International Publication No		:WO2005/066122A3	2)DAI, Xuedong
(61) Patent of Addition to Application Number		:NA	3)SCHEUERMAN, Randall A.
Filing Date		:NA	4)RAILLARD, Stephen P.
(62) Divisional to to Application Number		:NA	5)MANTHATI, Suresh K.
Filing Date		:NA	6)YAO, Fenmei
			7)PHAN, Thu
			8)LUDWIKOW, Maria
			9)PENG, Ge
			10)BHAT, Seema

No of Pages : 75

No of Claims : 85

(57) Abstract :

Methods for synthesis of 1-(acyloxy)-alkyl carbamates, particularly, the synthesis of 1-(acyloxy)-alkyl carbamate prodrugs of primary or secondary amine containing drugs are described. Also described are methods for synthesis of 1-(acyloxy)-alkyl N-hydroxysuccinimidyl carbonates which are useful intermediates in the synthesis of 1-(acyloxy)-alkyl carbamates are also described.

(54) Title of the invention : EXFOLIATED NANOCLOUDS

(51) International classification :C01B 33/40.
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/IN2004/00009
 Filing Date :13/01/2004
 (87) International Publication No :WO2005/068364A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)INDIAN PETROCHEMICALS CORPORATION LIMITED

Address of Applicant :P.O.Petrochemicals District Vadodara 391

346,Gujarat,India Gujarat India

2)RELIANCE INDUSTRIES LTD

(72)Name of Inventor :

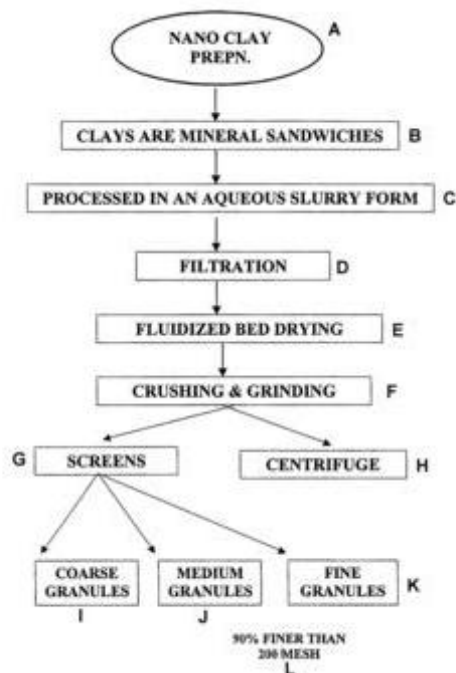
1)BANERJI,Sujit**2)KULSHRESHTHA,Anand****3)RAO,Karumanchi,Venkateshwara****4)PATIL,Anil,Vitthal****5)MAITI,Ajit,Kumar****6)XAVIER,Sodagudi,Francis**

No of Pages : 21

No of Claims : 42

(57) Abstract :

The present invention discloses exfoliated nanoclays and a process for preparation thereof from ordinary layered smectic clays [such as bentonite mineral clay from Gujarat]. The procedure by which exfoliation occurs in clay is by insertion of intercalants (chemicals/swelling agents/solvents/monomers/polymers). These intercalants may form a compound with clay and disturb regularity in the arrangement of layers. By these processes it is possible to obtain partially or fully exfoliated bentonite nanoclay and also using Cloisite 20A. Tensile strength at break of new nanocomposite was 3.5 times that of commercial one.

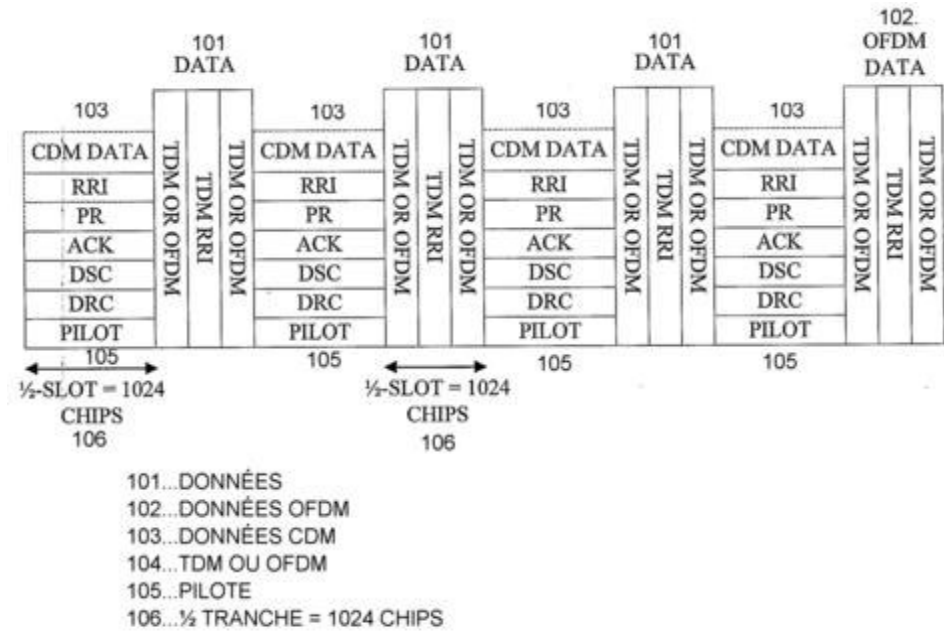


(54) Title of the invention : HYBRID TDM/OFDM/CDM REVERSE LINK TRANSMISSION

(51) International classification	:H04Q 7/38.	(71)Name of Applicant :
(31) Priority Document No	:60/518,968	1)QUALCOMM INCORPORATED
(32) Priority Date	:10/11/2003	Address of Applicant :5775 Morehouse Drive, San Diego, California
(33) Name of priority country	:U.S.A.	92121-1714, U.S.A.
(86) International Application No	:PCT/US2004/037405	(72)Name of Inventor :
Filing Date	:10/11/2004	1)ATTAR, Rashid, A.
(87) International Publication No	:WO2005/048640A1	2)SINDHUSHAYANA, Nagabhushana
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 77No of Claims : 40

(57) Abstract :
A communication system includes a plurality of access terminals, and an access network. The access network schedules a transmission of data in a time interval from one of the access terminals. The access network selects a multiple access transmission mode from a plurality of multiple access transmission modes, and broadcasts the selected multiple access transmission mode to the access terminals. The selected mode may include a mode in which data is code-division-multiplexed during the time interval, and modes in which data is code-division-multiplexed during a first portion of the time interval, and data is either time-division-multiplexed or orthogonal-frequency-division-multiplexed during a second portion of the time interval.



(54) Title of the invention : MANUFACTURING PROCESS OF 2,2-DIMETHYLBUTYRIC ACID 8-ESTER OF [1,2,6,7,8,8a(R)-HEXAHYDRO-2(S),6(R)-DIMETHYL-1(S)-NAPHTHYL-ETHYL]TETRAHYDRO-4-HYDROXY-2H-PYRAN-2-ONE FROM BROTH CONTAINING A METABOLITE [1,2,6,7,8,8a(R)-HEXAHYDRO-2(S),6(R)DIMETHYL-8(S)METHYL-1-OXABUTOXY-1-NAPHTHYL]-3(R),5(R)DIHYDROXY HEPTANOIC ACID

(51) International classification	:C07D 309/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S THEMIS CHEMICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :11/12 UDYOG NAGAR INDUSTRIAL ESTATE,
(33) Name of priority country	:NA	S.V. ROAD, GOREGAON (W), MUMBAI - 400 104, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DINESH S PATEL
(87) International Publication No	: NA	2)SHASHIKANT P KURANI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 13

(57) Abstract :

A novel economic process for preparation of cholesterol and lipid reducing agents directly from conversion from [1,2,6,7,8,8a(R)-hexahydro-2(S),6(R)dimethyl-8(S)-2(S)-methyl-1-oxabutoxy-1-Naphthyl]-3(R),5(R)dihydroxy heptanoic acid derived from *Aspergillus gloriosus* which is rich in hydroxy acid metabolite. The process of invention is carried out by taking the reactant into organic solvent and subsequent stages of amidation using cyclic amines to form amide and reacting the amide of formula (II) with lewis acid like aryl boronic acid. Then subsequently subjecting the same for methylation using n-butyllithium and amines like pyrrolidine, dicyclohexylamine, di-isopropylamine piperidine, N-methyl piperazine and methyl-halide at a very low temperature ranging from -20 to -60 deg. Centigrade for about 7 to 24 hours in ethereal solvents like tetrahydrofuran, 1,4-dioxane, diethylether, di-isopropylether etc. and the resultant product obtained. It is further subjected to treatment for de-protection of diol with solvents like methanol, ethanol, isopropanol, propanol etc. and subsequently so obtained product With anion-exchange resin like styrene-divinylbenzene, chloromethylated polystyrene-divinylbenzene, polystyrene, the resultant product is treated with mineral acid like hydrochloric acid or fatty acids like formic acid, acetic acid, or Dicarboxylic acid like Succinic acid, Oxalic acid, etc. for 12 to 16 hours at about 80 - 85 deg. Centigrade to obtain the compound and then subjecting the resultant product for the crystallization with hydrocarbons like hexane, heptanes, cyclohexanes, esters like methylacetate, ethylacetate and alcohols like methanol etc. which further on recrystallisation with solvents like cyclohexane, methylacetate, ethylacetate, methanol, ethanol, isopropanol gives high purity of compound without isolating any of the intermediates and by checking all the convergen steps using conventional method of HPCL and TLC.

(54) Title of the invention : THE GLUCAGON-LIKE PEPTIDE-1 RECEPTOR AGONISTS, THE PREPARATION AND THE USE OF THE SAME.

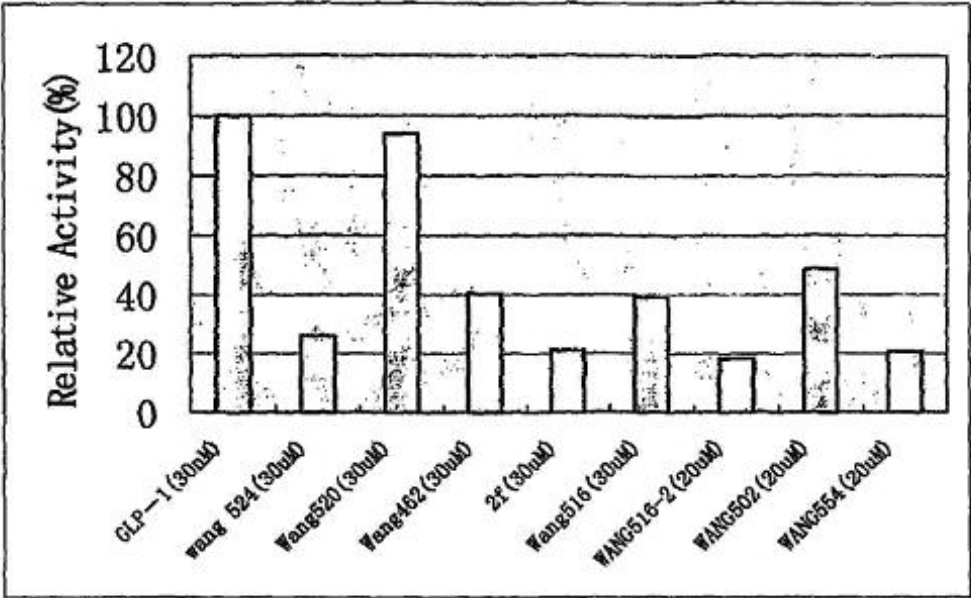
(51) International classification	:C07D 263/42	(71)Name of Applicant :
(31) Priority Document No	:2003101093 31.0	1)SHANGHAI INSTITUTE OF MATERIA MEDICA CHINESE
(32) Priority Date	:12/12/2003	ACADEMY OF SCIENCES
(33) Name of priority country	:China	Address of Applicant :555 Zu Chong Zhi Road, Pudong New District,
(86) International Application No	:PCT/CN2003/001115	Shanghai 201203, China
Filing Date	:25/12/2003	2)CHINESE ACADEMY OF SCIENCES
(87) International Publication No	:WO2005/056537A1	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NAN, Fajun
Filing Date	:NA	2)WANG, Mingwei
(62) Divisional to to Application Number	:NA	3)WANG, Wenlong
Filing Date	:NA	4)ZHOU, Caihong

No of Pages : 37

No of Claims : 10

(57) Abstract :

The present invention provides the glucagon-like peptide-1 receptor agonists. It is indicated that the agonists have good binding capability to glucagon-like peptide-1 receptor by pharmacological tests. The present invention also provides the preparation of the agonists.



(54) Title of the invention : METHODS AND DEVICES FOR FABRICATING THREE- DIMENSIONAL NANOSCALE STRUCTURES.

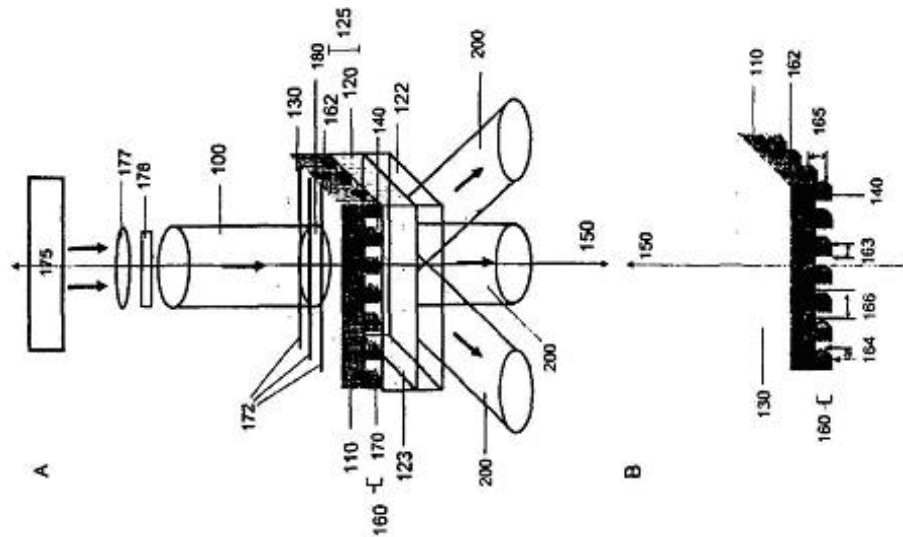
(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date :B82B :60/526,245 :01/12/2003 :U.S.A. :PCT/US2004/040192 :01/12/2004 :WO2005/054119A2 :NA :NA :NA :NA	(71)Name of Applicant : 1)The Board of Trustees of the University of Illinois Address of Applicant :352 Henry Administration Building 506 South Wright Street Urbana, Illinois 61801, U.S.A. (72)Name of Inventor : 1)John A. Rogers 2)Seokwoo Jeon 3)Jangung Park

No of Pages : 100

No of Claims : 63

(57) Abstract :

The present invention provides methods and devices for fabricating 3D structures and patterns of 3D structures on substrate surfaces, including symmetrical and asymmetrical patterns of 3D structures. Methods of the present invention provide a means of fabricating 3D structures having accurately selected physical dimensions, including lateral and vertical dimensions ranging from 10s nanometers to 1000s nanometers. In one aspect, methods are provided using a mask element comprising a conformable, elastomeric phase mask capable of establishing conformal contact with a radiation sensitive material undergoing photoprocessing. In another aspect, the temporal and/ spatial coherence of electromagnetic radiation using for photoprocessing is selected to fabricate complex structures having nanoscale features that do not extend entirely through the thickness of the structure fabricated.



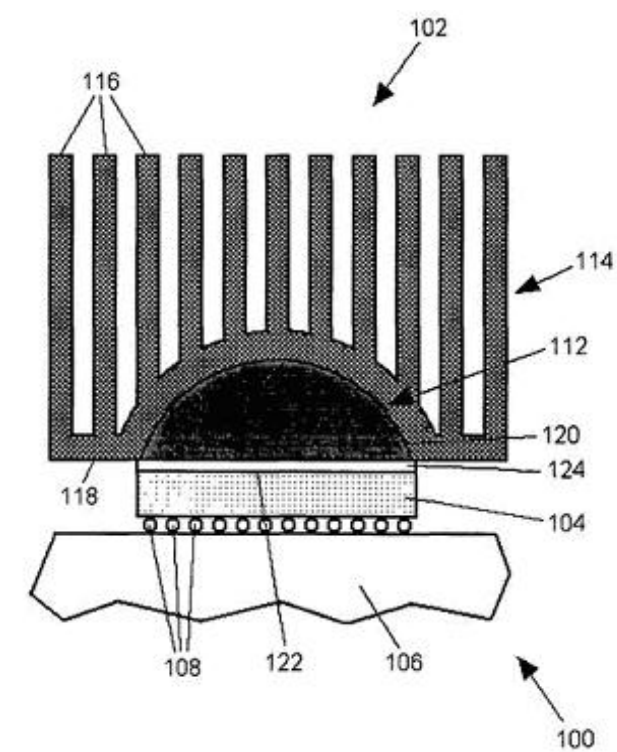
(54) Title of the invention : INJECTION MOLDED HEAT DISSIPATION DEVICE

(51) International classification	:B29C 45/16	(71)Name of Applicant :	
(31) Priority Document No	:09/750,411	1)INTEL CORPORATION	
(32) Priority Date	:27/12/2000	Address of Applicant :2200 MISSION COLLEGE BOULEVARD,	
(33) Name of priority country	:U.S.A.	SANTA CLARA, CALIFORNIA 95052, U.S.A.	
(86) International Application No	:PCT/US01/44649	(72)Name of Inventor :	
Filing Date	:20/11/2001	1)JOSEPH A. BENEFIELD	
(87) International Publication No	:WO 02/060669		
	A1		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 32

No of Claims : 28

(57) Abstract :
Heat dissipation devices and molding processes for fabricating such devices, which have at least two regions comprising different conductive materials such that efficient thermal contact is made between the different conductive materials. The molding processes include injection molding at least two differing conductive materials.



(54) Title of the invention : FIBER RICH FRACTION OF TRIGONELLA FOENUM-GRACUM SEEDS AND ITS USE AS A PHARMACEUTICAL EXCIPIENT

(51) International classification :B02C
 (31) Priority Document No :PCT/IN03/00364
 (32) Priority Date :24/11/2003
 (33) Name of priority country :India
 (86) International Application No :PCT/IN2004/000253
 Filing Date :20/08/2004
 (87) International Publication No :WO2005/049211A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :221,Annexe Building, Goregaon- Mulund Link Road, Opposite Indra Container Yard, Off L.B.S.Marg, Bhandup(W),Mumbai 400 078 Maharashtra India

(72)Name of Inventor :

1)PILGAONKAR,Pratibha,Sudhir

2)RUSTOMJEE,Maharukh,Tehmasp

3)GANDHI, Anilkumar, Surendrakumar

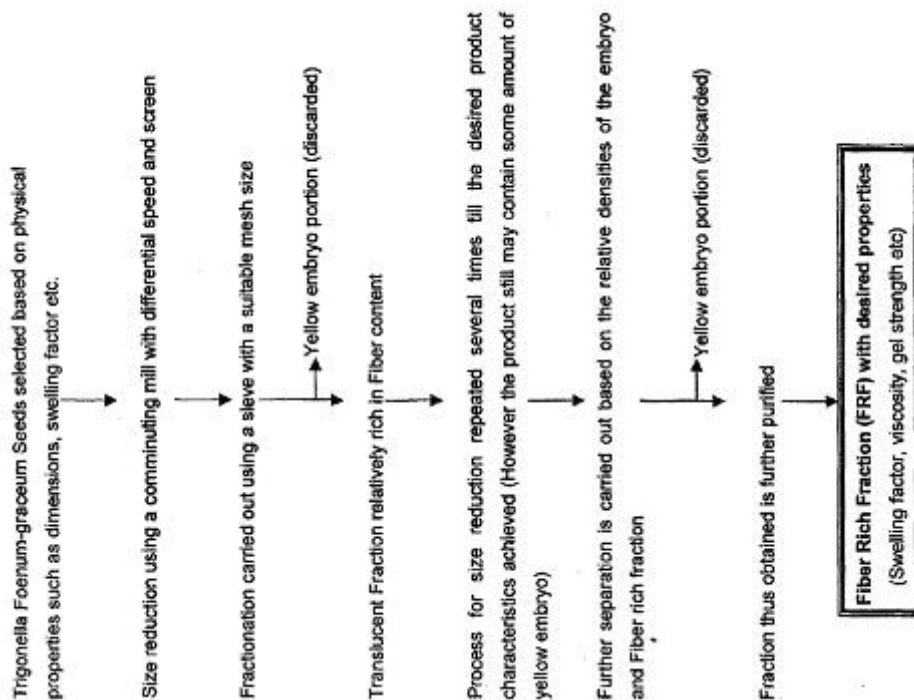
4)BHUMRA,Vinderjit,Sarjit

No of Pages : 44

No of Claims : 20

(57) Abstract :

A novel solvent free process of obtaining an insoluble fiber rich fraction from Trigonella Foenum-graecum seeds is disclosed. The multifunctional fiber rich fraction (FRF) and highly purified FRF are useful as excipients for pharmaceutical dosage forms for various routes of administration. These excipients can be used as binder, disintegrant, filler, dispersing agent, coating agent, film forming agent, thickener and the like, for preparation of variety of dosage forms. FRF and highly purified FRF can also be used in a controlled release, targeted release and other specialized delivery systems, as well as in food and cosmetics formulation.



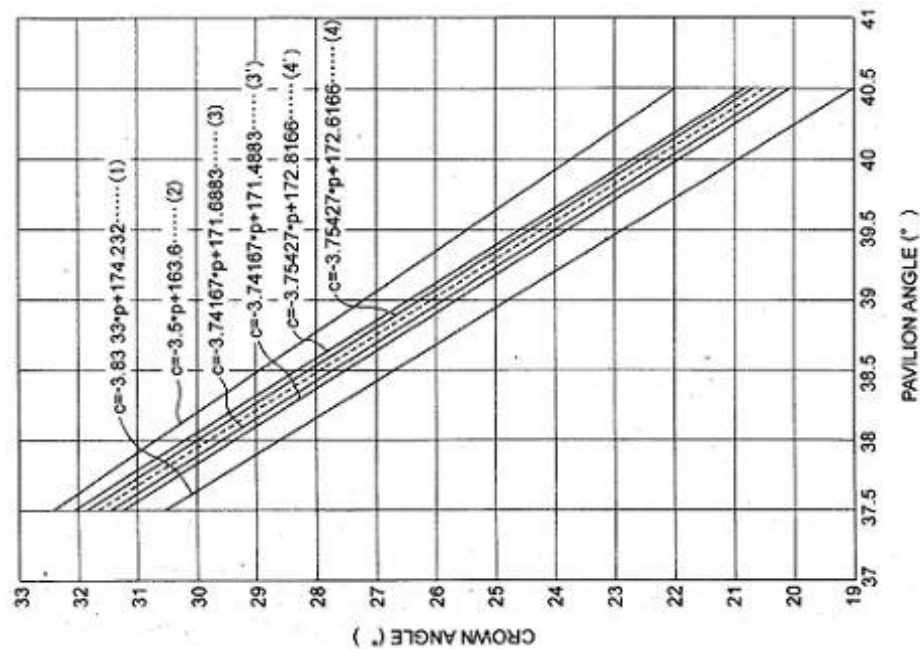
(54) Title of the invention : CUT DESIGN OF DIAMOND FOR ORNAMENTAL USE

(51) International classification	:A44C17/00	(71)Name of Applicant :	
(31) Priority Document No	:2000-255039	1)HOHOEMI BRAINS, INC	
(32) Priority Date	:25/08/2000	Address of Applicant :10-27, MINAMI-SEMBA 2-CHOME, CHUOH-KU, OSAKA, Japan	
(33) Name of priority country	:Japan	(72)Name of Inventor :	
(86) International Application No	:NA	1)YOSHINORI KAWABUCHI	
Filing Date	:NA	2)TAMOTSU MATSMURA	
(87) International Publication No	: NA		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 49

No of Claims : 10

(57) Abstract :
A cut design for diamonds having a crow of substantially a frustum shape and substantially a conic pavilion directly under the frustum part, the diamond being enhanced in the brilliancy and scintillation of its crow part, the brilliancy and scintillation twinkling, and bluish lights being returned as reflected lights. A crown angle and a pavilion angle pare so determined that lights coming in the table facet and emitted from crown facets and emitted the observer at the same time. Further, it is preferable to determine the crown angle c and the pavilion angle p so that the angles formed by incident lights and emitted lights should be between or equal to 0.60 and 0.33, more preferably not more than 0.55 and even more preferably not more than 0.38, in ratio to the girdle diameter.



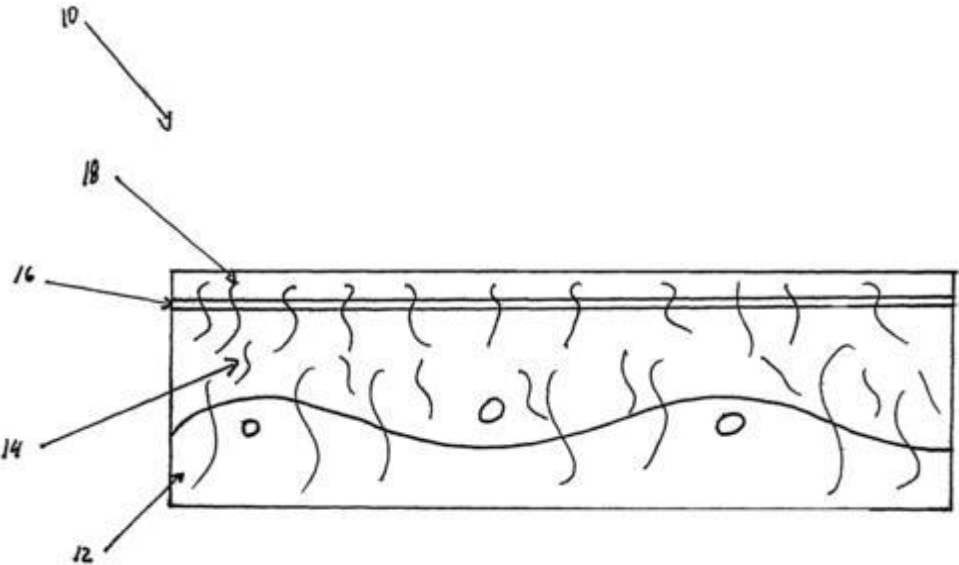
(54) Title of the invention : AN INDUSTRIAL FABRIC HAVING A LAYER OF A FLUOROPOLYMER AND METHOD OF MANUFACTURE

(51) International classification :D21F 7/08 (31) Priority Document No :10/740,126 (32) Priority Date :17/12/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2004/041121 Filing Date :08/12/2004 (87) International Publication No :WO2005/061788A1 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)Albany International Corp. Address of Applicant :1373 Broadway,Albany,New York 12204 U.S.A. (72)Name of Inventor : 1)Dana Eagles

No of Pages : 20

No of Claims : 31

(57) Abstract :
The present invention is directed to an industrial fabric that is rendered contamination resistant and maintains good permeability as a result of a durable anti-contaminate material that lasts the entire life of the fabric. A fluoropolymer material will render the fabric contamination resistant over the entire fabric lifetime.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.711/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :16/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : ADSORPTION MATERIAL AND PROCESS FOR ITS PRODUCTION

(51) International classification	:B01J 20/24
(31) Priority Document No	:0303072-3
(32) Priority Date	:19/11/2003
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2004/001691
Filing Date	:18/11/2004
(87) International Publication No	:WO2005/049197A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Chelos AB

Address of Applicant :c/o.Advokatfirman Lindahl KB Box 1203,751 42
UPPSALA,Sweden Sweden

(72)Name of Inventor :

1)LINDGREN,Goran

No of Pages : 15

No of Claims : 16

(57) Abstract :

An adsorption material and a process for retention of heavy metals from aqueous solutions and a process for production of the material are disclosed. The production process comprises a pre-treatment to cause covalent bonding of polyethylene-imine to cellulosic material. A filter unit and a filter device are also claimed.

(54) Title of the invention : CONFECTIONERY PRODUCT

(51) International classification :A23G
 (31) Priority Document No :03257994.8
 (32) Priority Date :18/12/2003
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2004/013870
 Filing Date :06/12/2004
 (87) International Publication No :WO2005/058054A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

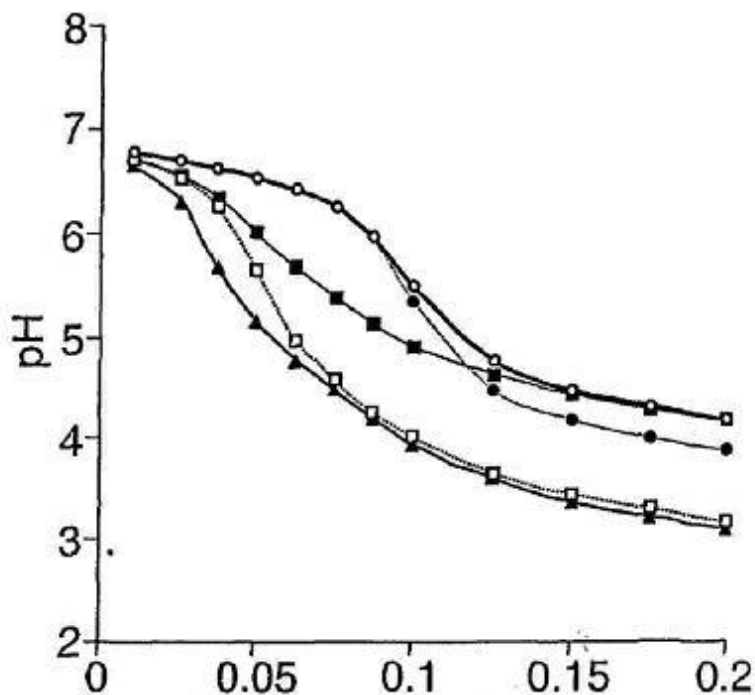
(71)Name of Applicant :
1)HINDUSTAN LEVER LIMITED
 Address of Applicant :Hindustan Lever House,165-166
 Backbay,Reclamation Mumbai 400 020, Maharashtra India
 (72)Name of Inventor :
1)BIRKETT Neil Richard
2)COX Andrew Richard
3)KEENAN Robert Daniel
4)WATTA Karen Margaret

No of Pages : 22

No of Claims : 20

(57) Abstract :

A dry confectionery premix is provided for the preparation of an aerated confectionery product which premix comprises: (i) a carbon dioxide generating composition comprising an acid and a carbonate; and (ii) a stabiliser; such that when the premix is mixed with water to give a final solids content of at least about 20 wt%, an aerated confectionery product is formed, in the absence of mechanical aeration, having an overrun of at least about 30% and a pH of greater than about 5.4.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.715/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : DETERGENT GRANULES AND PROCESS FOR THEIR MANUFACTURE

(51) International classification	:C11D 17/00.
(31) Priority Document No	:03079123.0
(32) Priority Date	:19/12/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/013249
Filing Date	:19/11/2004
(87) International Publication No	:WO2005/059083A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HINDUSTAN LEVER LIMITED

Address of Applicant :Hindustan Lever House,165-166 Backbay
Reclamation,Mumbai,400 020, Maharashtra India

(72)Name of Inventor :

1)BOEREFIJN Renee

2)GOEDENDORP Pieter Leendert

No of Pages : 19

No of Claims : 15

(57) Abstract :

A granulate detergent product comprising coated granules which comprise a functional core which comprises one or more deterative agents selected from surfactants and detergency builders, the coated granules further comprising up to 10% by weight of a coating which comprises encapsulated perfume.

(54) Title of the invention : A PREFORM OF A PLASTIC CONTAINER PARTICULARLY FOR PACKAGING FOODSTUFFS

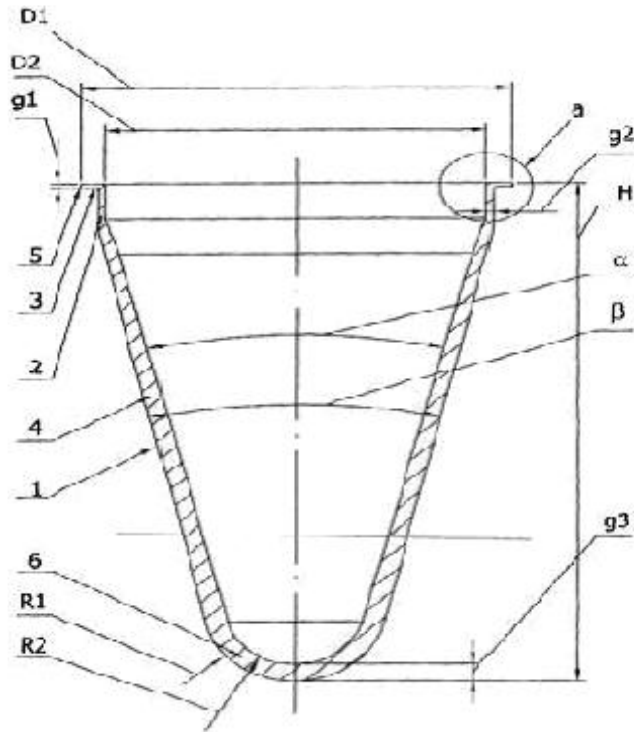
(51) International classification	:B65D1/02,	(71)Name of Applicant :
(31) Priority Document No	:P.363595	1)INVENTO SPOLKA Z O.O.
(32) Priority Date	:20/11/2003	Address of Applicant :Ul. Wilcza 50/52 lok.706, PL-00679 Warszawa
(33) Name of priority country	:Poland	Poland
(86) International Application No	:PCT/PL2004/000092	(72)Name of Inventor :
Filing Date	:19/11/2004	1)MILKOWSKI,Bogumil
(87) International Publication No	:WO2005/049434A1	2)LEWANDOWSKI,Dariusz
(61) Patent of Addition to Application Number	:NA	3)TOBOROWICZA,Andrzej
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 5

(57) Abstract :

This invention relates to the preform to produce a plastic container for packaging foodstuffs, and especially to blow mould thin-walled containers which can be hermetically closed with a metal lid by double seaming. The preform (1) includes a body (4) and a convex hemispherical bottom (6). The body (4) has a conical shape that flares towards a cylindrical neck (2) surrounded by a flange (3) that terminates in a thickened rim (5). Preferably, the angle (α) at which the internal body surface (4) flares towards the cylindrical neck (2) is greater than the angle (β) at which the external body surface (4) opens upwards, and the thickness (g_2) of the cylindrical neck (2) is less than the thickness (g_3) of the bottom (6).



(54) Title of the invention : BACKPACK

(51) International classification :A45F 3/08
 (31) Priority Document No :10-2003-0082372
 (32) Priority Date :19/11/2003
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2004/001494
 Filing Date :22/06/2004
 (87) International Publication No :WO 2005/048769A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SANCHEONG CO.,LTD.

Address of Applicant :185,Songmun-ri, Yangji-myeon,Yongin-si,Gyeonggi-do 449-823 Republic of Korea

(72)Name of Inventor :

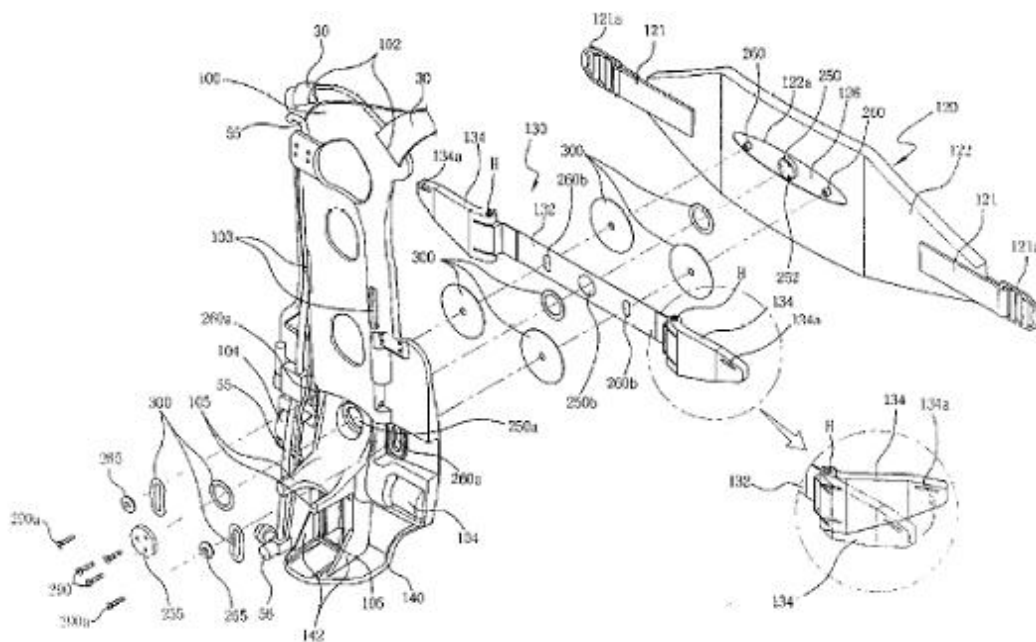
1)KIM,Jong-Kee

No of Pages : 70

No of Claims : 17

(57) Abstract :

A backpack for back-mounting a compressed-air cylinder, fastened to the backpack by a cylinder fastening belt, when a user wears harnesses and a waist belt. The backpack includes a backboard (100) having support hooks (105) to support the compressed-air cylinder (50); a harness support (130) for the harnesses (30) coupled to the backboard (100) so as to rotate upwards and downwards around the center; a waist protector (120) coupled to the backboard (100) in the back of the harness support (130) so as to cover and protect the back of the user's waist; and a rotary unit for rotatably supporting both the harness support (130) and the waist protector (120) on the backboard (100). The waist protector and the harness support move separately from the backboard by the rotary unit, thus allowing the user to work without stressed by the waist belt or the harnesses.



(54) Title of the invention : METHODS FOR ALTERING ONE OR MORE PARAMETERS OF A MEASUREMENT SYSTEM

(51) International classification :G01N15/14
 (31) Priority Document No :60/536,466
 (32) Priority Date :14/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/000509
 Filing Date :07/01/2005
 (87) International Publication No :WO2005/071389A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)LUMINEX CORPORATION

Address of Applicant :12212 Technology Blvd., Austin,TX 78727 U.S.A.

(72)Name of Inventor :

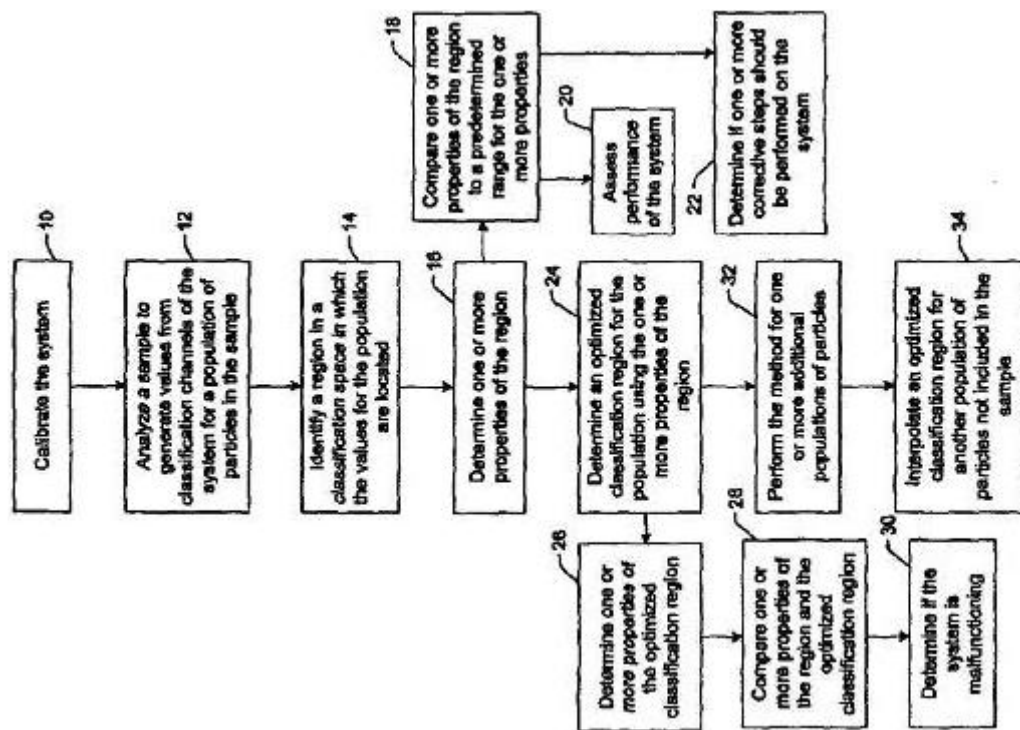
1)Edward Calvin

No of Pages : 34

No of Claims : 25

(57) Abstract :

Methods for altering one or more parameters of a measurement system are provided. One method includes analyzing a sample using the system to generate values from classification channels of the system for a population of particles in the sample. The method also includes identifying a region in a classification space in which the values for the populations are located. In addition, the method includes determining an optimized classification region for the population using one or more properties of the region. The optimized classification region contains a predetermined percentage of the values for the population. The optimized classification region is used for classification of particles in additional samples.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.739/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :23/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : BEVERAGES AND THEIR PREPARATION

(51) International classification	:A23L2/39
(31) Priority Document No	:0329832.0
(32) Priority Date	:23/12/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2004/013501
Filing Date	:26/11/2004
(87) International Publication No	:WO2005/063056A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
Address of Applicant :Hindustan Lever House, 165-166,Backbay
Reclamation, Mumbai 400 020 Maharashtra India

(72)**Name of Inventor :**
1)GREBENKAMPER Kai
2)KOHLUS Reinhard
3)VELIKOV Krassimir Petkov

No of Pages : 19

No of Claims : 15

(57) Abstract :

A process for making a powered precursor for preparing an acidic beverage upon admixture of the powdered precursor with a liquid, the process comprising the steps: (a) preparing a first slurry comprising a protein source and a stabiliser, said first slurry having a neutral or acidic pH; (b) adjusting the pH of the first slurry, if necessary, to a value in the range of from 2 to 6, preferably from 3.5 to 4.2; and (c) spray drying the first slurry after step (a) or step (b).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.740/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :23/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : BEVERAGES AND THEIR PREPARATION

(51) International classification	:A23J3/08
(31) Priority Document No	:0329833.8
(32) Priority Date	:23/12/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2004/013502
Filing Date	:26/11/2004
(87) International Publication No	:WO2005/063058A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HINDUSTAN LEVER LIMITED

Address of Applicant :Hindustan Lever House, 165-166,Backbay
Reclamation, Mumbai 400 020 Maharashtra India

(72)Name of Inventor :

1)GREBENKAMPER Kai

2)KOHLUS Reinhard

3)VELIKOV Krassimir Petkov

No of Pages : 16

No of Claims : 12

(57) Abstract :

A process for making a powdered precursor for preparing an acidic beverage upon admixture of the powdered precursor with a liquid, the process comprising the steps: (a) preparing a first slurry comprising a protein source and a polysaccharide stabiliser, said first slurry having a neutral or an acidic pH; (b) adjusting the pH of the first slurry, if necessary, to a value in the range of from 5.5 to 7.5, preferably 6 to 7.5, more preferably from 6 to 7; and (c) spray drying the first slurry after step (a) or step (b).

(54) Title of the invention : INTERVERTEBRAL DISC IMPLANT

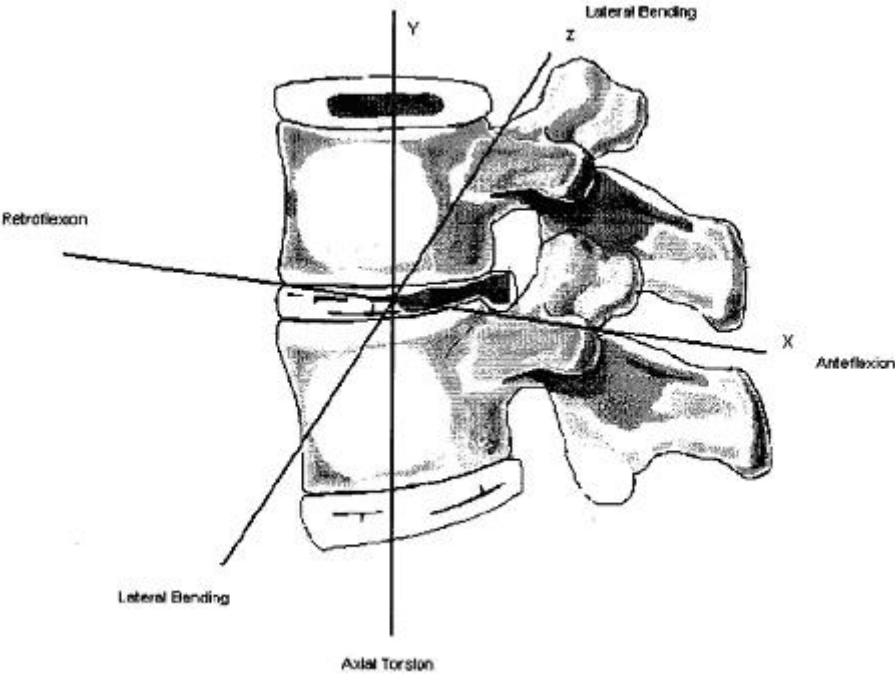
(51) International classification	:A61F2/00	(71)Name of Applicant :	
(31) Priority Document No	:DE 103 61 772.8	1)KLOSS,Henning	
(32) Priority Date	:31/12/2003	Address of Applicant :AllmendstaBe 17b 6373 Ennetburgen Switzerland	
(33) Name of priority country	:Germany	(72)Name of Inventor :	
(86) International Application No	:PCT/DE2004/002839	1)KLOSS,Henning	
Filing Date	:31/12/2004	2)Kilian Kraus	
(87) International Publication No	:WO/2005/063150	3)Bjorn Schafer	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 36

No of Claims : 0

(57) Abstract :

The invention relates to intervertebral disc implants that imitate the natural freedom of movement and facilitate translational and/or rotational displacements of the intervertebral disc in relation to the base plate, independently of the possible displacements of the base plate in relation to the intervertebral disc. To achieve said displacements, the intervertebral disc is mounted on the base plate by means of fixing elements located in the interior of the implant, in such a way that translational and/or rotational displacements can take place. In addition, the bearing surface between the top plate and the intervertebral disc is spherical, thus maximising the contact surface.



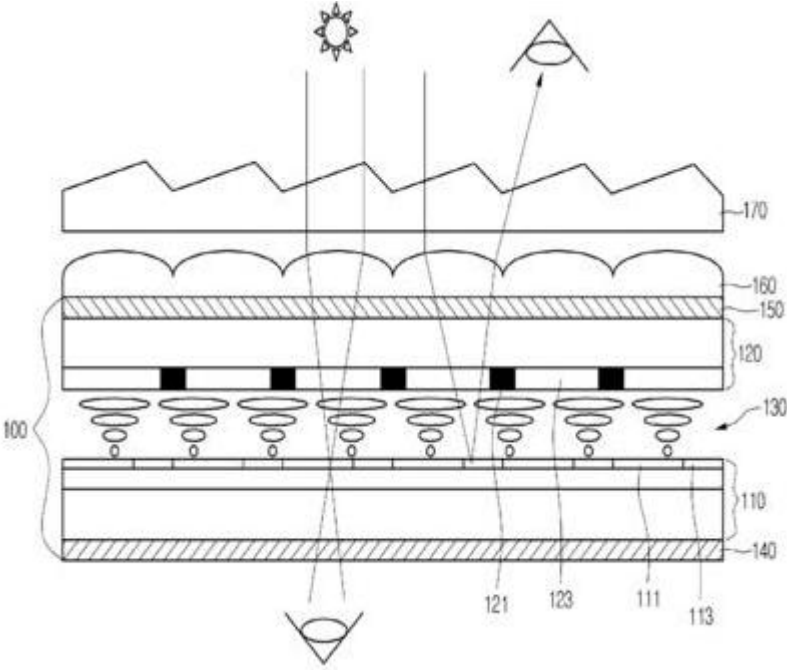
(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE AND MOBILE STATION HAVING THE SAME

(51) International classification :G02F1/1335		(71) Name of Applicant : 1)LG INNOTEK CO., LTD Address of Applicant :14th Fl.,Hansol Bldg, 736,Yoksam-dong, Kangnam-gu Republic of Korea
(31) Priority Document No	:10-2004-0113972	
(32) Priority Date	:28/12/2004	
(33) Name of priority country	:Republic of Korea	
(86) International Application No	:PCT/KR2005/004369	
Filing Date	:19/12/2005	
(87) International Publication No	:WO/2006/071012	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	
		(72) Name of Inventor : 1)KIM SUNG HO 2)HWANG HYUN HA

No of Pages : 22

No of Claims : 20

(57) Abstract :
A liquid crystal display device includes a transflective liquid crystal panel, a front light unit for supplying a light for displaying an image, and a micro lens sheet for receiving the light incident from the front light unit, and condensing the incident light on the transflective liquid crystal panel. In addition, a mobile communication terminal includes a liquid crystal display device having a transflective liquid crystal panel, a front light unit for supplying a light to display an image, and a micro lens sheet for receiving the light incident from the front light unit, and condensing the incident light on the transflective liquid crystal panel, a communication unit for communicating with an exterior, and a control unit for controlling the communication unit and the liquid crystal display device.



(54) Title of the invention : METHOD AND SERVER SYSTEM FOR TRANSFERRING AN OBJECT TO A WIRELESS DEVICE FROM A PREDETERMINED WEB PAGE

(51) International classification :G06F15/16G06F17/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

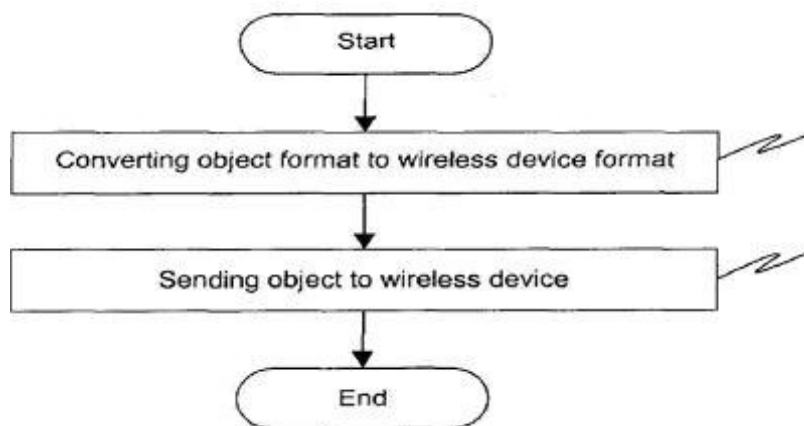
(71)**Name of Applicant :**
1)ITFINITY SOLUTIONS PRIVATE LIMITED
 Address of Applicant :304, Acropolis Military Road, Marol, Andheri (E)
 Bombay 400 059, Maharashtra India
 (72)**Name of Inventor :**
1)Nageswara Rao
2)HEMANT ATTRAY
3)KRISHNA JHA

No of Pages : 15

No of Claims : 21

(57) Abstract :

A method and system for transferring an object to a wireless device is provided. The method Includes converting the format of the object to a wireless-device-format in response to a user input. The object is embedded in a predetermined web page and the wireless-device-format is a corresponding format supported by the wireless device. The method further includes sending the object in the wireless-device-format to the wireless device.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.807/MUM/2001 A

(19) INDIA

(22) Date of filing of Application :20/08/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD AND SYSTEM FOR FASTENING A CASING OF A MULTI-TAP DISTRIBUTION APPARATUS

(51) International classification	:B65B51/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)LANTEK ELECTRONICS INC
(32) Priority Date	:NA	Address of Applicant :NO 9, LANE 369 SEC. 3, TA TUNG ROAD, HSI
(33) Name of priority country	:NA	CHIH, TAIPEI HSIEN, Taiwan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHAN JUAN LU
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 8

(57) Abstract :

A fastening system for a casing of a multi-tap distribution apparatus comprises a conveyer, and a screw fastened device. The conveyer provides a flat work platform and a plurality of locating plates are disposed above the work platform with an equal space apart from each other. Each locating plate is fixedly attached with a locating base and the locating plate at an inner side thereof is fixedly attached to an endless chain. The chain meshes with sprockets and the sprockets is able to turn for running the fastening system. The screw fastened device strides the work platform and provides a frame for an ascendable press rod, air tools and a detector being able to be fixedly attached to. The detector can send out a signal after detecting and the movable chain is stopped and the press rod descends to press against the casing. The air tools descend too to fit with nuts of the screws and to rotate for fastening the cover and the lower base together.

(54) Title of the invention : RAPID DIALLING

(51) International classification	:H04M1/26,H04M3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2004/000414
Filing Date	:19/03/2004
(87) International Publication No	:WO2005/091603A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

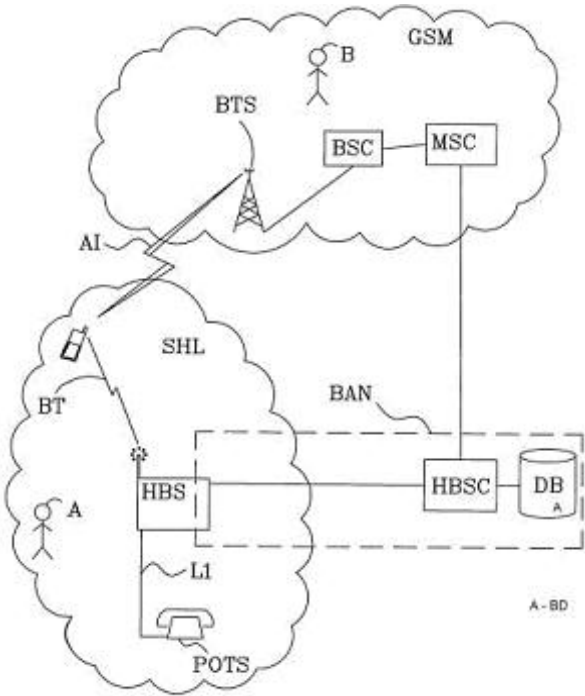
(71) Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :S-164 83 STOCKHOLM Sweden
(72) Name of Inventor : 1)JARREDAL ULF

No of Pages : 22

No of Claims : 13

(57) Abstract :

The present invention relates to methods and arrangements for rapid dialling in a telecommunication system that requires an indication of a B-number termination to establish a connection. The system is communicating with a telephone set. POTS without ability to indicate such termination. The method comprises the following steps: - A B-number is dialed using said telephone set (POTS). - A B-value (719) composed of the so far dialed digits is compared with a list (MRD) of records (11,719,001877) stored in a database (DB) in the system. - Conformity is found between the composed B-value (719) and a record (719) in said list (MRD), which found record points to a numeral (7) representing the total number of digits in the complete B-number.



(54) Title of the invention : CENTRIFUGAL ACTUATOR FOR AN ELECTRIC MOTOR STARTER SWITCH

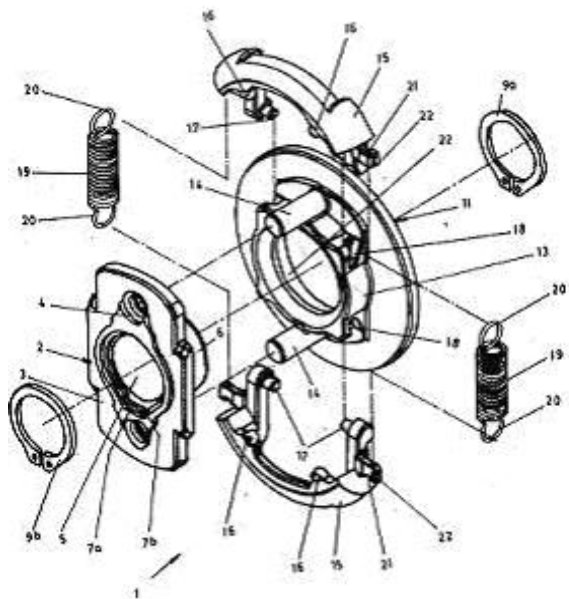
(51) International classification	:H02K11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CROMPTON GREAVES LTD
(32) Priority Date	:NA	Address of Applicant :CG HOUSE, DR. ANNIE BESANT ROAD,
(33) Name of priority country	:NA	PRABHADEVI, MUMBAI- 400 025, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SATHE MAHESH
(87) International Publication No	: NA	2)RAO GURUPRASAD KUPPU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 6

(57) Abstract :

A centrifugal actuator (1) for an electric motor starter switch. It comprises a base member (2) made of rigid plastics and provided with a pair of end flanges (3) each having formed therethrough a guide hole (4). (5) is a central opening through the base member and (6) is a tubular projection projecting from the periphery of the central opening at one face of the base member. The base member is adapted to be mounted on a motor shaft (8) through the central opening and the tubular projection and provided with locking means (9a, 9b) to lock it positively on the motor shaft (8). (11) is a switch actuating member made of rigid plastics and comprising a central bore (12) therethrough. (13) is a collar projecting from the periphery of the central bore at one surface of the switch actuating member and (14, 14) are a pair of guide members projecting from the said one surface of the switch actuating member and located at opposite sides of the said collar. The switch actuating member is slidably engaged over the tubular projection of the base member through the collar and central bore therein and guided by the guide members passing through the guide holes in the end flanges of the base member. (15, 15) are a pair of arcuate metallic flyweights each being disposed over each of the end flanges and pivoted on the switch actuating member. The flyweight each is provided with a pair of spaced legs (16, 16) adapted to abut and slide against the end flanges of the base member. The flyweights are biased towards each other by the pair of tension springs (19) each connected to the corresponding ends of the flyweights (fig. 3 and 6) Also, an electric motor comprising the centrifugal actuator.



(54) Title of the invention : HYBRID TYPE FORMING SECTION FOR A PAPAER MAKING MACHINE

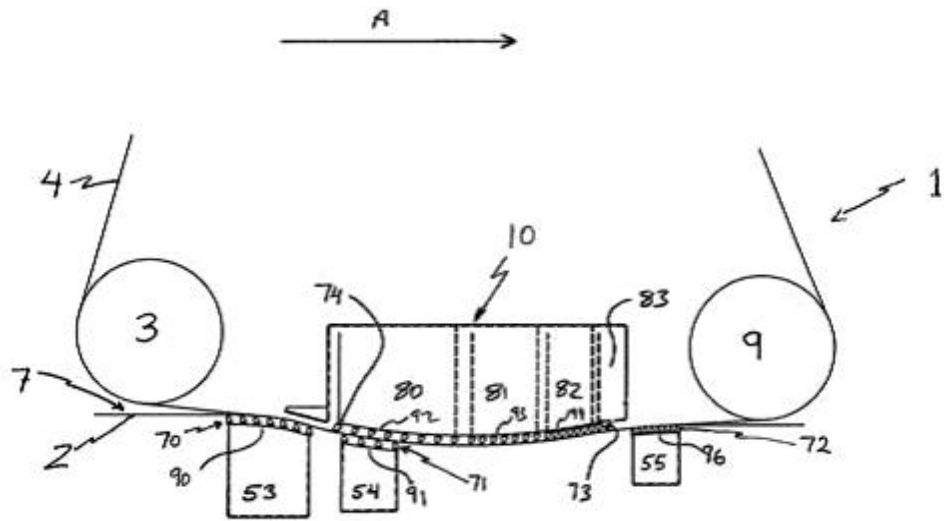
(51) International classification	:D21F9/00 ; D21F1/48	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASTEN JOHNSON, INC
(32) Priority Date	:NA	Address of Applicant :4399 CORPORATE
(33) Name of priority country	:NA	ROAD,CHARLESTON,SOUTH CAROLINA 29405, U.S.A.
(86) International Application No	:PCT/US2003/041168	(72)Name of Inventor :
Filing Date	:22/12/2003	1)WILDFONG VAUGHN
(87) International Publication No	:WO2005/068715	2)PITT, RICHARD
(61) Patent of Addition to Application Number	:NA	3)HELBIG, THOMAS
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 11

(57) Abstract :

A twin fabric hybrid forming section (1) for paper making machine is described in which: the pitch of the fabric support elements (70), (71), (73), (72) decreases progressively in the machine direction; the level of vacuum applied to the forming fabrics (2), (4) through the dewatering boxes (53), (54), (10) AND (55) increases in the machine direction; the two forming fabrics (2), (4) together with the stock sandwiched between them traverse at least four separate and distinct vacuum zones within the forming section as they proceed in the machine direction; the level of vacuum applied to the last of the at least four separate and distinct vacuum zones is higher than the level of vacuum applied to the first of the separate and distinct vacuum zones; the level of vacuum applied to the at least four separate and distinct vacuum zones follows a preselected profile; and the dewatering boxes (53), (54), (10) AND (55) carrying the fabric support elements (70), (71), (73), (72) are arranged so that the fabric support elements (70), (71), (73), (72) are located in an alternating sequence on the machine sides of both of the forming fabrics (2), (4).



(54) Title of the invention : PYRIMIDINES WITH TIE2 (TEK) ACTIVITY

(51) International classification	:A61K31/505
(31) Priority Document No	:0330001.9
(32) Priority Date	:24/12/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/005332
Filing Date	:20/12/2004
(87) International Publication No	:WO2005/060969A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**
1)ASTRAZENECA AB
 Address of Applicant :SE-151 85 SODERTALJE, Sweden

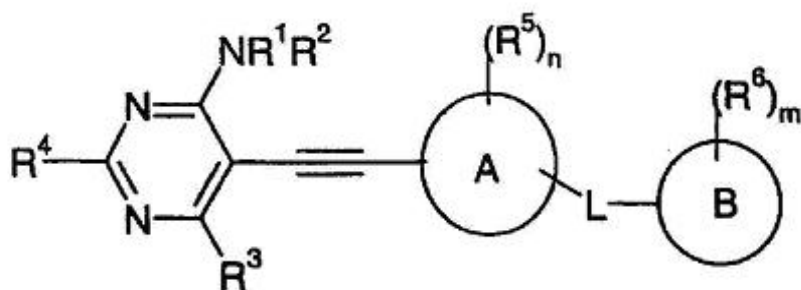
(72) **Name of Inventor :**
1)JONES, CLIFFORD, DAVID
2)LUKE, Richard, William, Arthur
3)MCCOULL, William

No of Pages : 128

No of Claims : 17

(57) Abstract :

The invention relates to a compound of the Formula (I); or salt thereof, wherein $\hat{R}^1$, $\hat{R}^2$, $\hat{R}^3$, R^4 , R^5 , R^6 , A, B, L, n and m are as defined in the description. The invention also relates to pharmaceutical compositions of said compounds, the use of said compounds as medicaments and in the production of an anti-angiogenic effect in a warm blooded animal. The invention also relates to processes for the preparation of said compounds.

**Formula I**

(54) Title of the invention : CARPET TILES

(51) International classification :A47G27/02
(31) Priority Document No :04000517.5
(32) Priority Date :13/01/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/000233
Filing Date :12/01/2005
(87) International Publication No :WO 2005/067768 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

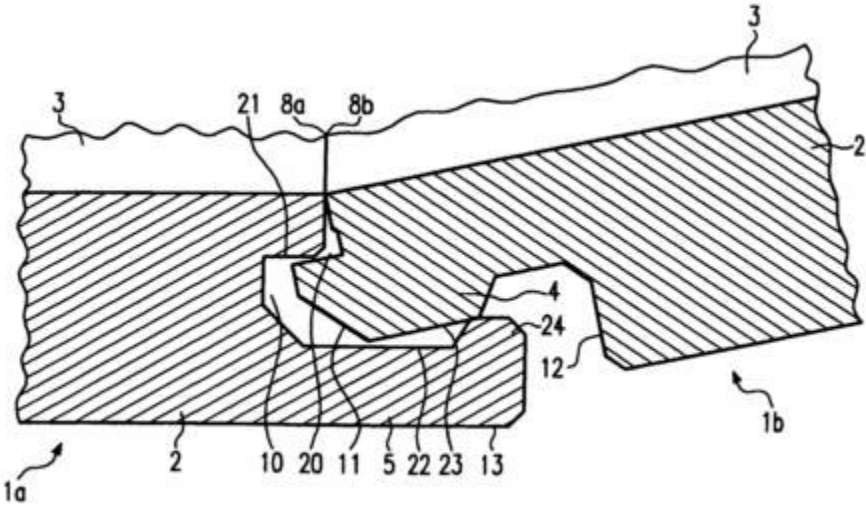
(71)Name of Applicant :
1)BERRY FINANCE NV
Address of Applicant :Ingelmunstersteenweg 162,8780 Oostrozebeke, Belgium
(72)Name of Inventor :
1)VERRUE,Guy
2)VERDONCK,Raf

No of Pages : 29

No of Claims : 26

(57) Abstract :

To provide carpet tiles that can be installed more easily and quickly the inventive carpet tiles (1) comprise: a support plate (2); a carpet material (3) on said support plate 2; a first mechanical locking element (4) extending along a first joint edge (8a) of said carpet tile (1); and a second complementary mechanical locking element (5) extending along a second joint edge (8b) of said carpet tile (1).

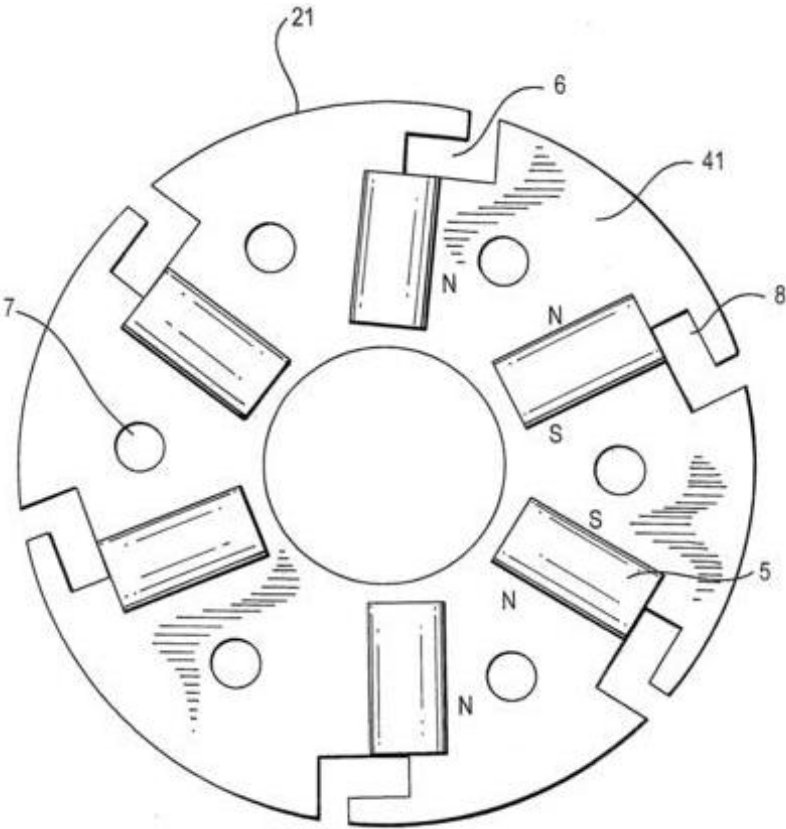


(54) Title of the invention : ELECTRICAL ROTARY MACHINE AND ELECTROMAGNETIC APPARATUS

(51) International classification	:H02K11/00	(71)Name of Applicant :
(31) Priority Document No	:2004-019748	1)Inoki,Kanji
(32) Priority Date	:28/01/2004	Address of Applicant :104 West 40th Street, # 1510, New York, NY
(33) Name of priority country	:Japan	10018, U.S.A.
(86) International Application No	:PCT/US2005/003477	2)International Natural Power Institute of Technology Co.,Ltd.
Filing Date	:28/01/2005	(72)Name of Inventor :
(87) International Publication No	:WO2006/052267A1	1)Kinoshita,Yukio
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32No of Claims : 15

(57) Abstract :
A permanent magnet rotor (figure 2) includes a rotor core (41) and permanent magnets (5). The permanent magnet rotor is also formed with grooves (6) in order to reduce magnetic flux leakage.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.902/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : INFORMATION PROVIDING SYSTEM METHOD THEREOF AND PROGRAM

(51) International classification	:G06F17/60
(31) Priority Document No	:2004-042384
(32) Priority Date	:19/02/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/002247
Filing Date	:15/02/2005
(87) International Publication No	:WO2005/081155
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SEARCHTERIA CO.,LTD.
Address of Applicant :18-23,Roppongi 5-chome, Minato-ku,Tokyo-106-0032, Japan
(72)**Name of Inventor :**
1)Hikaru MIURA
2)Yoshihiro NAKAHASHI
3)Takuya OMORI

No of Pages : 72

No of Claims : 19

(57) Abstract :

An information providing system includes a database containing advertisement information correlated to the advertisement bit price. In response to a search request from a terminal, corresponding advertisement information is selected from the database. According to the bid price of the advertisement information, the advertisement posting sequence is determined. The advertisement posting sequence is decided according to the probability calculated from the ratio occupied by the bit price of the advertisement to be displayed against the total price of the bid prices of the advertisements to be displayed. Thus, the display sequence is not uniquely decided by the bit price.

(54) Title of the invention : INHIBITORS OF TGF-R SIGNALING FOR TREATMENT OF CNS DISORDERS

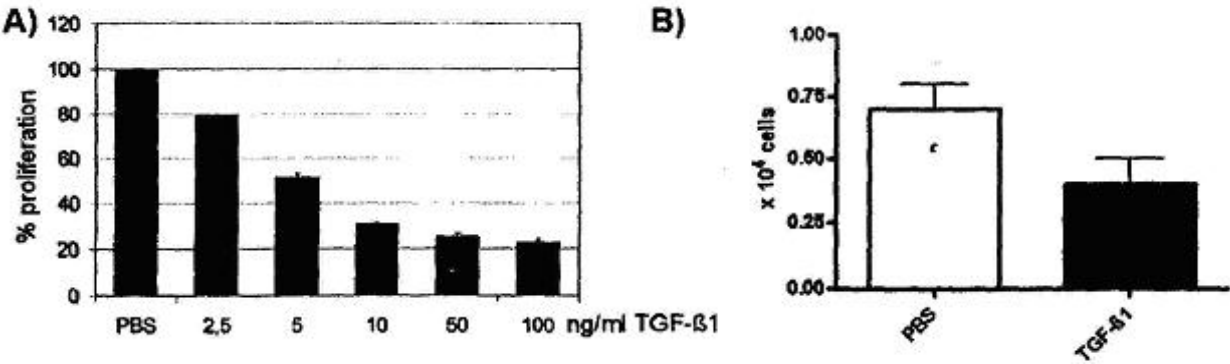
(51) International classification	:A61K31/7088,	(71)Name of Applicant :
(31) Priority Document No	:EP 04002846.6	1)REGENION GMBH
(32) Priority Date	:09/02/2004	Address of Applicant :RUTISTRASSE 20, CH-9050 APPENZELL
(33) Name of priority country	:EUROPEAN	Switzerland
(86) International Application No	:PCT/EP2005/001298	(72)Name of Inventor :
Filing Date	:09/02/2005	1)BOGDAHN,ULRICH
(87) International Publication No	:WO2005/074981A3	2)AIGNER, Ludwig
(61) Patent of Addition to Application Number	:NA	3)WACHS, FRANK, PETER
Filing Date	:NA	4)WINNER, BEATE
(62) Divisional to to Application Number	:NA	5)WINKLER, JURGEN
Filing Date	:NA	

No of Pages : 126

No of Claims : 27

(57) Abstract :

The present invention relates to the use of oligonucleotides for the preparation of a pharmaceutical composition for the prevention or treatment of a disease, wherein neurogenesis and/or neuroregeneration has a beneficial effect, in particular a disease like Morbus Alzheimer, Morbus Parkinson, Lewy Body Dementia,-Amyotrophic Lateral Sclerosis, Spinocerebellar Atrophies, Creutzfeldt Jakob Disease, Frontemporal Dementia, Morbus Pick, AIDS Dementia Complex, Vascular Dementia, Progressive Supranuclear Palsy, Corticobasal Degeneration, Multisystem-Atrophy, Hallervorden Spatz Disease, Huntingtonâ€™s disease, Stroke, Traumatic Brain and spinal cord Injury, Retinitis Pigmentosa, Macular Degeneration, Glaucoma, Cochlea Degeneration, Depression, Schizophrenia, Multiple Sclerosis, and developmental neurodegeneration.

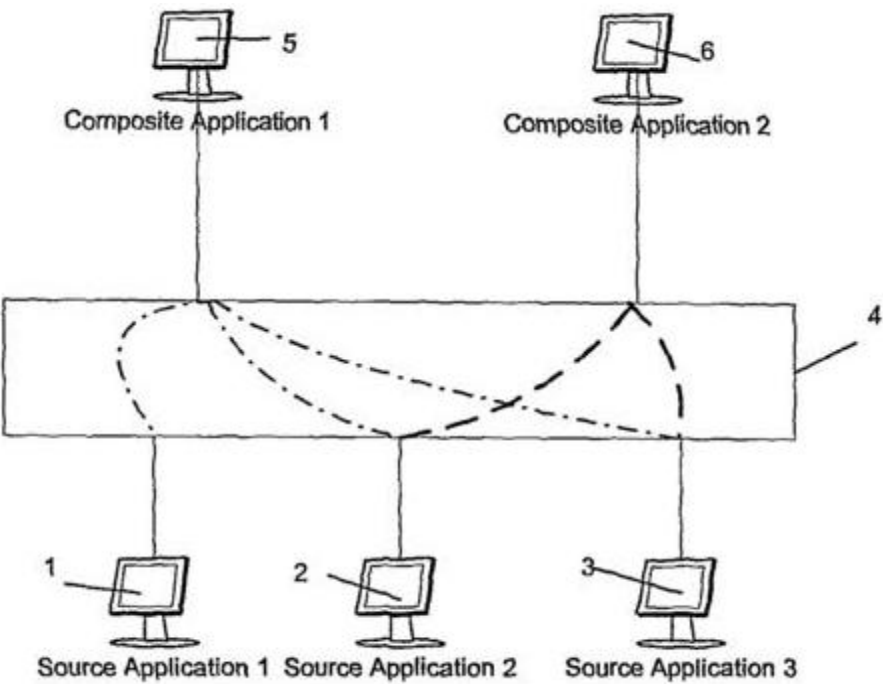


(54) Title of the invention : METHOD AND APPARATUS FOR COMPOSITE USER INTERFACE CREATION

(51) International classification	:G06F9/44	(71)Name of Applicant :	
(31) Priority Document No	:NA	1)CORIZON LIMITED	
(32) Priority Date	:NA	Address of Applicant :119-121 Middlesex Street, London E1 7JF U.K.	
(33) Name of priority country	:NA	(72)Name of Inventor :	
(86) International Application No	:PCT/GB2004/000429	1)VAN SER SANDEN,Edwin,Wilhelmus,Petrus	
Filing Date	:03/02/2004	2)RHYS MADOC STEPHENS,Matthew	
(87) International Publication No	:WO2005/076130A1		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 186No of Claims : 134

(57) Abstract :
A method and apparatus for modelling and generating a composite user interface comprising a plurality of user interface elements provided by at least one source application. Modelling the composite user interface comprises modelling at least part of a user interface provided by the or each source application, and modelling relationships between the at least part of the user interface provided the or each source application and the composite user interface.



(54) Title of the invention : PROCESS FOR PREPARATION OF CITALOPRAM AND ENANTIOMERS

(51) International classification :C07D307/87,A61K31/34
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

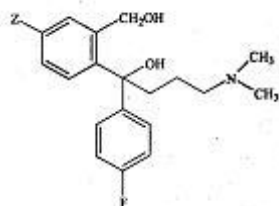
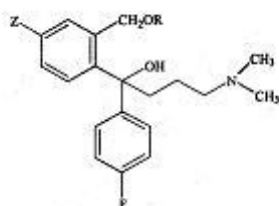
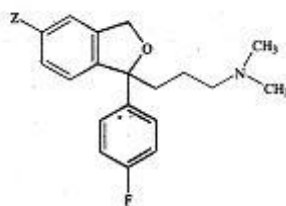
(71)**Name of Applicant :**
1)SUN PHARMACEUTICAL INDUSTRIES LIMITED
 Address of Applicant :ACME PLAZA, ANDHERI-KURLA ROAD,
 ANDHERI(E), MUMBAI-400 059, Maharashtra India
 (72)**Name of Inventor :**
1)PERIYANDI NAGARAJAN
2)KILARU SRINIVASU
3)THENNATI RAJAMANNAR

No of Pages : 31

No of Claims : 13

(57) Abstract :

The present invention provides a process for preparation of 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-5-isobenzofuran carbonitrile comprising reacting a compound of formula IVa, in the presence of a base with a compound of formula RX, wherein R is selected from alkyl, alkenyl, aryl and heteroaryl which ay be optionally substituted with electron withdrawing groups and X is selected from F, Cl, Br, I, CN, OTf and OR1, wherein Tf represents trifluoromethanesulfonyl group, and R1 is optionally substituted alkyl, Z is a cyano group or a group that may be converted to a cyano group; further wherein RX is selected such that an intermediate ether derivative, a compound of formula Va formed from said reaction cyclizes to a compound of formula VI, and where Z is not a cyano group, conversion of the group Z in the compound of formula VI to a cyano group to form 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-5-isobenzofuran carbonitrile. The present invention also provides novel ether compound, a compound of formula Va and a process for preparation thereof.

**Formula IVa****Formula Va****Formula VI**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.931/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/08/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : ANTI-STALING COMPOSITION AND BAKERY PRODUCTS COMPRISING THIS COMPOSITION

(51) International classification	:A12D2/16
(31) Priority Document No	:04075617.3
(32) Priority Date	:27/02/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/001059
Filing Date	:01/02/2005
(87) International Publication No	:WO2005/084445
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
Address of Applicant :Hindustan Lever House, 165-166 Backbay
Reclamation, Mumbai,400 020 Maharashtra India
(72)**Name of Inventor :**
1)VELDHUIZEN Yvonne Susanna J
2)WEEGELS Peter Louis

No of Pages : 18

No of Claims : 8

(57) Abstract :

Bakery products comprising a sterol and/or stanol fatty acid ester and a specific emulsifier are more soft and less prone to staling.

(54) Title of the invention : CHEMICAL PROCESS

(51) International classification :C07F5/02,C07D401/4
 (31) Priority Document No :0403744.6
 (32) Priority Date :20/02/2004
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2005/000567
 Filing Date :17/02/2005
 (87) International Publication No :WO2005/080403A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

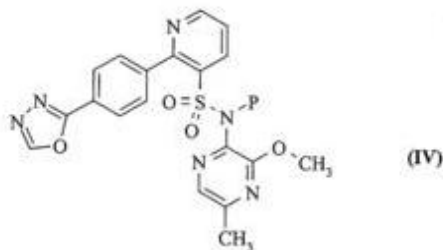
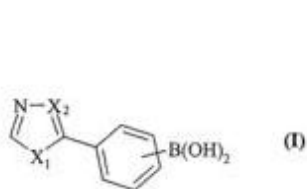
(71)Name of Applicant :
1)ASTRAZENECA AB
 Address of Applicant :S-SE-151 85 SODERTALJE, Sweden
 (72)Name of Inventor :
1)BUTLIN,Margaret,Anne
2)BUTLIN,ROGER,JOHN
3)HOGAN,PHILIP,JOHN
4)MEUDT,Andreas

No of Pages : 19

No of Claims : 14

(57) Abstract :

Abstract: Process for preparing compounds of Formula (I); and (IV); are described.



(54) Title of the invention : SETTABLE FLUIDS COMPRISING PARTICLE-SIZE DISTRIBUTION- ADJUSTING AGENTS AND METHODS OF USE

(51) International classification :E21B33/13
 (31) Priority Document No :10/759,678
 (32) Priority Date :16/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/GB2004/005311
 Filing Date :17/12/2004
 (87) International Publication No :WO2005/068776
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

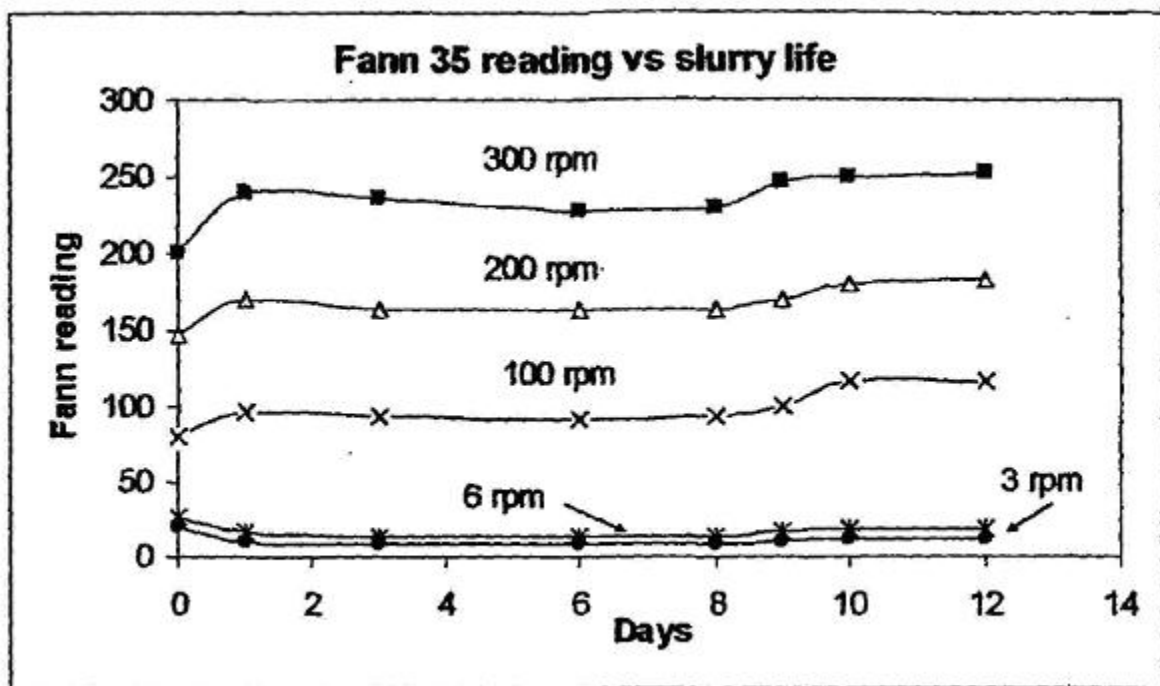
(71)Name of Applicant :
1)HALLIBURTON ENERGY SERVICES,INC
 Address of Applicant :P.O.Box 1431,Duncan,OK 73533, U.S.A.
 (72)Name of Inventor :
1)REDDY,Bairreddy,Raghava
2)PALMER,Anthony,V.
3)ASHOK,Santra,K.

No of Pages : 39

No of Claims : 83

(57) Abstract :

The present invention relates to subterranean operations, and more particularly, to settable fluids comprising particle-size distribution-adjusting agents, and methods of using such settable fluids in subterranean and surface applications. In certain exemplary embodiments of the present invention, the settable fluid comprises a cement, a set retarder, and a particle-size distribution-adjusting agent. Exemplary methods of the present invention include, but are not limited to, methods of drilling with the settable fluids of the present invention, methods of cementing with the settable fluids of the present invention, and methods of using a settable fluid of the present invention to displace another fluid from a well bore in a subterranean formation.



(54) Title of the invention : REACTOR AND PROCESS

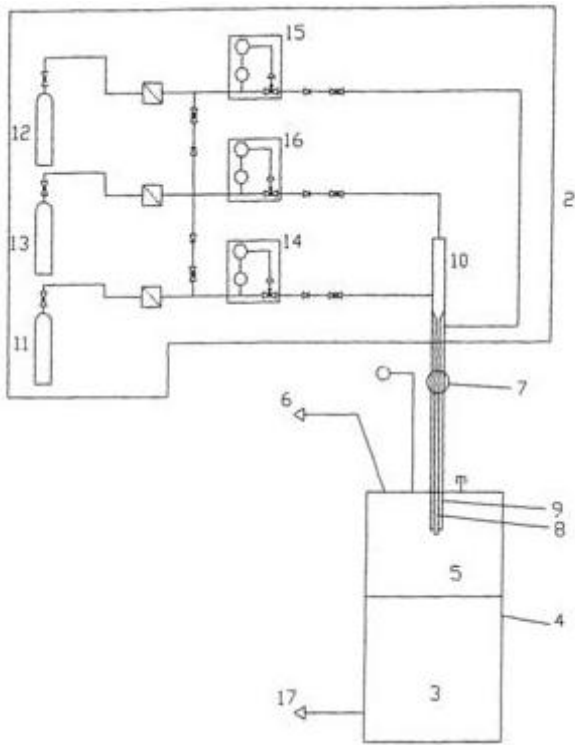
(51) International classification :C01B21/09
(31) Priority Document No :0402629.0
(32) Priority Date :07/02/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2004/004398
Filing Date :18/10/2004
(87) International Publication No :WO2005/080267A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PHOENIX CHEMICALS LIMITED
Address of Applicant :34 Thursby Road,Croft Business Park,
Bromborough Wirral,CH62 3PW, U.K.
(72)Name of Inventor :
1)WARR,Antony John
2)PROCTOR, Lee David

No of Pages : 13

No of Claims : 12

(57) Abstract :
The invention relates to a process for the production of chloramines comprising supplying a first reagent stream comprising chlorine gas and a second reagent stream comprising ammonia gas to a reaction zone maintained at a temperature of less than 275Â° C and configured to allow expansion of the first and second reagent streams in the reaction zone to an extent sufficient to generate chloramines as a gas and ammonium chloride as a free falling solid. The invention also provides a chemical reactor suitable for operating this process.



(54) Title of the invention : SULPHONAMIDE SUBSTITUTED TRIAZINES AS CHEMOKINE RECEPTOR MODULATORS

(51) International classification :C07D251/18
 (31) Priority Document No :0401269.6
 (32) Priority Date :21/01/2004
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2005/000180
 Filing Date :19/01/2005
 (87) International Publication No :WO2005/070903
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

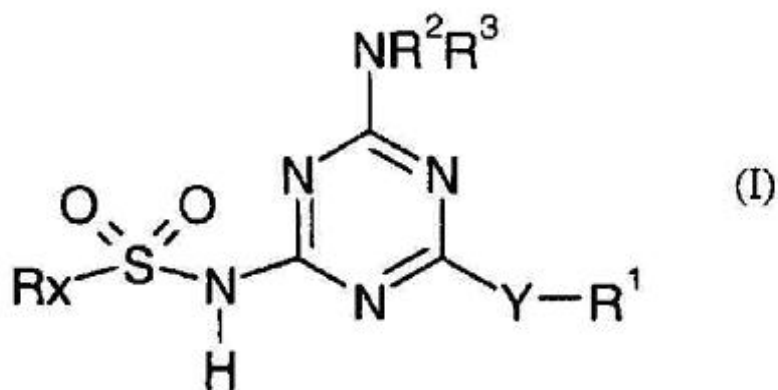
(71)Name of Applicant :
1)ASTRAZENECA AB
 Address of Applicant :SE-151 85 Sodertalje, Sweden
 (72)Name of Inventor :
1)MEGHANI,Premji
2)STONEHOUSE,,Jeffrey

No of Pages : 39

No of Claims : 22

(57) Abstract :

A compound of formula (1), or a pharmaceutically acceptable salt, solvate or in vivo hydrolysable ester thereof: and pharmaceutical compositions comprising these, all for use in the treatment of chemokine mediated diseases and disorders.



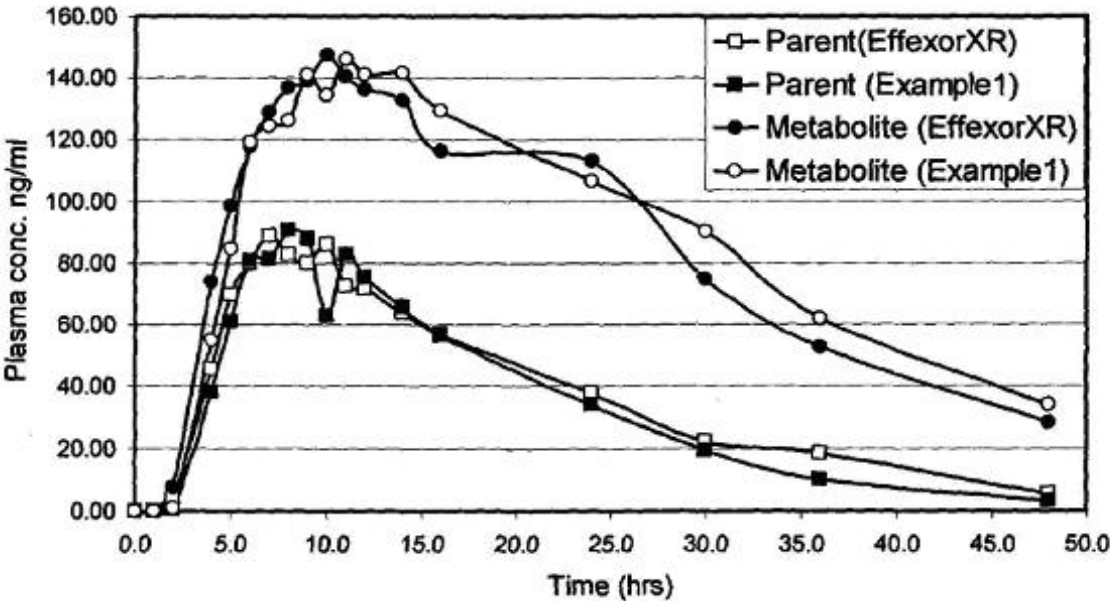
(54) Title of the invention : EXTENDED RELEASE COATED MINITABLETS OF VENLAFAXINE HYDROCHLORIDE

(51) International classification	:A61K31/137	(71)Name of Applicant :	
(31) Priority Document No	:117/MUM/2004	1)ALEMBIC LIMITED	
(32) Priority Date	:04/02/2004	Address of Applicant :ALEMBIC ROAD,VADODARA-390 003, Gujarat	
(33) Name of priority country	:India	India	
(86) International Application No	:PCT/IN2004/000340	(72)Name of Inventor :	
Filing Date	:27/10/2004	1)BHATTACHARYA, Sampad	
(87) International Publication No	:WO2005/074895	2)KSHIRSAGAR,Rajesh	
(61) Patent of Addition to Application Number	:NA	3)JOSHI,Mayank	
Filing Date	:NA	4)PANDITA,Sandeep	
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 19

No of Claims : 10

(57) Abstract :
The present invention relates to an extended release once daily pharmaceutical formulation comprising venlafaxine hydrochloride and pharmaceutically acceptable excipients. More particularly, the present invention relates to an extended release composition in the form of mini-tablets which are incorporated in hard gelatin capsules.



(54) Title of the invention : HEATING SOLID OXIDE FUEL CELL STACK

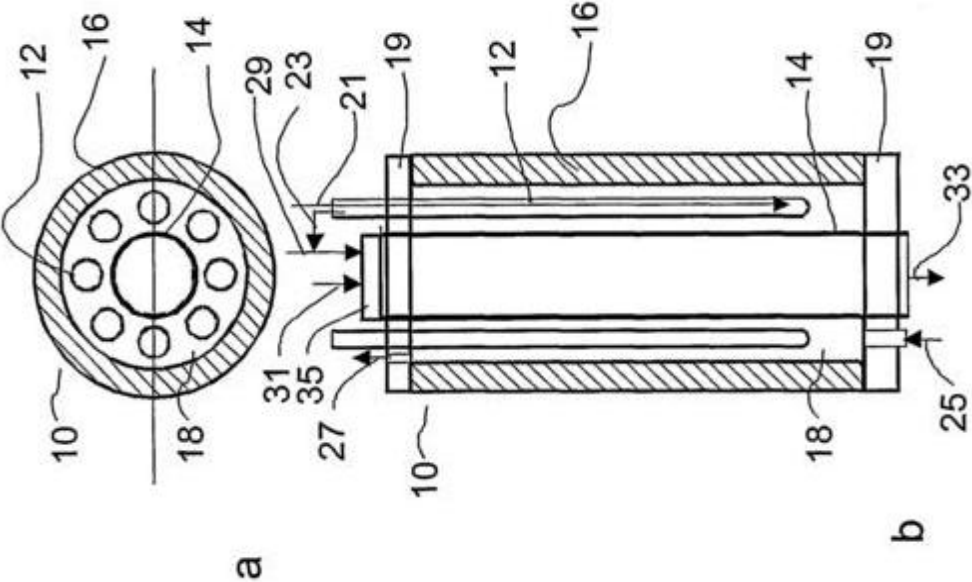
(51) International classification	:H01M8/04,H01M8/06	(71)Name of Applicant :	
(31) Priority Document No	:2,457,609	1)ALBERTA RESEARCH COUNCIL INC	
(32) Priority Date	:13/02/2004	Address of Applicant :250 Karl Clark Road,Edmonton, Alberta T6N 1E4	
(33) Name of priority country	:Canada	Canada	
(86) International Application No	:PCT/CA2005/000188	(72)Name of Inventor :	
Filing Date	:11/02/2005	1)ZHENG,Rong	
(87) International Publication No	:WO2005/078842A1	2)KOVACIK,Gary	
(61) Patent of Addition to Application Number	:NA	3)RHO,Hongsang	
Filing Date	:NA	4)SARKAR,Partho	
(62) Divisional to to Application Number	:NA	5)YAMARTE,Luis	
Filing Date	:NA	6)RICHARDSON,Mark L.	

No of Pages : 57

No of Claims : 34

(57) Abstract :

This invention relates to a solid oxide fuel cell system comprising at least one tubular solid oxide fuel cell and a combustion heater mounted in sufficient thermal proximity to the fuel cell that heat generated from combustion inside the heater is able to heat the fuel cell(s) to a suitable operating temperature. The heater and fuel cell can be encased within a tubular thermal casing; the inside of the casing defines a first reactant chamber for containing a first reactant, such as oxidant. The fuel cell comprises a ceramic solid state electrolyte layer and inner and outer electrode layers concentrically arranged around and sandwiching the electrolyte layer. The outer electrode layer is fluidly communicable with the first reactant, and the inner electrode layer is fluidly isolated from the first reactant and fluidly communicable with a second reactant, such as fuel.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.964/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/08/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD FOR PRODUCTION OF A PARTLY CRYSTALLINE POLYCONDENSATE

(51) International classification	:C08G 63/78
(31) Priority Document No	:10 2004 012579.1
(32) Priority Date	:12/03/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/CH2005/000035
Filing Date	:24/01/2005
(87) International Publication No	:WO2005/087838A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BUHLER AG
Address of Applicant :Bahnhofstrasse, CH-9240 Uzwil, Switzerland
(72)**Name of Inventor :**
1)CHRISTEL Andreas
2)CULBERT,Brent Allan
3)JURGENS,Theodor

No of Pages : 17

No of Claims : 18

(57) Abstract :

The invention relates to a method for production of a partly-crystalline polycondensate, in particular, a polyester or a polyamide, whereby a polycondensate prepolymer is firstly produced, which is prepared and formed into granules, by means of a die-face granulating device, with an average diameter of less than 2 mm, said granules being cut at the outlet from the die plate. The degree of crystallisation and the molecular weight are then increased in a solid-phase polycondensation process. For granulation, the polycondensate prepolymer melt is pressed through a die plate with a number of die perforations, preferably arranged on at least one annular track. The cutting is achieved by means of a circulating knife with a liquid jet.

(54) Title of the invention : METHOD AND SYSTEM FOR MONITORING MOBILE COMMUNICATION TERMINAL POSITION DETERMINATION PERFORMANCE BY USING WIRELESS COMMUNICATION NETWORK AND A-GPS

(51) International classification :H04B 7/26
 (31) Priority Document No :2003-07036
 (32) Priority Date :04/02/2003
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2004/00198
 Filing Date :04/02/2004
 (87) International Publication No :WO2004/070513A3
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SK TELECOM CO; LTD

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Republic of Korea

(72)Name of Inventor :

1)CHA DAEJOON

2)IHM JONGTAE

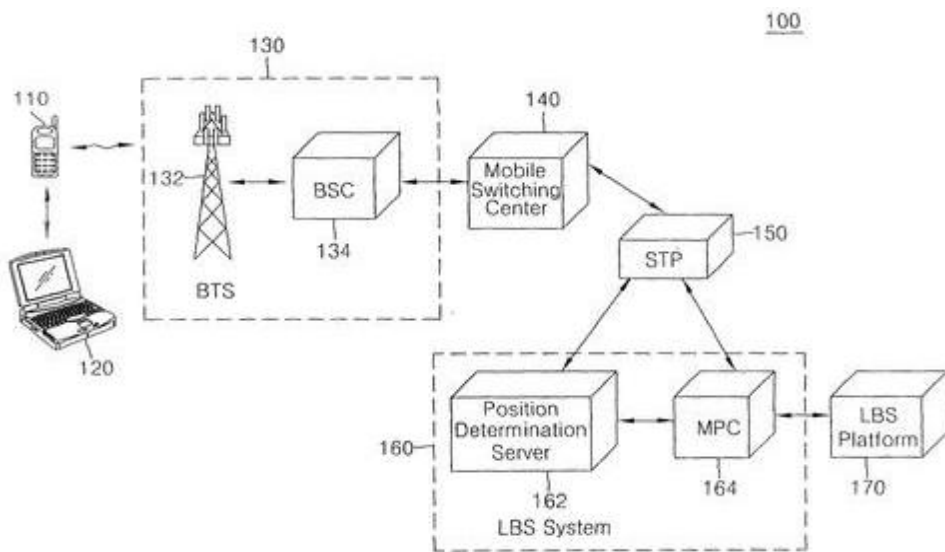
3)SHIN SUNGHO

No of Pages : 35

No of Claims : 34

(57) Abstract :

Disclosed are a system, method and computer readable storage medium storing a LBS (Location Based Service) wireless network analysis program receiving, analyzing, processing and displaying LBS messages defined in IP-801-1 standard by using a wireless network and an A(Assisted)-GPS(Global Positioning System), wherein the LBS wireless network analysis program, coded in a computer language, performs analyzing the LBS messages, displays analyzed LBS messages, and processes and displays information on the wireless network, information on GPS satellite and measured coordinate values included in the LBS messages in text and/or image format.



(54) Title of the invention : MODULER TIMING FOR QUANTUM KEY DISTRIBUTION

(51) International classification :H04K1/00
 (31) Priority Document No :60/549,356
 (32) Priority Date :02/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/006015
 Filing Date :24/02/2005
 (87) International Publication No :WO2005/086410A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MAGIQ TECHNOLOGIES, INCAddress of Applicant :171 Madison Avenue,Suite 1300, New York, NY
10016-5110 U.S.A.

(72)Name of Inventor :

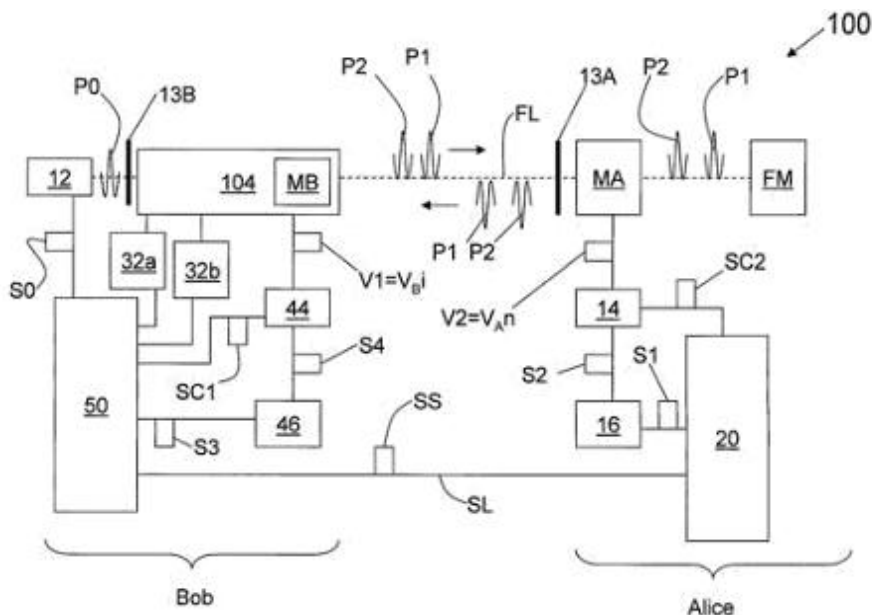
1)VIG, HARRY

No of Pages : 25

No of Claims : 14

(57) Abstract :

Methods for establishing modulator timing for a QKD system (100) having QKD stations (Alice, Bob) with respective modulators (MA, MB) are disclosed. The timing method includes exchanging non-quantum signals (P1, P2) between the two QKD stations and performing respective coarse timing adjustments by scanning the modulator timing domain with relatively coarse timing intervals ($\Delta T1C$, $\Delta T2C$.) and wide modulator voltage signal (W1C, W2C). Coarse timings (T1C, T2C) are established by observing a change in detector counts between single-photon detectors (32a, 32b) when modulation occurs in exchanged non-quantum signals. The method also includes performing a fine timing adjustment by scanning the modulator timing domain with respective fine timing intervals (AT1R, AT2R) and respective relatively narrow modulator voltage signals (W1R, W2R), and again observing a change in detector counts for exchanged non-quantum signals. This operation is repeated until desired final modulator timings (T1F, T2F) and desired final activation signal widths (W1F, W2F) are obtained for the two modulators.



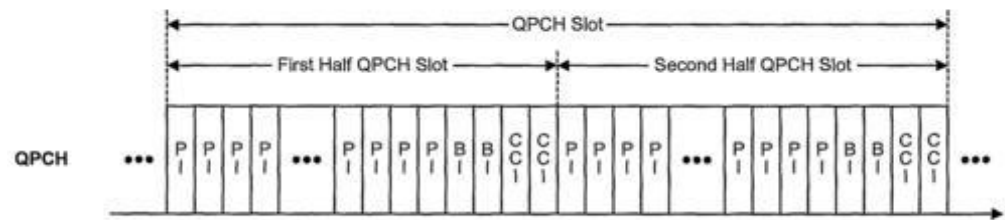
(54) Title of the invention : METHOD AND APPARATUS FOR SENDING SIGNALING FOR MULTICAST AND BROADCAST SERVICES

(51) International classification	:H04Q7/22	(71)Name of Applicant :	
(31) Priority Document No	:60/542,063	1)QUALCOMM INCORPORATED	
(32) Priority Date	:04/02/2004	Address of Applicant :5775 Morehouse Drive, San Diego California	
(33) Name of priority country	:U.S.A.	92121-1714, U.S.A.	
(86) International Application No	:PCT/US2005/003788	(72)Name of Inventor :	
Filing Date	:03/02/2005	1)GAAL,Peter	
(87) International Publication No	:WO2005/079086A2	2)TIEDEMANN,Edward,G.,Jr.	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 50No of Claims : 47

(57) Abstract :

Signaling for each multicast/broadcast service is sent in group page messages in PCH slots assigned to the wireless devices and/or PCH slots designated for use for the service. Each group page message contains an identifier for a service. The designated PCH slots for different services may be overlapping to reduce the number of times the wireless devices need to wake up to receive page messages or staggered to reduce collision among the services. The wireless devices may be informed of a group page message being sent on the PCH for a given service by use of paging indicators that are assigned to the wireless devices and/or broadcast indicators that are assigned to the service. The paging indicators may be sent in QPCH slots assigned to the wireless devices and/or QPCH slots designated for use for the service. The BI bits are sent on the designated QPCH slots.



(54) Title of the invention : ACTIVE UNSATURATED ESTERS, METHOD FOR THE PRODUCTION THEREOF, AND USE OF THE SAME

(51) International classification	:C07C69/716
(31) Priority Document No	:0400666
(32) Priority Date	:23/01/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2005/000123
Filing Date	:20/01/2005
(87) International Publication No	:WO2005/080312A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ISOCHEM

Address of Applicant :12,QUAI HENRI IV 75004 PARIS- France

(72)Name of Inventor :

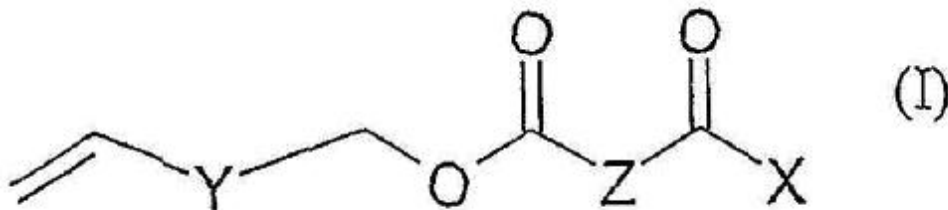
1)LAURENCE FERRUCCIO**2)HELENE IERNO**

No of Pages : 15

No of Claims : 19

(57) Abstract :

The invention relates to a compound of formula (I) wherein X represents an activating radical such as a chlorine atom or imidazolyl, Y represents a saturated aliphatic C6-C20 radical, and Z represents an aliphatic C2-C10 radical. The invention also relates to a method for synthesising the compound of formula (I), according to which the compound of formula (II) is formed by the reaction between an alcohol and an acid anhydride, and by the activation of the carbonyl function. Furthermore, the invention relates to the use of the compound of formula (I) for increasing the hydrophobic character of polymers comprising amine and/or hydroxyl functions by means of grafting, and to a support based on natural textile fibres onto which the compound of formula (I) is grafted.



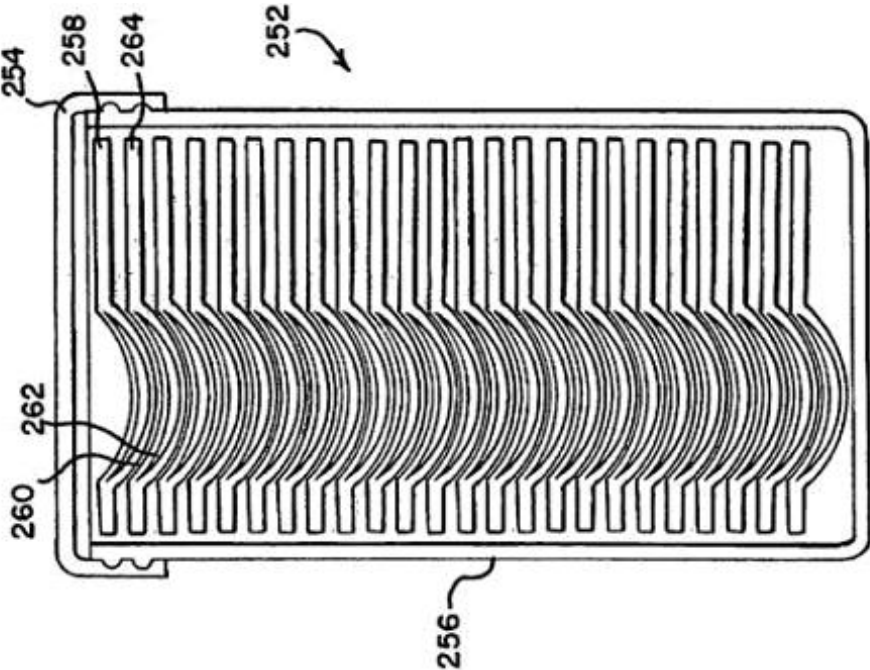
(54) Title of the invention : PACKAGING FOR DISPOSABLE SOFT CONTACT LENSES

(51) International classification :A45C11/00		(71)Name of Applicant : 1)CLEARLAB PTE LTD Address of Applicant :#06-02 139 Joo Seng Road,Singapore 368362, Singapore
(31) Priority Document No	:10/781,321	
(32) Priority Date	:17/02/2004	(72)Name of Inventor : 1)NEWMAN,Stephen,D.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/IB2005/000388	
Filing Date	:16/02/2005	
(87) International Publication No	:WO/2005/0827	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 96

No of Claims : 16

(57) Abstract :
The present invention provides a contact lens package in which the overall internal depth of the package is less than the natural sagittal depth of the contact lens. Different single-use contact lens package shapes and configurations may be used. In some embodiments, a spring disc is included in the packages to help present the contact lens to the user when the package is opened. The contact lens packages may be adhered or clipped to a card or other carrier sheet, and may be housed in a number of different secondary packages.



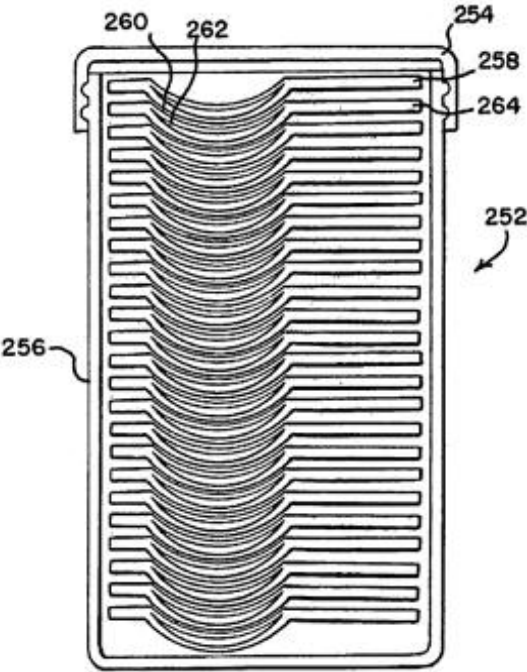
(54) Title of the invention : PACKAGING FOR DISPOSABLE SOFT CONTACT LENSES

(51) International classification	:A45C 11/00 A47F 1/00	(71)Name of Applicant : 1)CLEARLAB PTE LTD
(31) Priority Document No	:10/781,321	Address of Applicant :#06-02 139 Joo Seng Road, Singapore 368362, Singapore
(32) Priority Date	:17/02/2004	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)NEWMAN,Stephen,D.
(86) International Application No	:PCT/IB2005/000388	
Filing Date	:16/02/2005	
(87) International Publication No	:WO2005/082721A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 96

No of Claims : 9

(57) Abstract :
The present invention provides a contact lens package in which the overall internal depth of the package is less than the natural sagittal depth of the contact lens. Different single-use contact lens package shapes and configurations may be used. In some embodiments, a spring disc is included in the packages to help present the contact lens to the user when the package is opened. The contact lens packages may be adhered or clipped to a card or other carrier sheet, and may be housed in a number of different secondary packages.



(54) Title of the invention : METHOD OF CONVERTING C9 AROMATICS-COMPRISING MIXTURES TO XYLENE ISOMERS

(51) International classification :C07C6/12,C07C15/08
 (31) Priority Document No :10/794,932
 (32) Priority Date :04/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/038075
 Filing Date :16/11/2004
 (87) International Publication No :WO2005/095309A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BP CORPORATION NORTH AMERICA INC.

Address of Applicant :4101 Winfield Road, Warrenville,IL60555. U.S.A.

(72)Name of Inventor :

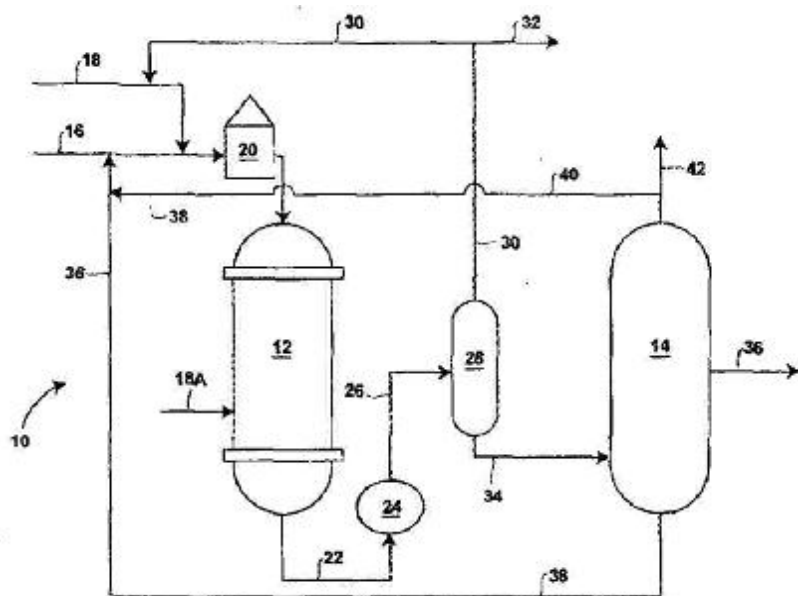
1)Miller,Jeffrey,T.**2)Huff,George A,****3)HENLEY,Brian,J.**

No of Pages : 39

No of Claims : 15

(57) Abstract :

Disclosed herein is a method of making xylene isomers. More specifically, the method includes contacting a C9 aromatics-comprising feed with a catalyst under conditions suitable for converting the feed to an intermediate product stream comprising xylene isomers, separating at least a portion of the xylene isomers from the intermediate product stream, and recycling to the feed the xylene isomers-lean intermediate product stream. Alternatively, the method of making xylene isomers includes contacting a feed comprising C9 aromatics and less than about 30 wt.% benzene, based on the total weight of the feed, with a non-sulfided, large-pore zeolite impregnated with a Group VIB metal oxide, under conditions suitable for converting the feed to a product stream comprising xylene isomers. The disclosed method is characterized by unexpectedly high ratios of xylene isomers to ethylbenzene, xylene isomers to C9 aromatics (e.g., methylethylbenzene), xylene isomers to C10 aromatics, trimethylbenzene to methylethylbenzene, benzene to ethylbenzene, in the product of the conversion, and the high conversion of C9 aromatics and methylethylbenzene.

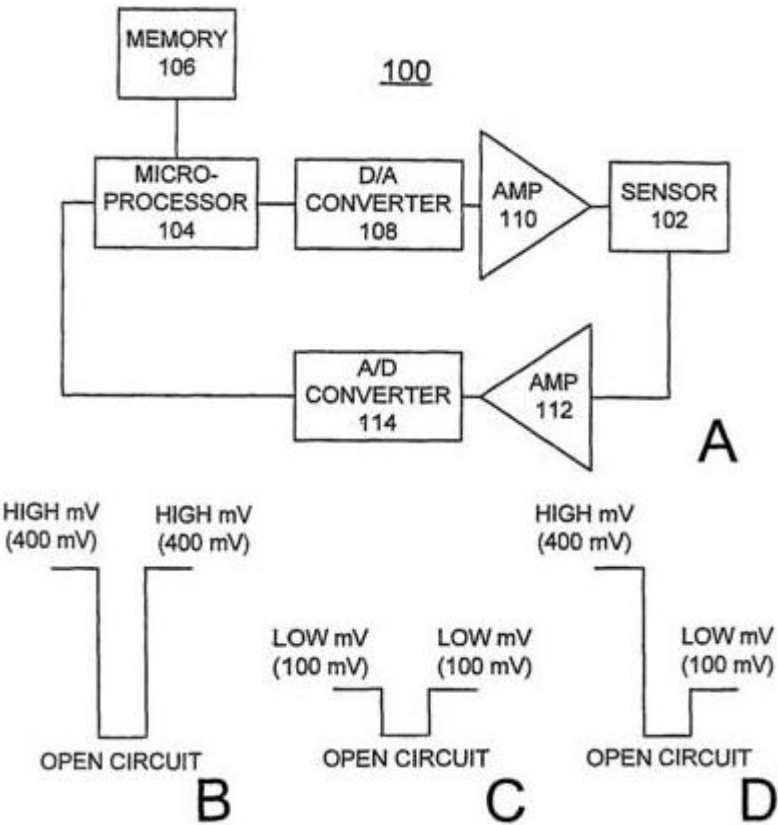


(54) Title of the invention : OXIDIZABLE SPECIES AS AN INTERNAL REFERENCE FOR BIOSENSORS AND METHOD OF USE

(51) International classification	:C12Q1/00	(71)Name of Applicant :
(31) Priority Document No	:60/542,362	1)BAYER HEALTHCARE LLC
(32) Priority Date	:06/02/2004	Address of Applicant :555 WHITE PLAINS ROAD, TARRYTOWN,NY
(33) Name of priority country	:U.S.A.	10591, U.S.A.
(86) International Application No	:PCT/US05/003622	(72)Name of Inventor :
Filing Date	:04/02/2005	1)BEER,GREG,P.
(87) International Publication No	:WO2005/078118A1	2)WU,HUAN-PING
(61) Patent of Addition to Application Number	:NA	3)YIP,KIN-FAI
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28No of Claims : 20

(57) Abstract :
A biosensor (102) for determination the presence or amount of a substance in a sample and methods of use of the biosensor (102) are provided. The biosensor (102) for receiving a user sample to be analyzed includes a mixture for electrochemical reaction with an analyte. The mixture includes an enzyme, a mediator and an oxidizable species as an internal reference.



(21) Application No.997/MUMNP/2006 A

(43) Publication Date : 20/04/2007

(43) Publication Date : 20/04/2007

(71)Name of Applicant :
1)CIPLA LIMITED
 Address of Applicant :289 Bellasis Road, Mumbai Central, Mumbai 400
 008 Maharashtra India
 (72)Name of Inventor :
1)LULLA,Amar
2)MALHOTRA,Geena

(72)Name of Inventor :
1)LULLA,Amar
2)MALHOTRA,Geena

No of Claims : 17

A metered dose inhalation formulation for once daily administration comprises salmeterol, or a physiologically acceptable salt thereof; and a propellant. A dry powder inhalation formulation for once daily administration comprises salmeterol or a physiologically acceptable salt thereof and a diluent. Also provided is a unit dose inhalation formulation for once daily administration comprising salmeterol or a pharmaceutically acceptable salt, ester or other derivative thereof, wherein the formulation comprises from 25 to 50 mcg of active.

Time		005-01 Dose_I_2P	Time	005-01 Dose_IV_2P	AUEC		%
					005-01 Dose_I_2P	005-01 Dose_IV_2P	
0 min	0	2.25	0	2.58			
10 min	0.166667	2.9	0.42916667	3.2	0.4825		0-12
20 min	0.333333	3.02	0.49333333	3.47	0.55583333		0-24
30 min	0.5	3.25	0.5225	3.47	0.57833333		0-32
45 min	0.75	3.36	0.82625	3.62	0.88625		0-48
1 hour	1	3.37	0.84125	3.7	0.915		
1.25 hour	1.25	3.5	0.85875	3.72	0.9275		
1.5 hour	1.5	3.53	0.87875	3.91	0.95375		
2 hour	2	3.59	1.78	4.08	1.9075		
2.5 hour	2.5	3.54	1.8075	4.07	2.0075		
3 hour	3	3.63	1.8175	4.09	2.04		
4 hour	4	4.04	3.835	3.78	3.925		
5 hour	5	3.67	3.855	3.68	3.725		
6 hour	6	3.67	3.67	3.57	3.63		
8 hour	8	3.35	7.02	3.54	7.11		
10 hour	10	3.49	6.84	3.56	7.1		
12 hour	12	3.36	6.85	3.47	7.03		
				14	6.81		
				16	6.86		
				20	13.46		
				24	12.88		
				32			
				48			
		AUEC0-12	42.325		43.89416667		
		AUEC0-24			83.88416667		
		AUEC0-32					
		AUEC0-48					
	Dose I 2 Puffs			Dose IV 2 Puffs			

(54) Title of the invention : SKIN LIGHTENING AGENTS, COMPOSITIONS AND METHODS

(51) International classification :C07C59/52,A61K7/48
 (31) Priority Document No :10/789,293
 (32) Priority Date :27/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP2005/001595
 Filing Date :16/02/2005
 (87) International Publication No :WO2005/085169A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

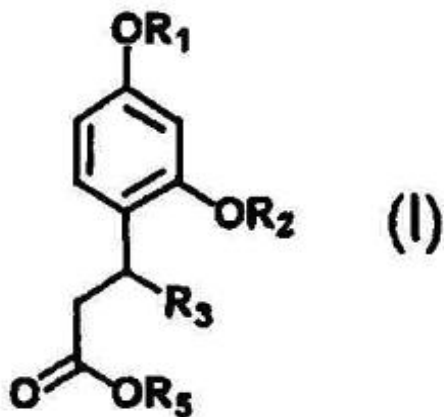
(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
 Address of Applicant :Hindustan Lever House 165-166,Backbay
 Reclamation,Mumbai,400 020, Maharashtra India
 (72)**Name of Inventor :**
1)HARICHIAN Bijan
2)ROSA Jose Guillermo
3)BOSKO Carol Annette
4)BAJOR John Steven
5)BARRATT Michael James

No of Pages : 31

No of Claims : 16

(57) Abstract :

The invention provides coumarin derived compounds of formula (I) as skin lightening agents alone or in combination with other skin benefit agents and together with a cosmetic vehicle : formula (I). Where each or both R1 and/or R2 represents hydrogen (H); linear or branched, saturated or unsaturated, C1-C12 alkyl, alkenyl, acyl, or heteroalkyl (preferably, alkoxy) groups; and R3 represents linear or branched, cyclic or acyclic, saturated or unsaturated, C1-C12 alkyl, alkenyl, cycloalkyl, cycloalkenyl, or heteroalkyl group; R5 represents a hydrogen atom (H), or R4; and R4 represents linear or branched, cyclic or acyclic, saturated or unsaturated, containing or not containing a heteroatom, C1-C22 alkyl, alkenyl, cycloalkyl, cycloalkenyl, heteroalkyl, aryl, or heteroaryl group. The compounds, compositions and methods have effective skin lightening properties, may be less irritating to the skin, and are cost-effective and relatively simple to manufacture. Also provided are processes for making the compounds of general formula (I) from 4-substituted-7-hydroxy coumarin derivatives.

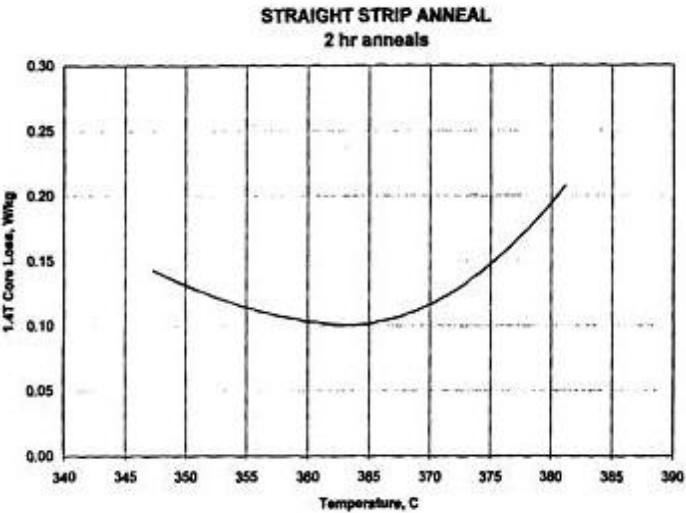


(54) Title of the invention : AMORPHOUS ALLOY WITH INCREASED OPERATING INDUCTION

(51) International classification	:C21D 8/12, H01F1/153	(71)Name of Applicant : 1)ALLIEDSIGNAL INC. Address of Applicant :101 COLUMBIA ROAD, P.O. BOX 2245, MORRISTOWN, NEW JERSEY 07962-2245, U.S.A.
(31) Priority Document No	:09/018,801	(72)Name of Inventor : 1)H HOWARD LIEBERMANN 2)J NICHOLAS DECRISTOFARO
(32) Priority Date	:04/02/1998	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US98/01898	
Filing Date	:03/02/1998	
(87) International Publication No	:WO 98/33945 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24No of Claims : 7

(57) Abstract :
A ferromagnetic amorphous metallic alloy strip is annealed to minimize exciting power rather than core loss. The strip has an exciting power less than 0.5 VA/kg when measured at 60 Hz and an operating induction of 1.40 to 1.45 Tesla, the measurement being carried out at ambient temperature. Cores composed of the strip can be run at higher operating induction than those annealed to minimize core loss. The physical size of the transformer's magnetic components, including the core, is significantly reduced.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/00342/MUM A

(19) INDIA

(22) Date of filing of Application :30/08/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : PHARMACEUTICALS FOR THE IMAGING OF ANGIOGENIC DISORDERS

(51) International classification	:A61K49/00
(31) Priority Document No	:60/080,150
(32) Priority Date	:31/03/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US1999/006826
Filing Date	:29/03/1999
(87) International Publication No	:WO99/58162A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant :
1)DU PONT PHARMACEUTICALS COMPANY
Address of Applicant :CHESTNUT RUN PLAZA, 974 CENTRE ROAD, WILMINGTON, DELAWARE 19805, U.S.A.
(72) Name of Inventor :
1)MILAND RAJOPADHYE
2)SCOTT D EDWARDS
3)THOMAS D HARRIS
4)STUART J HEMINWAY
5)SHUANG LIU
6)PRAHLAD R SINGH

No of Pages : 212

No of Claims : 51

(57) Abstract :

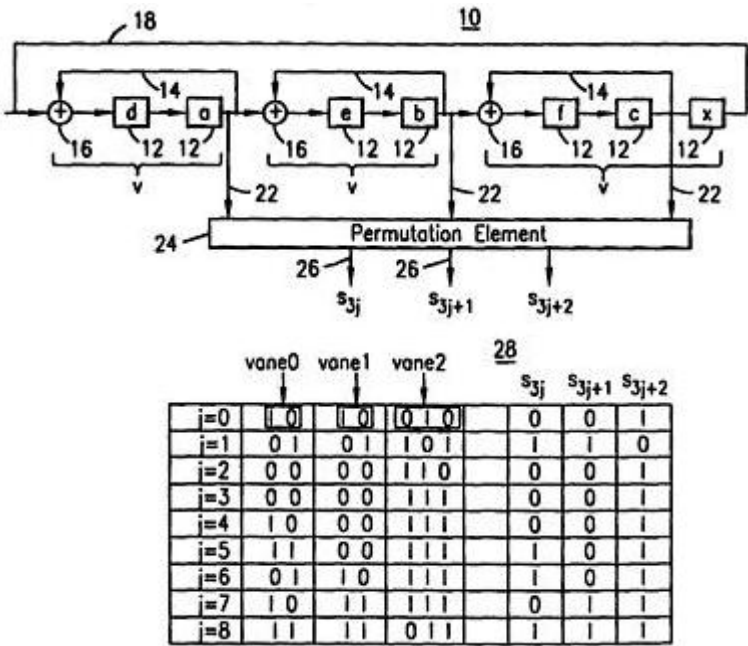
The present invention describes novel compounds of the formula: (Q)d-Ln-Ch, useful for the diagnosis and treatment of cancer, methods of imaging tumors in a patient, and methods of treating cancer in a patient. The present invention also provides novel compounds useful for monitoring therapeutic angiogenesis treatment and destruction of new angiogenic vasculature. The pharmaceuticals are comprised of a targeting moiety that binds to a receptor that is upregulated during angiogenesis, an optional linking group, and a therapeutically effective radioisotope or diagnostically effective imageable moiety. The imageable moiety is a gamma ray or positron emitting radioisotope, a magnetic resonance imaging contrast agent, an X-ray contrast agent, or an ultrasound contrast agent.

(54) Title of the invention : PSEUDO-RANDOM SEQUENCE GENERATOR AND ASSOCIATED METHOD

(51) International classification	:H04L9/22	(71)Name of Applicant :
(31) Priority Document No	:09/036,390	1)TELEFONAKTIEBOLAGET LM ERICSSON [PUBL]
(32) Priority Date	:06/03/1998	Address of Applicant :S-126 25 STOCKHOLM, Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/SE99/00172	1)BERNHARD JAN MARIE SMEETS
Filing Date	:09/02/1999	
(87) International Publication No	:WO99/45673A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27No of Claims : 12

(57) Abstract :
A method, and associated apparatus, for generating a pseudo-random number sequence. Determinations are made of compatible configurations of windmill generators (100) for a selected windmill polynomial. Implementation of a windmill generator (100) is made through use of word-oriented memory elements (104). Words stored in the memory elements (104) are selectively outputted to form portions of a pseudo-random number sequence.



(54) Title of the invention : MOLDED CONTAINER

(51) International classification	:G11B33/04
(31) Priority Document No	:60/085,455
(32) Priority Date	:14/05/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/10781
Filing Date	:14/05/1999
(87) International Publication No	:WO 99/59153 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**
1) DALE M. EVANS
 Address of Applicant : 6674 CHESTNUT CIRCLE, WINDSOR, WI
 53598, U.S.A.

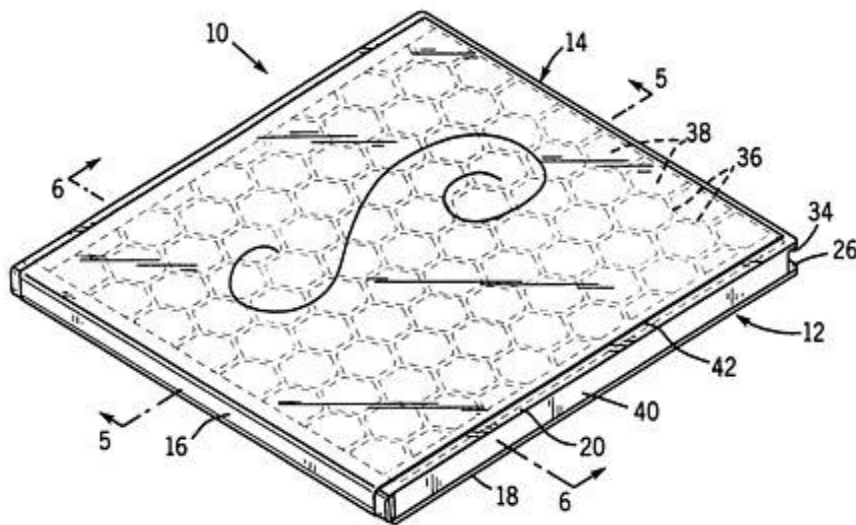
(72) **Name of Inventor :**
1) DALE M. EVANS

No of Pages : 13

No of Claims : 15

(57) Abstract :

A molded container having a base and a cover includes a network of segments that define a plurality of apertures through the base and the cover. Although the container retains structural strength, the weight of the container is substantially reduced by virtue of the apertures, thereby reducing the tonnage required to secure the mold during manufacture and reducing the cost of each container. The container can optionally be provided with a flexible sheet to cover the apertures.



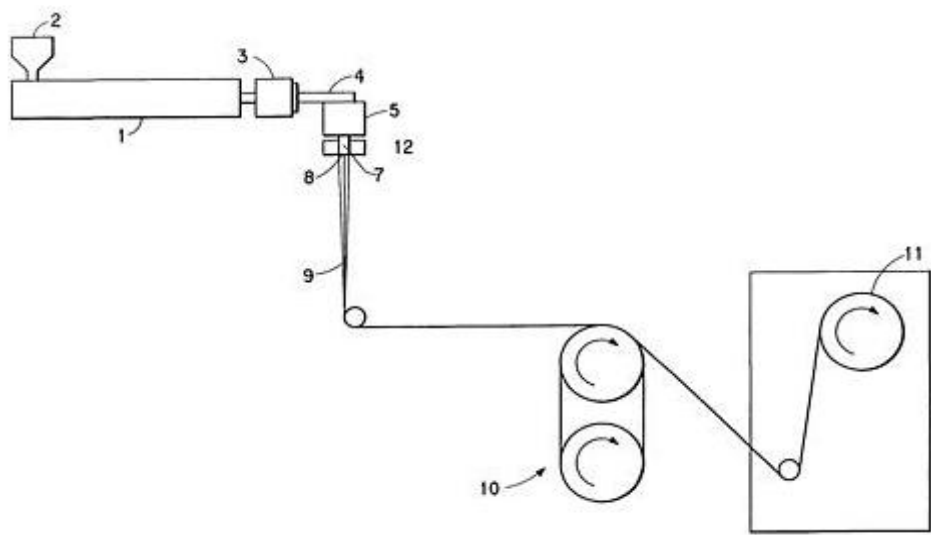
(54) Title of the invention : DYEABLE FLUOROPOLYMER FIBERS AND FILMS

(51) International classification	:C08L 27/18 ; C08J 5/18 ; D01F 6/48	(71)Name of Applicant : 1)E.I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 MARKET STREET, WILMINGTON, DELAWARE U.S.A.
(31) Priority Document No	:60/087,287	(72)Name of Inventor : 1)WILLIAM CHENG UY
(32) Priority Date	:29/05/1998	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US99/11555	
Filing Date	:26/05/1999	
(87) International Publication No	:WO 99/63000A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 14

(57) Abstract :
This invention relates to fluoropolymer such fibers and films which are receptive to cationic modifying agents such as dyes, whiteners, antistatic agents and flame retardants, and the fibers or films formed by treatment of the receptive fibers or film of the invention therewith. Such fibers and film are useful in various consumer goods where the products are desirably colored, whitened, antistatic or flame retardant.



(54) Title of the invention : DATA TRANSMISSION OVER A COMMUNICATIONS LINK WITH VARIABLE TRANSMISSION RATES

(51) International classification :H04J3/16
 (31) Priority Document No :09/078,598
 (32) Priority Date :14/05/1998
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/SE99/00708
 Filing Date :29/04/1999
 (87) International Publication No :WO99/59278A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

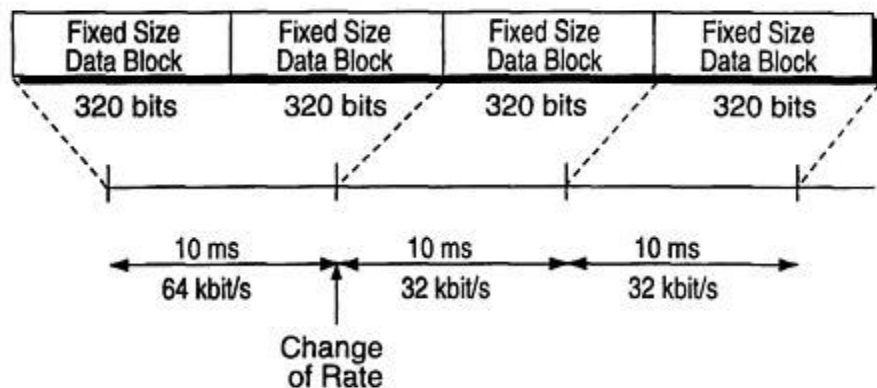
(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
 Address of Applicant :S-126 25 STOCKHOLM, Sweden
 (72)Name of Inventor :
1)JOHAN LUNDSJO
2)MATHIAS JOHANSSON
3)CHRISTIAAN ROOBOL
4)PER BEMING

No of Pages : 23

No of Claims : 17

(57) Abstract :

An optimal data block size is determined for use in transmitting data at variable rates over a communications link in predetermined time intervals, where each predetermined time interval has the same time duration. Rather than varying data block size according to changes in transmission rates, which adds unnecessary complexity, the data blocks all have the same fixed size, i.e., the same number of data bits in each block. That fixed data block size is determined so that for all of the available data transmission rates, each predetermined time interval is fully occupied with useful information. The fixed data block size is determined based on a maximum frequency at which the transmission rate may change on the communications link and a lowest available transmission rate. Preferably, the fixed size of each data block is limited by predetermined maximum and minimum data block sizes in order to reduce the number of bit errors per data block, maintain a certain data throughput, and limit the amount of overhead bits relative to the number of payload bits for each data block.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/00643/MUM A

(19) INDIA

(22) Date of filing of Application :21/11/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : STABILIZED AND CONTROLLED ELECTRON SOURCES, MATRIX SYSTEMS OF THE ELECTRON SOURCES, AND METHOD FOR PRODUCTION THEREOF

(51) International classification :H01J1/30,H01J9/02
(31) Priority Document No :98109078
(32) Priority Date :30/04/1998
(33) Name of priority country :Russia
(86) International Application No :PCT/RU99/00149
Filing Date :30/04/1999
(87) International Publication No :WO 99/57743 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CRYSTALS AND TECHNOLOGIES LTD.
Address of Applicant :UL. GARIBALDI 15-1, MANAGEMENT ROOM,
MOSCOW 117335, Russia
(72)Name of Inventor :
1)EVGENY INVIEVICH GIVARGIZOV
2)MIKHAIL EVGENIEVICH GIVARGIZOV
3)VLADIMIR ILICH ERSHOV
4)NINA IVANOVNA MANSHINA

No of Pages : 22

No of Claims : 50

(57) Abstract :

An electron source is proposed where a field emitter is formed by a whisker grown epitaxially on a substrate. A ballast resistor and an active area are placed in the body and/or on the surface of the field emitter. The ballast resistor can be realized as a barrier in the shape of n-n+, p-p+, p-n semiconductor junctions or insulating layer that crosses the charge carrier flow. Components for controlling such electron sources are arranged vertically. This allows to decrease significantly the area taken by the components, and, in such a way, to increase the resolving power of devices and expand fields of their applications. In so doing, owing to whisker-grown field emitters it is possible to control the emission currents by low voltages at strong electric fields.

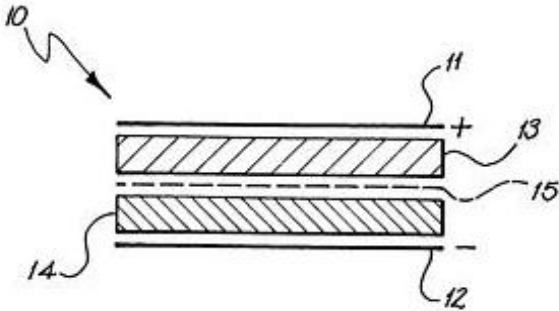
(54) Title of the invention : REDOX GEL BATTERY AND A BATTERY MANAGEMENT SYATEM WITH THE BATTERY

(51) International classification	:H01M10/36, H01M4/36, H01M8/20	(71)Name of Applicant : 1)FARNOW TECHNOLOGIES PTY LTD. Address of Applicant :10 FERNGREEN WAY, CASTLE HILL, NSW 2154, Australia
(31) Priority Document No	:PP 3992	(72)Name of Inventor :
(32) Priority Date	:09/06/1998	1)STEPHEN WAYNE HOLTOM
(33) Name of priority country	:Australia	2)CHRIS MENICTAS
(86) International Application No	:PCT/AU99/00471	
Filing Date	:09/06/1999	
(87) International Publication No	:WO99/65100A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 15

(57) Abstract :
A redox gel battery (10) consists of a positive redox gel electrolyte (13) a negative redox gel electrolyte (14) and a membrane (15) therebetween. A positive electrode (11) is electrically connected to the positive redox gel electrolyte (13) and a negative electrode (12) is electrically connected to the negative redox gel electrolyte (14). The operation of the redox gel battery can be enhanced by a battery management system which minimises the effects of polarisation.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/00667/MUM A

(19) INDIA

(22) Date of filing of Application :24/11/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : N-SUBSTITUTED DERIVATIVES OF 5-OXIMINOBARBITURIC ACID

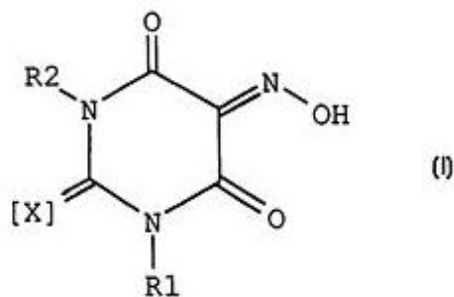
(51) International classification	:C07D239/62 A61K31/515 C07D239/66	(71)Name of Applicant : 1)NATURAL DRUG SCIENCES, LLC Address of Applicant :48 SOUTH FRANKIN TURNPIKE, RAMSEY, NJ 07446, U.S.A.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)RIMMA LLINICHNA ASHKINAZI
(33) Name of priority country	:NA	
(86) International Application No	:PCT/RU98/00160	
Filing Date	:26/05/1998	
(87) International Publication No	:WO99/61427A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 50

(57) Abstract :

The present invention pertains to the field of medicine and essentially relates to synthetic biologically active compounds of the heterocyclic series having a wide range of biological activities. This invention more precisely relates to compounds of N-substituted derivatives of 5-oximinobarbituric acid of general formula (I) where [X] is an oxygen or sulphur atom, R1 is selected from the group comprising saturated or unsaturated alkanes, cycloalkanes, arylalkanes and aromatic compounds, and (R2) is a hydrogen atom or is selected from the group comprising saturated or unsaturated alkanes, cycloalkanes, arylalkanes and aromatic compounds having a biological activity. The compounds of general formula (I) exhibit an anti-viral activity



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/00674/MUM A

(19) INDIA

(22) Date of filing of Application :28/11/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : ENZYMATIC MODIFICATION OF PSYLLIUM

(51) International classification	:C12N9/42 ; C12P 19/04 ; A23L 1/29	(71) Name of Applicant : 1)KELLOGG COMPANY Address of Applicant :ONE KELLOGG PLAZA, P.O. BOX 3599, BATTLE CREEK, MICHIGAN 49016-3423, U.S.A.
(31) Priority Document No	:60/088,313	
(32) Priority Date	:05/06/1998	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US99/12592	1)LIANGLI YU
Filing Date	:04/06/1999	2)GWEN DEVAY
(87) International Publication No	:WO 99/63053 A2	3)GRACE LAI
(61) Patent of Addition to Application Number	:NA	4)CURTIS SIMMONS
Filing Date	:NA	5)SUSAN NEILSEN
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 20

(57) Abstract :

Enzymatic treatment of raw psyllium yields a modified psyllium with improved functionality. A preferred method includes the steps of adding raw psyllium to an aqueous dispersion containing a sufficient amount of an enzyme capable of modifying the carbohydrates of the raw psyllium to yield a modified psyllium with improved functionality. Products containing the modified psyllium and methods for producing the same are also provided.

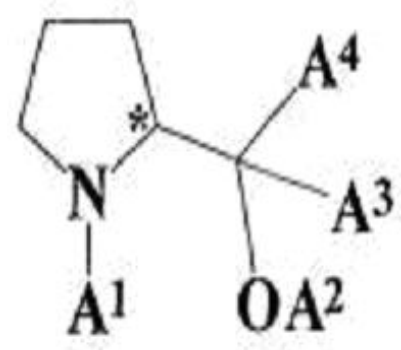
(54) Title of the invention : CHIRAL MATERIALS

(51) International classification	:CO7D209/08	(71)Name of Applicant :
(31) Priority Document No	:98 14 827.3	1)ROLIC AG
(32) Priority Date	:08/07/1998	Address of Applicant :CHAMERSTRASSE 50, 6301 ZUG, Switzerland
(33) Name of priority country	:U.K.	(72)Name of Inventor :
(86) International Application No	:PCT/IB99/01252	1)CHERKAOUL, Zoubair
Filing Date	:06/07/1999	2)SCHMITT, Klaus
(87) International Publication No	:WO 00/02856	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 16

(57) Abstract :
Chiral prolinol derivatives are of formula the compounds may be used as doping agents for liquid crystals for a wide range of application including solid cholesteric filters for projection displays polariser, optical filter, etc.



(54) Title of the invention : INHIBITORS OF TRANSCRIPTION FACTOR NF-KB

(51) International classification	:A61K31/535 A61K31/495 A61K31/445	(71)Name of Applicant : 1)SMITHKLINE BEECHAM CORPORATION Address of Applicant :ONE FRANKLIN PLAZA, PHILADELPHIA, PENNSYLVANIA 19103, U.S.A.
(31) Priority Document No	:60/090,016	(72)Name of Inventor :
(32) Priority Date	:19/06/1998	1)JAMES FRANCIS CALLAHAN
(33) Name of priority country	:U.S.A.	2)MARIE C. CHABOT-FLETCHER
(86) International Application No	:PCT/US99/13897	
Filing Date	:18/06/1999	
(87) International Publication No	:WO99/65495A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 18

(57) Abstract :

The present invention provides amino-indanone inhibitors of transcription factor NF-κB and pharmaceutically acceptable salts, hydrates and solvates thereof, pharmaceutical compositions of such compounds, and methods for treating diseases in which activation of NF-κB is implicated. More specifically, the present invention provides methods of treatment of a variety of diseases associated with NF-κB activation including inflammatory disorders; particularly rheumatoid arthritis, inflammatory bowel disease, and asthma; dermatosis, including psoriasis and acute dermatosis; autoimmune diseases; tissue and organ rejection; Alzheimer's disease; stroke; atherosclerosis; restenosis; cancer, including Hodgkins disease; and certain viral infections, including AIDS; osteoarthritis; osteoporosis; and Ataxia Telangiastasia by administering to a patient in need thereof a compound of the present invention.

(54) Title of the invention : PHARMACEUTICALS FORMULATION FOR AEROSOLS WITH TWO OR MORE ACTIVE SUBSTANCES

(51) International classification	:A61K9/12 A61K31/135 A61K31/46	(71) Name of Applicant : 1)BOEHRINGER INGELHEIM PHARMACEUTICALS, INC. Address of Applicant :900 RIDGEBURY ROAD, RIDGEFIELD, CONNECTICUT 06877 U.S.A.
(31) Priority Document No	:198 27 178.6	(72) Name of Inventor :
(32) Priority Date	:18/06/1998	1)DANIEL P. MCNAMARA
(33) Name of priority country	:Germany	2)GEORGE A. DESTEFANO
(86) International Application No	:PCT/US99/12785	
Filing Date	:08/06/1999	
(87) International Publication No	:WO 99/65464A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 21

(57) Abstract :
The present invention relates to new pharmaceutical formulations for aerosols with at least two or more active substances for administration by inhalation or by nasal route. Specifically, the invention relates to pharmaceutical preparations for propellant-driven metered dose aerosols using a fluorohydrocarbon (HFC) as propellant, which contain a combination of active substance of two or more active substances, wherein at least one active substance is present in dissolved form together with at least one other active substance in the form of suspended particles.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/00119/MUM A

(19) INDIA

(22) Date of filing of Application :01/02/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : SUBSTITUTED CINNAMIC ACIDS AND CINNAMIC ACID ESTERS

(51) International classification :C07C 69/76
(31) Priority Document No :198 37 069.5
(32) Priority Date :17/08/1998
(33) Name of priority country :Germany
(86) International Application No :PCT/EP99/05735
Filing Date :09/08/1999
(87) International Publication No :WO 00/10963
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

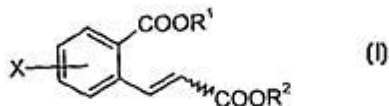
(71)Name of Applicant :
1)BAYER AKTIENGESELLSCHAFT
Address of Applicant :D-51368 LEVERKUSEN Germany
(72)Name of Inventor :
1)WALTER LANGE
2)JOACHIM KOMOSCHINSKI
3)GUIDO STEFFAN
4)ERNST KYSELA

No of Pages : 20

No of Claims : 10

(57) Abstract :

The invention relates to substituted cinnamic acids and cinnamic acid esters of formula (1), whereby X represents F, Cl or J and R and R are the same or different and represent hydrogen, an optionally substituted C1-C10-alkyl radical or an optionally substituted benzyl radical. Substituted indanone carboxylic acid esters are produced using said substituted cinnamic acid and cinnamic acid ester in a technically simple and non-dangerous manner as far as safety is concerned.



(54) Title of the invention : AN ANTENNA DEVICE

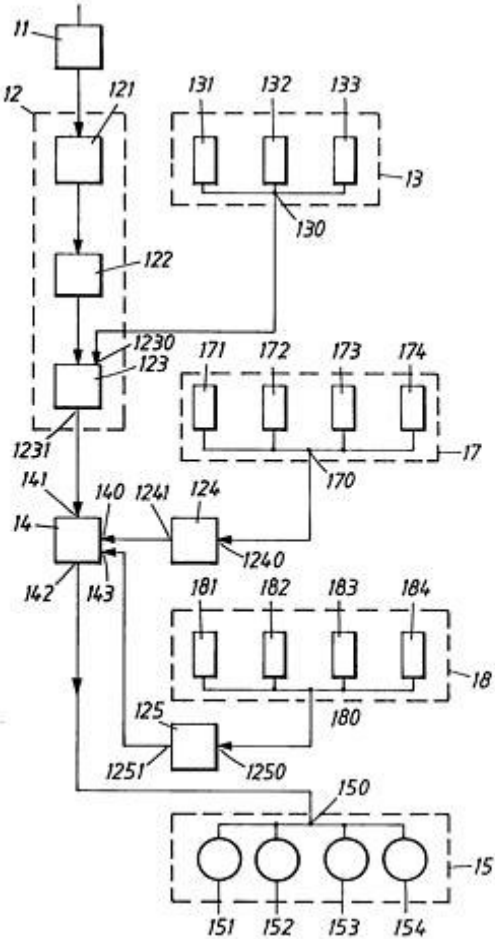
(51) International classification	:H01Q3/00	(71)Name of Applicant :
(31) Priority Document No	:9802720-4	1)C2SAT COMMUNICATIONS AB
(32) Priority Date	:13/08/1998	Address of Applicant :ROMANSVAGEN 6,S-131 40 NACKA Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE99/01341	1)MATS NILSSON
Filing Date	:06/08/1999	
(87) International Publication No	:WO 00/10224	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 4

(57) Abstract :

An antenna arrangement includes an antenna reflector (10), a transceiver element (11) and a signal detection unit (12) having a signal converter (121-122) and a computing unit (123) for generating in response to incoming signals control signals for controlling the alignment of the antenna reflector (10) with a target object. The signal converter (121-122) is adapted to reduce its bandwidth automatically and incrementally from a requisite maximum frequency range to a narrow band frequency range. Changes in the direction of the antenna reflector are detected through the medium of a movement detection unit (13) that includes 3d-sensors (131, 132, 133). Mechanical control of the alignment direction of the antenna reflector (10) is effected with the aid of a drive unit (15).



(54) Title of the invention : POLYNUCLEOTIDE SEQUENCES

(51) International classification	:C12N15/82 C07K14/41	(71) Name of Applicant : 1)ZENECA LIMITED Address of Applicant :15 STANHOPE GATE, LONDON, W1Y 6LN, U.K.
(31) Priority Document No	:9818003.7	(72) Name of Inventor :
(32) Priority Date	:18/08/1998	1)IAN JEFFREY EVANS
(33) Name of priority country	:U.K.	2)JOHN ANTHONY RAY
(86) International Application No	:PCT/GB99/02720	
Filing Date	:17/08/1999	
(87) International Publication No	:WO 00/11196 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 52

No of Claims : 19

(57) Abstract :
Nucleotide sequences and the expression products thereof are described for use in the production of transgenic plants. In particular polynucleotides comprising a sequence selected from those depicted in SEQ ID No.1, SEQ ID No.2, SEQ ID No.3, SEQ ID No.4 and SEQ ID No.5 are provided.

(54) Title of the invention : ENDOSCOPE CLEANING DEVICE

(51) International classification	:A61B19/00
(31) Priority Document No	:PP 5370
(32) Priority Date	:20/08/1998
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU99/00669
Filing Date	:19/08/1999
(87) International Publication No	:WO00/10476A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOVAPHARM RESEARCH [AUSTRALIA] PTY. LTD.
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 2018, Australia

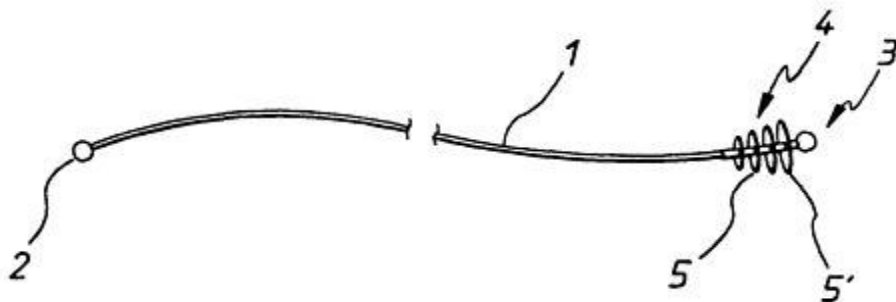
(72)**Name of Inventor :**
1)STEVEN KRITZLER

No of Pages : 22

No of Claims : 32

(57) Abstract :

Apparatus for wiping a contaminated lumen of an endoscope comprising a cleaning member (4) having at least one radially extending fin (5, 5'), said member being adapted to pass axially through the lumen with at most a small clearance whereby contamination remaining after passage of the member through the lumen is substantially uniformly distributed as a thin film. The invention also relates to a method for cleaning a contaminated lumen of an endoscope comprising the steps of pulling or pushing a cleaning member of the type referred to above axially through the lumen, and treating the uniformly distributed film with a cleaning composition.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/00186/MUM A

(19) INDIA

(22) Date of filing of Application :20/02/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : TOOTHPASTE COMPRISING FINE AND COARES CALCIUM CARBONATE

(51) International classification	:A61K 7/16
(31) Priority Document No	:98306759.6
(32) Priority Date	:24/08/1998
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP99/05362
Filing Date	:23/07/1999
(87) International Publication No	:WO 00/10520
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :165/166,BACKBAY RECLAMATION MUMBAI-400 020,MAHARASHTRA INDIA Maharashtra India

(72)Name of Inventor :

1)ALEXANDER THOMAS ASHCROFT

2)CHRISTOPHER DAVID GIBBS

3)PHILIP CHRISTOPHER WATERFIELD

4)STEPHEN JOHN SINGLETON

No of Pages : 11

No of Claims : 8

(57) Abstract :

The present invention relates to a toothpaste which comprises particulate calcium carbonate as the main abrasive cleaning agent. By using a mixture of relatively fine particulate calcium carbonate with a certain level of relatively coarse particulate calcium carbonate, the toothpaste provides for a reduced RDA while maintaining the same cleaning efficacy in comparison with the use of only the relatively fine particulate calcium carbonate.

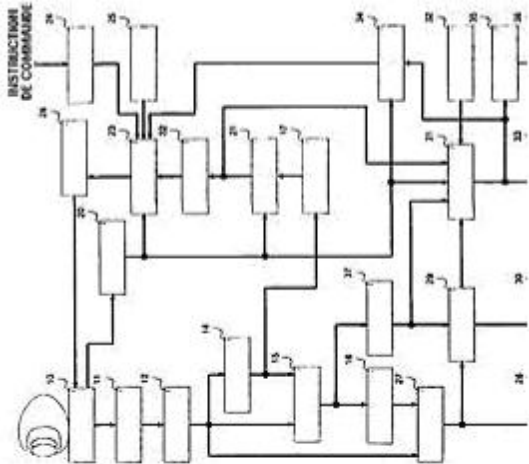
(54) Title of the invention : VISUAL DEVICE

(51) International classification	:G06T 1/00	(71)Name of Applicant :
(31) Priority Document No	:10/257327	1)ECCHANDES INC.
(32) Priority Date	:10/09/1998	Address of Applicant :12-7, CHUOHOMMACHI, GAMAGORI-SHI,
(33) Name of priority country	:Japan	AICHI, 443-0057, Japan
(86) International Application No	:PCT/JP99/04975	(72)Name of Inventor :
Filing Date	:10/09/1999	1)YOSHIAKI AJIOKA
(87) International Publication No	:WO00/16259A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 164No of Claims : 1

(57) Abstract :

A visual device searches for moving and still objects and counts the moving and still objects. Specifically, the device comprises means (25) for vibrating a frame image by using an array calculating unit, means (14) for creating edge information on the moving and still objects from the frame image, means (16) for separating the object regions of the moving and still objects from the background of the frame image, means (17) for measuring the positions and sizes of the moving and still objects, means (27) for normalizing the separation object regions segmented by the object regions to normalized regions, and means (29) for recognizing the normalized regions. A visual device searches for moving and still objects and counts the moving and still objects. Specifically, the device comprises means (25) for vibrating a frame image by using an array calculating unit, means (14) for creating edge information on the moving and still objects from the frame image, means (16) for separating the object regions of the moving and still objects from the background of the frame image, means (17) for measuring the positions and sizes of the moving and still objects, means (27) for normalizing the separation object regions segmented by the object regions to normalized regions, and means (29) for recognizing the normalized regions.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/00345/MUM A

(19) INDIA

(22) Date of filing of Application :29/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : TREATMENT FOR SUBSTRATES

(51) International classification	:C11D 3/22 ; D06M15/03 ; A61K 7/06	(71)Name of Applicant : 1)HINDUSTAN LEVER LIMITED Address of Applicant :HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI - 400 020, Maharashtra India
(31) Priority Document No	:9821217.8	(72)Name of Inventor :
(32) Priority Date	:30/09/1998	1)CLARK JUDITH MARY
(33) Name of priority country	:U.K.	2)HOPKINSON ANDREW
(86) International Application No	:PCT/EP99/07423	3)JONES CHRISTOPHER CLARKSON
Filing Date	:23/09/1999	4)KHOSHDEL EZAT
(87) International Publication No	:WO 00/18861 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 55

No of Claims : 12

(57) Abstract :

A water-soluble or water-dispersible material for deposition onto a substrate during a treatment process, the material comprising: (i) a deposition enhancing part having a polymeric backbone; and (ii) a benefit agent attached to the deposition enhancing part by a hydrolytically stable bond. The material undergoes during the treatment process a chemical change which does not involve the hydrolytically stable bond and by which change the affinity of the material onto the substrate is increased.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/00347/MUM A

(19) INDIA

(22) Date of filing of Application :29/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : SOAP BARS WITH LITTLE OR NO SYNTHETIC SURFACTANT

(51) International classification

:C11D9/26

(31) Priority Document No

:09/170,854

(32) Priority Date

:13/10/1998

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/EP99/07775

Filing Date

:08/10/1999

(87) International Publication No

:WO 00/22082

A1

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HINDUSTAN LEVER LIMITED

Address of Applicant :HINDUSTAN LEVER HOUSE, 165/166
BACKBAY RECLAMATION, MUMBAI 400020, Maharashtra India

(72)Name of Inventor :

1)GUNST EDWARD ANDREW VAN

2)CORR JAMES JOSEPH

3)SHEEHAN JOHN GERARD

No of Pages : 31

No of Claims : 9

(57) Abstract :

A bar composition comprising about 50-80 % soap, about 4 to 35 % by wt. free fatty acid and less than 5 % synthetic surfactant. Addition of 1 % to 10 % organic salt has been found to allow use of little or no surfactant while maintaining consumer desirable properties.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/00463/MUM A

(19) INDIA

(22) Date of filing of Application :26/04/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : THERMOPLASTIC RESINS WITH A LOW PROPORTION OF COARSE PARTICLES

(51) International classification	:C08L57/00 ; C08F 279/02
(31) Priority Document No	:198 51 676.2
(32) Priority Date	:10/11/1998
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP99/08182
Filing Date	:28/10/1999
(87) International Publication No	:WO 00/27918A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BAYER AKTIENGESELLSCHAFT
Address of Applicant :D-51368 LEVERKUSEN, Germany

(72)**Name of Inventor :**
1)MICHAEL ZOBEL
2)DIETER WITTMANN
3)HERBERT EICHENAUER
4)ALFRED EITEL
5)THOMAS ECKEL
6)BERND KELLER
7)HANS-BERNHARD HAUERTMANN
8)DOROTHY ROSE

No of Pages : 39

No of Claims : 11

(57) Abstract :

The present invention relates to homo and/or co-polymers containing ≤ 100 ppm coarse particles with a particle diameter of between 200 and 500 Åµm, to thermoplastic moulding compositions containing these homo-and/or co-polymers, and to the use of the homo-and/or copolymers and of the moulding compositions for the production of moulded parts, and to the moulded parts themselves.

(54) Title of the invention : SIDE BEARING PAD

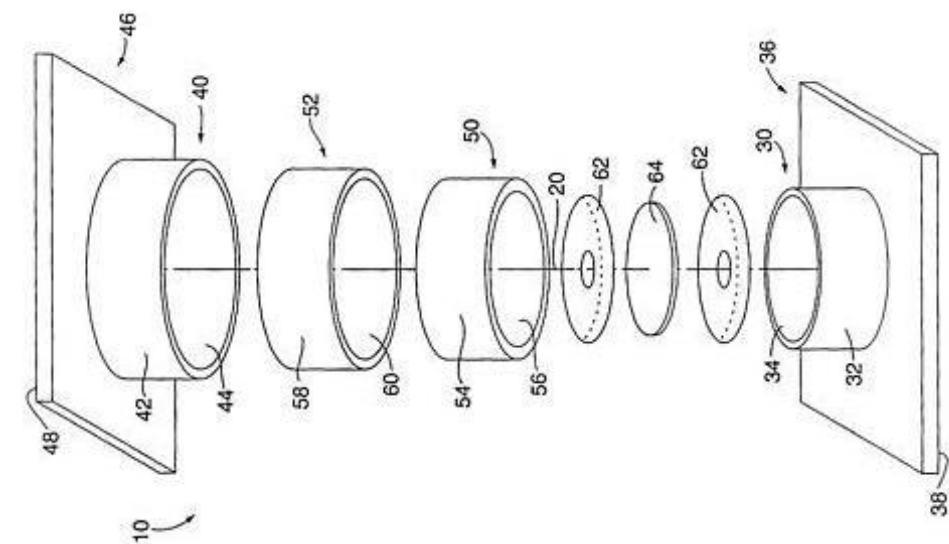
(51) International classification :B61F 5/14 (31) Priority Document No :09/407053 (32) Priority Date :27/09/1999 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US00/25339 Filing Date :15/09/2000 (87) International Publication No :WO 01/23237A1 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)UNIROYAL CHEMICAL COMPANY,INC Address of Applicant :199 BENSON ROAD,MIDDLEBURY,CONNECTICUT 06749 U.S.A. (72)Name of Inventor : 1)RICHARD L.PALINKAS

No of Pages : 15

No of Claims : 14

(57) Abstract :

In a side bearing pad assembly (10) two housings (30, 40) are provided, each having a bore (34, 44) of such size and orientation that the housings slide telescopically one within the other. When assembled the bores constitute a single internal cavity which houses resilient members (62). Each housing is mounted onto a load bearing member (36, 46). The biasing resilient members (62) urge the load bearing members apart when a compressive load is imposed on either of such members. The resilient members (62) respond in a non-linear manner to force exerted on them.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/00760/MUM A

(19) INDIA

(22) Date of filing of Application :25/06/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : BRANCHED/BLOCK COPOLYMERS FOR TREATMENT OF KERATINOUS SUBSTRATES

(51) International classification :C08F265/04

(31) Priority Document No :09/223,664

(32) Priority Date :30/12/1998

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US1999/30790

Filing Date :22/12/1999

(87) International Publication No :WO 00/40628 A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)THE B. F. GOODRICH COMPANY

Address of Applicant :4 COLISEUM CENTRE, 2730 WEST TYVOLA ROAD, CHARLOTTE, NORTH CAROLINA 28217-4578, U.S.A.

(72)Name of Inventor :

1)RAMIRO GALLEGUILLLOS

2)DAVID J SMITH

3)STEVEN P CONSTANTINO

No of Pages : 45

No of Claims : 14

(57) Abstract :

A block copolymer for hair styling compositions includes hydrophilic and hydrophobic blocks which allow for optimization of desirable characteristics of the hair styling composition, such as style retention at high humidity, tack, hardness, resistance to flaking, and washability from the hair. The copolymer includes a polyacrylate backbone of hydrophobic blocks, with hydrophilic acrylate side chains. The copolymer is suitable for the formulation of a number personal care, household, hair care, skin care and other formulation. The copolymer is suited to incorporation into low VOC hydra-alcoholic hair styling compositions to meet reduced VOC, regulations.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/00920/MUM A

(19) INDIA

(22) Date of filing of Application :01/08/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : HAIR TREATMENT COMPOSITION COMPRISING C20 OR HIGHER UNSATURATED FATTY ACID POLYESTER OF CYCLIC POLYOLS

(51) International classification	:A61K7/06
	A01N24/34
(31) Priority Document No	:9902632.0
(32) Priority Date	:05/02/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP00/00758
Filing Date	:01/02/2000
(87) International Publication No	:WO 00/45778
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
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2)GILES,COLIN CHRISTOPHER DAVID
3)MURRY,ANDREW MALCOLM
4)RED,PAMELA EILEEN
5)PEARCE MATTHEW LESLIE

No of Pages : 32

No of Claims : 7

(57) Abstract :

Hair treatment compositions are provided which have conditioning benefits and which contain a fatty acid polyester of a polyol selected from cyclic polyols, sugar derivatives and mixtures thereof, in which at least 50% by weight of the total fatty acid moieties of the polyester are C20 or higher unsaturated fatty acid moieties. Specific examples of suitable fatty acid polyesters are sucrose trierucate, sucrose pentaerucate, sucrose tetraerucate, sucrose trirapeate, sucrose tetrarapeate, and sucrose pentarapeate, and mixtures thereof. The compositions are typically in the form of shampoos or conditioners and give surprisingly improved overall conditioning, in particular hair softness.

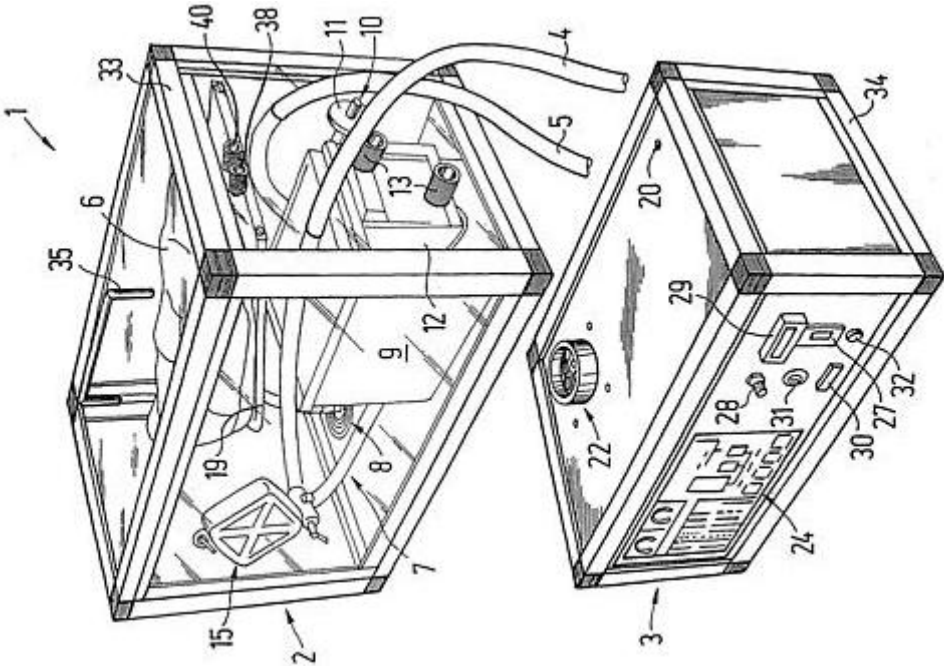
(54) Title of the invention : MOBILE HEART-LUNG MACHINE

(51) International classification :A61M 1/36 (31) Priority Document No :199 05 937.3 (32) Priority Date :12/02/1999 (33) Name of priority country :Germany (86) International Application No :PCT/EP00/01209 Filing Date :14/02/2000 (87) International Publication No :WO 00/47248 A1 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)LIFEBRIDGE MEDIZINTECHNIK GMBH Address of Applicant :POSSARTSTR. 9, D-81679 MUNCHEN, Germany (72)Name of Inventor : 1)KARSTEN KIRCHHOF

No of Pages : 27

No of Claims : 14

(57) Abstract :
The invention relates to a mobile heart-lung machine for maintaining the blood circulation by taking over or supporting the cardiopulmonary function. Said machine comprises at least one venous tube (5), a blood pump (8), an oxygenator (9), an arterial filter (15), an arterial tube (4) and a tubular system for circulating the blood (7), an automatic control system (24) and a self-sufficient voltage supply. The aim of the invention is to provide a heart-lung machine that is easy to handle. To this end, the elements (4, 5, 6, 7, 8, 9, 15, 18, 21) which circulate the blood, receive the biochemical and physiological signal and carry out the control commands on the one hand and the drive and automatic control elements (23, 24, 27, 28, 29, 30, 31, 32) on the other hand are arranged in two separate modules (2, 3) and can be combined to form one functional unit.



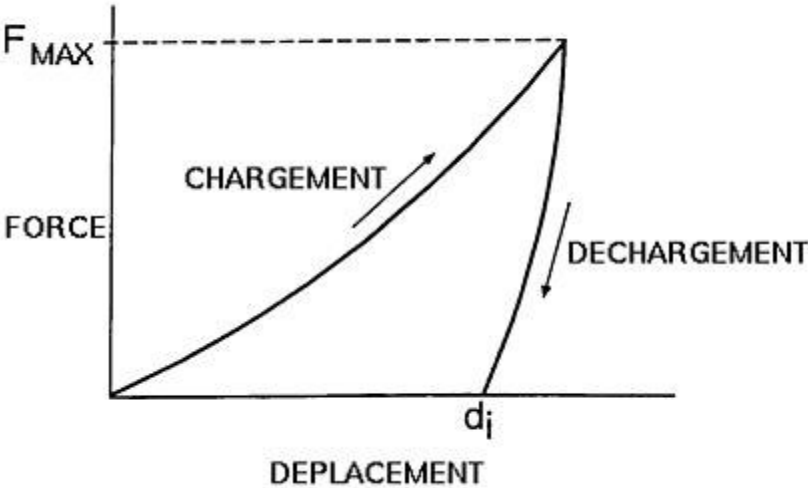
(54) Title of the invention : ICE CONFECTION

(51) International classification :A23G 9/02 (31) Priority Document No :9905524.6 (32) Priority Date :10/03/1999 (33) Name of priority country :U.K. (86) International Application No :PCT/EP00/01757 Filing Date :02/03/2000 (87) International Publication No :WO 00/53026 A1 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)HINDUSTAN LEVER LIMITED Address of Applicant :HINDUSTAN LEVER HOUSE ,165/166 BACKBAY RECLAMATION,MUMBAI-400 020 Maharashtra India (72)Name of Inventor : 1)DANIEL ADRIAN MATTHE 2)HODDLE ANDREW 3)JONES ANABELA 4)OLDROYD JON RICHARD 5)SINGLETON SCOTT

No of Pages : 67

No of Claims : 14

(57) Abstract :
An ice confection comprising an antifreeze protein, wherein Δ modulus/original modulus ≥ 0.4 , and/or Δ strength/original strength ≥ 0.4 ; providing that when Δ modulus/original modulus ≤ 6.0 , Δ modulus ≥ 50 MPa, and/or when Δ strength/original strength ≤ 2.0 , Δ strength ≥ 0.2 MPa. Such ice confections have a strong, close-packed continuous network of ice crystals and can be used to manufacture products having novel textures, properties and/or shapes.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01059/MUM A

(19) INDIA

(22) Date of filing of Application :05/09/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : SILICA AND IRON OXIDE BASED PIGMENTS AND METHOD FOR THE PRODUCTION THEREOF

(51) International classification :C09C 1/62
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/ES99/00060
Filing Date :10/03/1999
(87) International Publication No :WO 00/53680
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

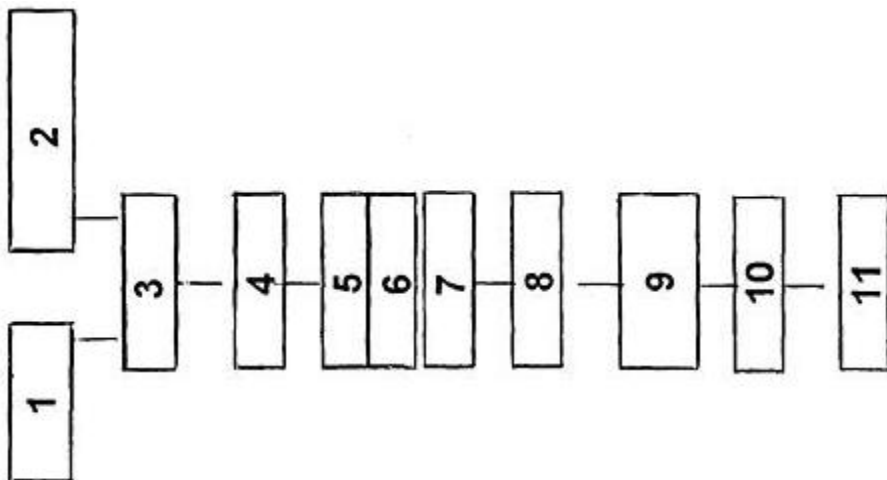
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2)ANTONIO BLASCO FUENTES
3)FRANCISCO NEGRE MEDALL
4)VICENTE BELTRAN PORCAR
5)BENITO CERVANTES RODRIGUEZ**

No of Pages : 10

No of Claims : 19

(57) Abstract :

The invention relates to silica and iron oxide based pigments and to a method for the production thereof. In order to obtain a silica and iron oxide based pigment, microsilica and an iron oxide source are mixed and/or trituated in a ratio ranging between 2 % and 30 % by weight of iron oxide. A dry agglomerate is obtained by mixing the raw materials, which is calcined at temperatures ranging from 800Å° to 1300Å° C, yielding a product which is then trituated to obtain a reddish powder. This colorant has a wide variety of applications, for instance, red and orange colored pieces can be produced when it is added to a standard porcelain earthenware composition.



(54) Title of the invention : VALDECOXIB COMPOSITIONS

(51) International classification	:A61K31/42	(71) Name of Applicant :
(31) Priority Document No	:60/169,856	1)PHARMACIA CORPORATION
(32) Priority Date	:08/12/1999	Address of Applicant :P. O. BO 5110, CHICAGO, ILLINOIS 60680,
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US00/32433	(72) Name of Inventor :
Filing Date	:06/12/2000	1)SREEKANT NADKARNI
(87) International Publication No	:WO 01/41762 A2	2)TUGRUL T. KARARLI
(61) Patent of Addition to Application Number	:NA	3)MARK J. KONTNY
Filing Date	:NA	4)SUBHASH DESAI
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 1

(57) Abstract :

Pharmaceutical compositions are provided comprising particulate valdecoxib in an amount of about 1 mg to about 100 mg and one or more pharmaceutically acceptable excipients. The compositions are useful in treatment or prophylaxis of cyclooxygenase-2 mediated conditions and disorders.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01064/MUM A

(19) INDIA

(22) Date of filing of Application :06/09/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A TAMPER-EVIDENT FORM

(51) International classification	:B42D 15/00
(31) Priority Document No	:PP9313
(32) Priority Date	:16/03/1999
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU00/00191
Filing Date	:14/03/2000
(87) International Publication No	:WO00/54984
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DOCUMOTION RESEARCH, INC
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2)CASAGRANDE CHARLE L.
3)VAN BOOM JOEL BRYAN

No of Pages : 13

No of Claims : 10

(57) Abstract :

Confidential information (11) is printed on an upper transparent laminate (10). A scrambling pattern (15) is associated with a lower laminate (14). The upper surface of the lower laminate and the lower surface of the upper laminate are complementary in shape such that the upper laminate appears transparent, but alters to appear translucent when separated from the lower laminate. This provides a tamper-evident mechanism for indicating separation of the laminates.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01074/MUM A

(19) INDIA

(22) Date of filing of Application :07/09/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : ROSIN AMINE ANTI-FOULING AGENTS

(51) International classification	:C07C233/02
(31) Priority Document No	:99105349.7
(32) Priority Date	:16/03/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP00/02118
Filing Date	:10/03/2000
(87) International Publication No	:WO 00/55117
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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3)NEDERLANDSE ORGANISATIE VOOR TOEGEPAST

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(72)Name of Inventor :

1)FRANZ KUNISCH

2)MARTIN KUGLER

3)JEAN CLAUDE BRAEKMAN

4)MARK PLEHIERS

5)GABRIELE M FERRARI

6)MARCEL VOS

No of Pages : 18

No of Claims : 1

(57) Abstract :

The invention relates to new and known compounds as well as methods for preventing the attachment of aquatic organisms to surfaces which are submerged for extensive periods of time in water. More particularly, this invention relates to the protection of submerged surfaces with new isonitrile, formamide, isocyanate and isothiocyanate anti-fouling agents.

(54) Title of the invention : A PROCESS FOR THE REDUCTION OF OXIRANYL EPOTHILONES TO OLEFINIC EPOTHILONES

(51) International classification	:C07D 225/02
(31) Priority Document No	:09/316,796
(32) Priority Date	:21/05/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/13253
Filing Date	:15/05/2000
(87) International Publication No	:WO 00/71521 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BRISTOL-MYERS SQUIBB COMPANYAddress of Applicant :P.O. BOX 4000, PRINCETON, NEW JERSEY
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(72)Name of Inventor :

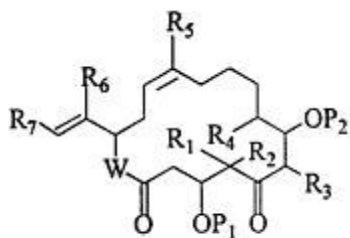
1)SOONG-HOON KIM**2)JAMES A. JOHNSON**

No of Pages : 19

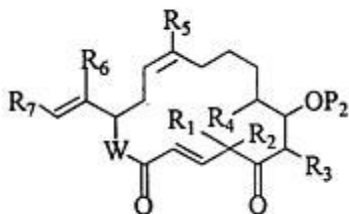
No of Claims : 4

(57) Abstract :

The invention as claimed is directed to a process for making an epothilone having structures (II) or (IV) from ones having an oxiranyl moiety, by reacting a compound having the latter structure with a metal or metal-assisted reagent. Said metal or metal-assisted reagent is selected from the group consisting of a) reactive metallocenes; b) [N₂C(CO₂Me)₂, cat Rh₂(OAC)₄]; c) [N₂C(CO₂Me)₂, cat[(n-C₇H₁₅CO₂)₂ Rh]₂]; d) [Zn-Cu, EtOH]; e) [Mg(Hg), MgBr]; f) Cr; g) [FeCl₃, n-BuLi]; h) [TiCl₃, LiAlH₄]; i) [TiCl₄, Zn]; j) [WCl₆, LiAlH₄]; k) [NbCl₅, NaAlH₄]; l) [VCl₃, Zn] and m) [WCl₆, n-BuLi].



(II)



(IV)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01126/MUM A

(19) INDIA

(22) Date of filing of Application :17/09/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : TITANIUM-CONTAINING CATALYST COMPOSITION AND PROCESSES THEREFOR AND THEREWITH

(51) International classification	:B01J 31/12
(31) Priority Document No	:09/293,302
(32) Priority Date	:16/04/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/08637
Filing Date	:20/04/1999
(87) International Publication No	:WO00/062927A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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3)HIEP QUANG DO
4)JAMES ARTHUR TRAINHAM
5)HERMANN LUDWIG JAEGER
6)HEINER SCHULTE

No of Pages : 25

No of Claims : 28

(57) Abstract :

This invention relates to a catalyst composition comprising an organic titanium compound, a complexing agent, a phosphorus source,, a solvent, and optionally a cocatalyst, a process for preparing the composition and use thereof in esterification, transesterification, polymerisation or combinations thereof. The complexing agent is selected from hydroxycarboxylic acids and aminocarboxylic acids, or combinations thereof, the phosphorus is selected from phosphonic acid, phosphinic acid, a phosphine or combinations thereof. The cocatalyst can be a cobalt/aluminium catalyst, and antimony compound, or combinations thereof; a sulfonic acid may be present. In examples a composition of tetraisopropyl titanate, ethylene glycol, phenylphosphinic acid, p-toluenesulfonic acid and malic acid was used as polycondensation catalyst in the preparation of PET.

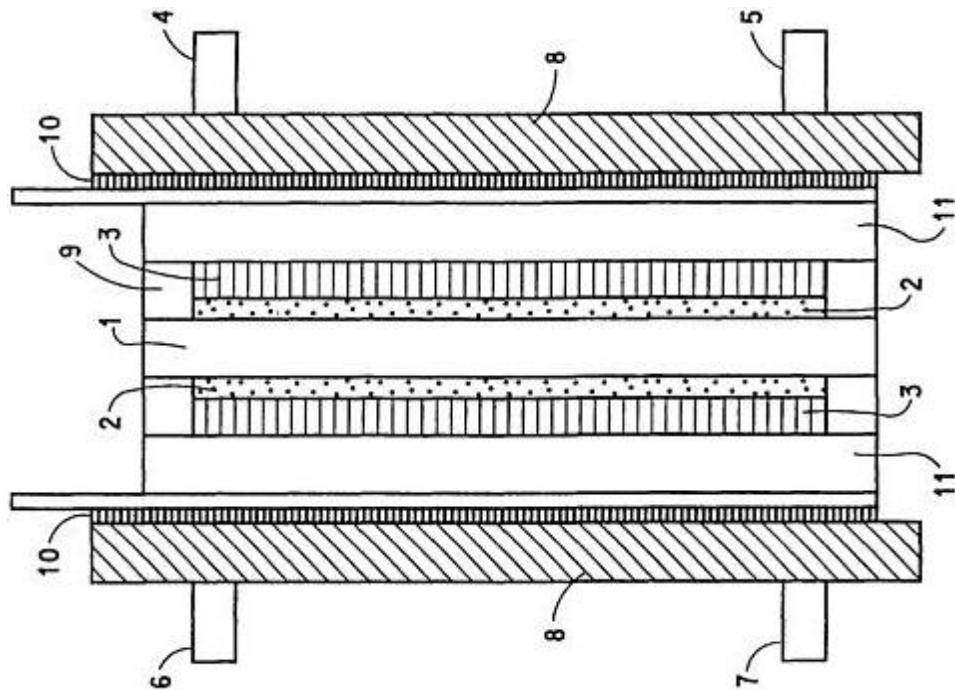
(54) Title of the invention : ELECTROCHEMICAL USES OF AMORPHOS FLUOROPOLYMERS

(51) International classification	:H01M 4/00	(71)Name of Applicant :
(31) Priority Document No	:60/131,799	1)E.I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:30/04/1999	Address of Applicant :1007 MARKET STREET, WILMINGTON,
(33) Name of priority country	:U.S.A.	DELAWARE 19898, U.S.A.
(86) International Application No	:PCT/US00/10641	(72)Name of Inventor :
Filing Date	:19/04/2000	1)SRIDHAR KUMAR
(87) International Publication No	:WO 00/67336 A2	2)GOVINDARAJULU RAJENDRAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 15

(57) Abstract :
An electrochemical application that utilizes amorphous fluoropolymers providing a membrane electrode assembly that is durable, uniform and possesses good structural integrity, produced by a method that avoids a long, complicated sintering of the fluoropolymers incorporated at undesirably high temperatures.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01143/MUM A

(19) INDIA

(22) Date of filing of Application :20/09/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : COMPOSITIONS AND METHODS FOR THE MODIFICATION OF GENE EXPRESSION

(51) International classification	:C12N 15/29
(31) Priority Document No	:09/276,599
(32) Priority Date	:25/03/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/NZ00/00018
Filing Date	:24/02/2000
(87) International Publication No	:WO 00/58474 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)RUBICON FORESTS HOLDINGS LIMITED

(72)Name of Inventor :

1)RANJAN PERERA

2)STEPHEN J. RICE

3)CLARE KATHERINE EAGLETON

No of Pages : 39

No of Claims : 22

(57) Abstract :

Novel isolated plant polynucleotide promoter sequences are provided, together with DNA constructs comprising such polynucleotides. Methods for using such constructs in modulating the transcription of DNA sequences of interest are also disclosed, together with transgenic plants comprising such constructs.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01273/MUM A

(19) INDIA

(22) Date of filing of Application :15/10/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD FOR PREPARING A COMPOUND

(51) International classification	:C07D 241/04
(31) Priority Document No	:60/130,048
(32) Priority Date	:19/04/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/09418
Filing Date	:07/04/2000
(87) International Publication No	:WO 00/63185 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

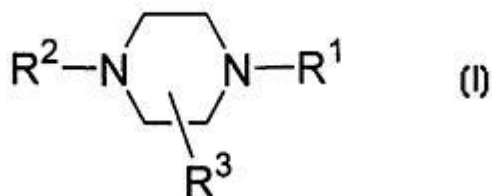
(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BEN-ZION DOLITZKY

No of Pages : 17

No of Claims : 50

(57) Abstract :

A novel process for preparing a compound of formula (I) wherein R^1 denotes substituted or unsubstituted alkyl, alkoxy, aryl, aryloxy or arylalkoxy; R^2 denotes substituted or unsubstituted alkyl, alkoxy, aryl, aryloxy, arylalkoxy, tosyl, formyl, acetyl or amine; and R^3 denotes substituted or unsubstituted alkyl, alkoxy, aryl, aryloxy or arylalkoxy is disclosed. These compounds are useful in the synthesis of the antidepressant mirtazapine and other tetracyclic compounds.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01299/MUM A

(19) INDIA

(22) Date of filing of Application :18/10/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : PROCESSES FOR PREPARING PESTICIDAL INTERMEDIATES

(51) International classification	:C07C 209/42
(31) Priority Document No	:9911180.9
(32) Priority Date	:13/05/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP00/04595
Filing Date	:11/05/2000
(87) International Publication No	:WO 00/69805
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)GILLES PERRIN-JANET

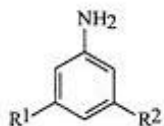
3)PIERRE LEROY

No of Pages : 8

No of Claims : 7

(57) Abstract :

The invention relates to processes for the preparation of compounds of formula (I), wherein $\text{R}\hat{\text{A}}^1$ and $\text{R}\hat{\text{A}}^2$ each independently represent a halogen atom.



(I)

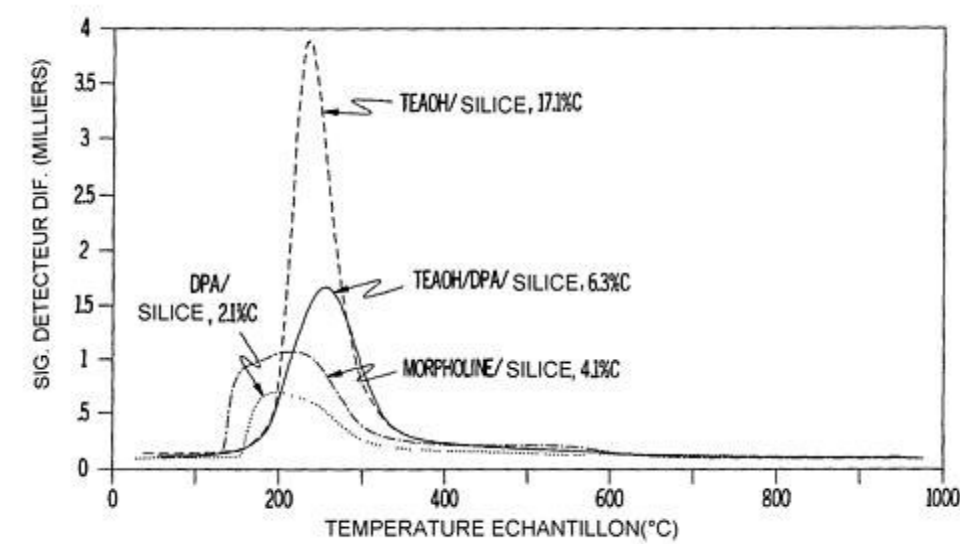
(54) Title of the invention : HEAT TREATING A MOLECULAR SIEVE AND CATALYST

(51) International classification :C01B37/00 (31) Priority Document No :60/137,997 (32) Priority Date :07/06/1999 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US00/15453 Filing Date :05/06/2000 (87) International Publication No :WO 00/75072 A1 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA		(71)Name of Applicant : 1)EXXON CHEMICAL PATENTS INC. Address of Applicant :5200 BAYWAY DRIVE, BAYTOWN, TEXAS 77520, U.S.A. (72)Name of Inventor : 1)SHUN C FUNG 2)MARCEL J G JANSSEN 3)STEPHEN N VAUGHN 4)MACHTELD M MERTENS 5)ALBERT E SCHWEIZER 6)LUC R M MARTENS 7)RICHARD B HALL 8)WILFRIED J MORTIER 9)RONALD G SEARLE 10)YI-GANG XIONG

No of Pages : 33

No of Claims : 13

(57) Abstract :
Disclosed is a method of heat treating a molecular sieve. The method comprises providing a template-containing molecular sieve, heating the molecular sieve under conditions effective to remove a portion of the template from the molecular sieve, and cooling the heated molecular sieve to leave an amount of template effective to cover catalytic sites within the molecular sieve. A catalyst composition is also provided which comprises a molecular sieve having a microporous structure and a binder, wherein between 10 and 90 vol% of the microporous structure is occupied by a material, the material comprising a template or a carbonaceous residue of a template, and the catalyst composition exhibits a Davison Index of not greater than 30.



(54) Title of the invention : FLUORINATED IONIC POLYMERS

(51) International classification	:C08F 128/00	(71)Name of Applicant :
(31) Priority Document No	:60/139,567	1)E.I. DUPONT DE NEMOURS AND COMPANY
(32) Priority Date	:16/06/1999	Address of Applicant :1007 MARKET STREET, WILIMINGTON,
(33) Name of priority country	:U.S.A.	DELAWARE 19898, U.S.A.
(86) International Application No	:PCT/US00/16659	(72)Name of Inventor :
Filing Date	:16/06/2000	1)ZHEN-YU YANG
(87) International Publication No	:WO 00/77057 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 17

(57) Abstract :
Described herein are monomers of the formula $\text{CH}_2=\text{CH}(\text{CF}_2)_n\text{OCF}_2\text{CF}_2\text{SO}_2\text{N}-(\text{M})\text{SO}_2\text{Rf}$ where $n \geq 1$ and $\text{M}=\text{H}$ or an alkali metal cation, and Rf is $\text{C}_1\text{-C}_4$ perfluoroalkyl optionally substituted by one or more ether oxygens, and polymers made therefrom.

(54) Title of the invention : SUCTION-APPLIANCE ATTACHMENT HAVING A SUCTION CHANNEL

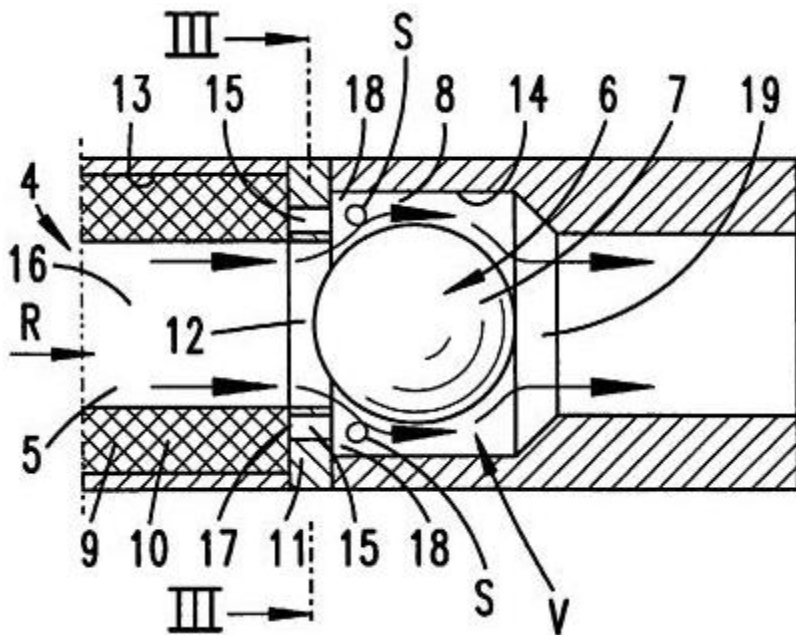
(51) International classification	:A47L 7/00	(71)Name of Applicant :
(31) Priority Document No	:199 28 224.2	1)VORWERK & CO. INTERHOLDING GMBH
(32) Priority Date	:19/06/1999	Address of Applicant :MUHLENWEG 17-37, D-42275 WUPPERTAL,
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP00/04494	(72)Name of Inventor :
Filing Date	:18/05/2000	1)LUDGER GRAUTE
(87) International Publication No	:WO 00/78199	2)HEINRICH IGLSEDER
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 7

(57) Abstract :

The invention relates to a suction device attachment (1) comprising a suction channel (5), whereby a component (9) whose insertion is to be monitored is disposed in said suction channel. A valve (V) having a movable closing body (6) in the form of a valve ball (7) that is freely retained in a valve chamber (8) is mounted behind the component (9) in the direction of flow (R). The invention aims at ensuring reliable insertion of such a vacuum cleaner attachment that is disposed in such a way as to protect against jamming, destruction or manipulation and that stops the volumetric suction flow when no component or a wrong component is inserted. To this end, an inlet cross section of the valve chamber (8), which is reduced by the insertion of the component (9) to be monitored, provokes a sufficient flow deflection (S) so as to move the valve (V) to the opening position, whereby the cross section of the hole is so large that the valve ball (7) is pressed into its closing position by the pressure of the flow when the component (9) is not inserted.



(54) Title of the invention : METHOD, APPARATUS AND COMPOSITIONS FOR INHIBITING THE HUMAN SCENT TRACKING ABILITY OF MOSQUITOES IN ENVIRONMENTALLY DEFINED THREE DIMENSIONAL SPACES

(51) International classification :A01N31/02
A01N49/00
(31) Priority Document No :09/307,907
(32) Priority Date :10/05/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/11631
Filing Date :01/05/2000
(87) International Publication No :WO 00/67570 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :WINDHAM MILLS TECHNOLOGY CENTER,
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CONNECTICUT 06226-3149 U.S.A.

2)BEDOUKIAN RESEARCH INC.

**3)UNITED STATES OF AMERICA AS REPRESENTED BY THE
SECRETARY OF AGRICULTURE**

(72)Name of Inventor :

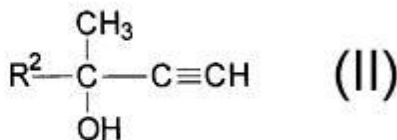
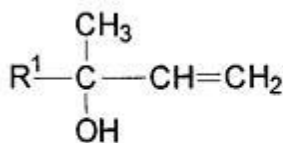
1)JAMES A. NOLEN**2)ROBERT H. BEDOUKIAN****3)ROBERT E. MALONEY****4)DANIEL L. KLINE**

No of Pages : 17

No of Claims : 4

(57) Abstract :

The ability of mosquitoes to locate a target by olfactory emissions of the target is inhibited by dispensing into a spatial area an inhibiting effective amount of at least one inhibiting compound selected from the group consisting of 3-methyl-1-alkene-3-ols of formula (I) and 3-methyl-1-alkyn-3-ols of formula (II): wherein $\hat{R}A^1$ and $\hat{R}A^2$ are each independently a saturated or unsaturated aliphatic hydrocarbon group containing from 1 to about 12 carbon atoms.



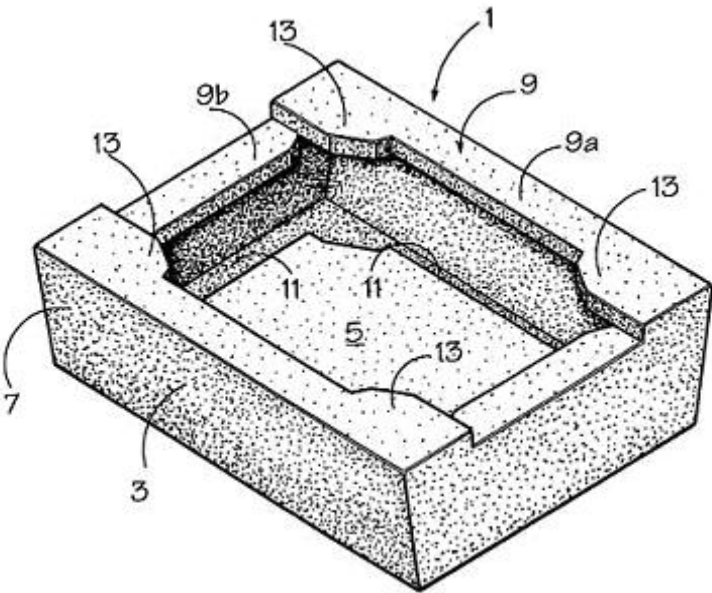
(54) Title of the invention : IMPACT PAD FOR A TUNDISH

(51) International classification :B22D 41/00 (31) Priority Document No :9913241.7 (32) Priority Date :08/06/1999 (33) Name of priority country :U.K. (86) International Application No :PCT/GB00/02070 Filing Date :07/06/2000 (87) International Publication No :WO 00/74879 A1 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)FOSECO INTERNATIONAL LIMITED Address of Applicant :BURMAH CASTROL HOUSE, PIPERS WAY, SWINDON, WILTSHIRE SN3 1RE, U.K. (72)Name of Inventor : 1)RODOLFO D MORALES 2)JORGE PALAFOX-ROMOS 3)SIMON LOPEZ-RAMIREZ

No of Pages : 15

No of Claims : 18

(57) Abstract :
A tundish impact pad formed from refractory material, the impact pad (1) comprising a base (3) having an impact surface (5) which in use faces upwardly to receive molten metal poured onto the impact pad, and a wall (7) extending upwardly from the base around at least part of the periphery of the impact surface, the wall including an overhang (9) projecting over a peripheral region (11) of the impact surface (5), the overhang (9) including a plurality of protrusions (13) which project further over the impact surface (5) than the remainder of the overhang (5).



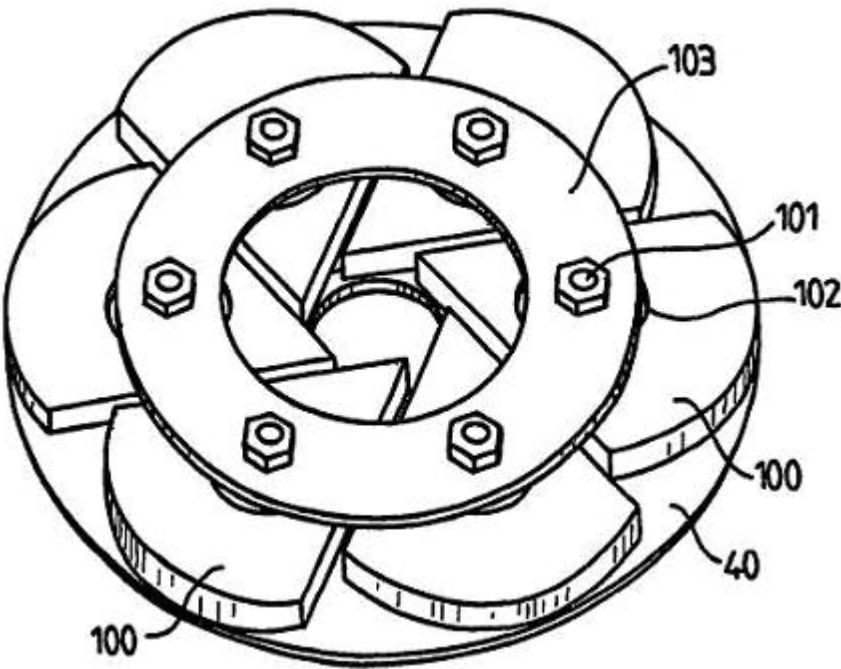
(54) Title of the invention : INTERNAL COMBUSTION ENGINE INCLUDING A MEANS OF REDUCING CYCLIC DISTURBENCES FOR LOW-SPEED RUNNING

(51) International classification	:F16F 15/14	(71)Name of Applicant :
(31) Priority Document No	:99/06,625	1)DANIEL DRECQ
(32) Priority Date	:26/05/1999	Address of Applicant :8, RUE OCTAVE ALLAIRE, 78610 SAINT
(33) Name of priority country	:France	LEGER EN YVELINES, France
(86) International Application No	:PCT/FR99/02357	2)GUY LOURADOUR
Filing Date	:04/10/1999	(72)Name of Inventor :
	:WO 00/73678	1)DANIEL DRECQ
(87) International Publication No	A1	2)GUY LOURADOUR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 31

(57) Abstract :
The invention relates to an internal combustion engine, wherein the crankshaft (1) is provided with a pulley or an inertia wheel (4) joined thereto by fixing means, wherein said inertia wheel (4) is provided with at least one pendular element (40) whose dimensions, mass and positioning on said inertia wheel (4) are determined in such a way that they can be tuned to the main harmonic pulse region of the acyclism.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01402/MUM A

(19) INDIA

(22) Date of filing of Application :12/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : POLYSILOXANE BLOCK COPOLYMERS IN TOPICAL COSMETIC AND PERSONAL CARE COMPOSITIONS

(51) International classification	:C08G 77/42
(31) Priority Document No	:9912077.6
(32) Priority Date	:24/05/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP00/04225
Filing Date	:08/05/2000
(87) International Publication No	:WO 00/71606
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HINDUSTAN LEVER LIMITED
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BACKBAY RECLAMATION,MUMBAI-400 020 Maharashtra India

(72)**Name of Inventor :**
1)ADAMS,GERALD
2)KHOSHDEL, EZAT
3)MORETTA, ANTHONY
4)PLANT, YVONNE CHRISTINE
5)REID, EUAN STUART

No of Pages : 37

No of Claims : 3

(57) Abstract :

A process for making a polysiloxane block copolymer which is built up from units of the formula [A] [B], in which A is a polymeric block built up from radically polymerisable monomer, and B is a polysiloxane block, the process comprising the steps of forming a polysiloxane macroinitiator by grafting a radical initiator onto a polysiloxane via a nucleophilic displacement reaction between groups on the polysiloxane and radical initiator respectively, and reacting the polysiloxane macroinitiator so obtained with radically polymerisable monomers in an atom transfer radical polymerisation reaction to form a polysiloxane block copolymer. Also provided are cosmetic and personal care compositions, such as hair styling compositions, containing the polysiloxane block copolymers.

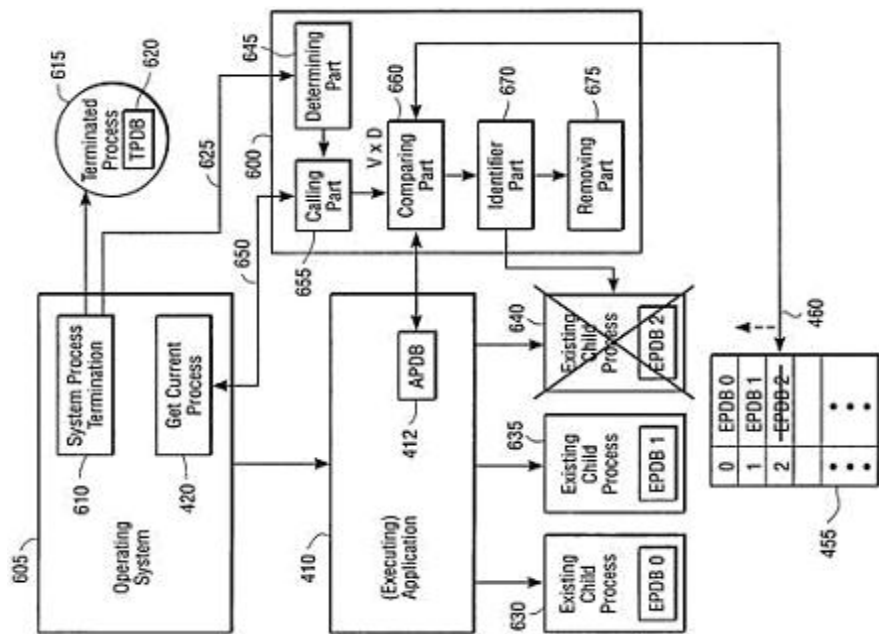
(54) Title of the invention : METHOD AND DEVICE FOR MONITORING THE CREATION AND DESTRUCTION OF CHILD PROCESSES WITHIN AN APPLICATION EXECUTING IN A COMPUTER SYSTEM

(51) International classification	:G06F 9/00	(71)Name of Applicant :	1)COMPUTER ASSOCIATES THINK INC
(31) Priority Document No	:09/321,006		Address of Applicant :ONE COMPUTER ASSOCIATES PLAZA,
(32) Priority Date	:27/05/1999		ISLANDIA, NEW YORK 11749, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :	1)F J DECKER
(86) International Application No	:PCT/US00/14219		
Filing Date	:24/05/2000		
(87) International Publication No	:WO 00/73895 A1		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

No of Pages : 39

No of Claims : 10

(57) Abstract :
A method and a virtual device driver (400) for monitoring the creation and destruction of child processes (445, 450, 465) for threads within an application executing in a computer system controlled by an operating system (405), such as Windows. A list is provided (455) for storing existing child process database structures corresponding to child processes existing within the executing application (410). The list is checked periodically. If, when checked, the list has no entries, it is safe to assume that the existing child process and, possibly, related grandchild processes, have exited and execution of the application is complete. Other applications in a series of applications, for example, during the installation of a software program, may then be executed with minimal risk of corruption due to concurrent execution of the applications in the series.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01473/MUM A

(19) INDIA

(22) Date of filing of Application :23/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : SPECIAL STEEL CANISTER FOR PROPELLANT-OPERATED DOSING AEROSOLS

(51) International classification	:B65D 83/14
(31) Priority Document No	:199 24 098.1
(32) Priority Date	:26/05/1999
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP00/04662
Filing Date	:24/05/2000
(87) International Publication No	:WO 00/73170
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BOEHRINGER INGELHEIM PHARMA KG
Address of Applicant :BINGER STRASSE 173, D-55216 INGELHEIM
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(72)**Name of Inventor :**
1)JURGEN NAGEL
2)HUBERT HOELZ
3)JULIO CESAR VEGA
4)RICHARD THOMAS LOSTRITTO

No of Pages : 18

No of Claims : 16

(57) Abstract :

The invention relates to a corrosion-resistant special steel canister for propellant-containing aerosol formulations and used in propellant-driven inhalators.

(54) Title of the invention : DEVICE AND METHOD FOR CONTROLLING THE RECOVERY OF THE VAPOURS IN FUEL DISTRIBUTOR COLUMNS

(51) International classification	:B67D 5/04
(31) Priority Document No	:MI 99A001292
(32) Priority Date	:10/06/1999
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP00/05234
Filing Date	:06/06/2000
(87) International Publication No	:WO 00/76909
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**
1) NUOVO PIGNONE HOLDING S.P.A.
 Address of Applicant : VIA F MATTEUCCI, 2, I-50127, FLORENCE,
 Italy

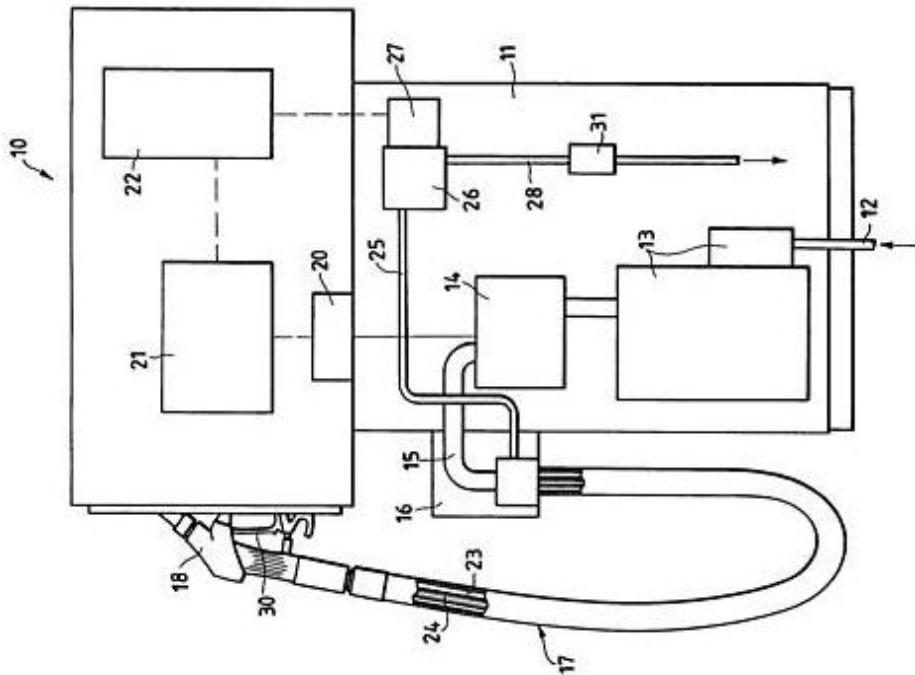
(72) **Name of Inventor :**
1) EDOARDO MOTTI
2) RAFFAELE PERA

No of Pages : 40

No of Claims : 27

(57) Abstract :

A device for controlling the recovery of the vapours in fuel distributor columns (10), comprising an electronic unit (22), with which there is associated a series of reference signals, which are processed correspondingly, such as to render virtually linear the function which associates the volume of the vapour recovered by the recovery system (35) with the volume of fuel distributed, which function actually follows a non-linear development. For this reason, it is necessary to introduce a compensation curve, which, for some variables, which are determined empirically by means of prior calibration of a suction pump (26), and on the basis of a reference signal transmitted to the control unit (22), determines an actual speed of an electric motor (27) which is connected to the pump (26).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01549/MUM A

(19) INDIA

(22) Date of filing of Application :07/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : GRANULAR DETERGENT COMPONENT CONTAINING ZEOLITE MAP

(51) International classification	:C11D 3/12
(31) Priority Document No	:9913546.9
(32) Priority Date	:10/06/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB00/02030
Filing Date	:26/05/2000
(87) International Publication No	:WO 00/77140 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :HINDUSTAN LEVER HOUSE, 165/166,
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(72)**Name of Inventor :**
1)BERTHOD DANIEL PIERRE MARIE
2)JOYEUX CHRISTOPHE MICHEL BRUNO
3)LANGEVELD JOHANNES HENDRIKUS

No of Pages : 42

No of Claims : 19

(57) Abstract :

A non-spray-dried granular component suitable for use in a particulate zero-phosphate laundry detergent composition comprises from 10 to 30 wt % of organic surfactant and from 20 to 50 wt % of zeolite MAP, the component having a bulk density not exceeding 700 g/l. The component may be prepared by a mixing and agglomeration process using a high-speed mixer, a moderate- or low-speed mixer, and a gas fluidisation granulator. The component may be used in conjunction with a spray-dried granular component of lower bulk density, for example, a spray-dried detergent base powder containing organic surfactant and zeolite A, or a spray-dried sodium-carbonate-based adjunct.

(54) Title of the invention : PROCESS FOR PREPARING GRANULAR DETERGENT COMPOSITIONS

(51) International classification :C11D 11/00
 (31) Priority Document No :9913544.4
 (32) Priority Date :10/06/1999
 (33) Name of priority country :U.K.
 (86) International Application No :PCTGB00/02044
 Filing Date :26/05/2000
 (87) International Publication No :WO00/77147A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI - 400 020. Maharashtra India

(72)Name of Inventor :

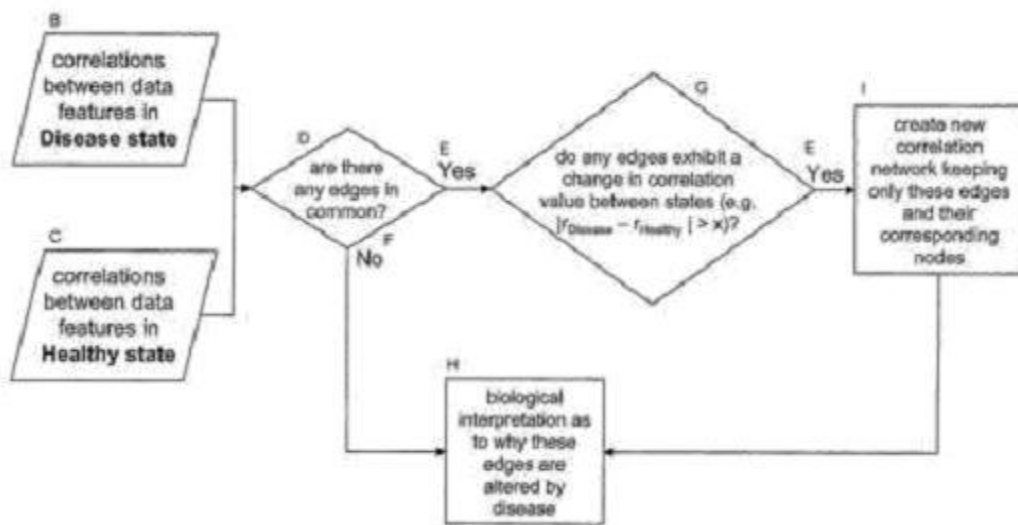
1)BAKKER VERA JOHANNA**2)KAESS ANDRE****3)KLAVER MARCO**

No of Pages : 43

No of Claims : 5

(57) Abstract :

A process for the preparation of medium to low bulk density granular detergent compositions in which a liquid binder is contacted with a solid starting material in a high-speed mixer and the resulting mixture treated in a medium- or low-speed mixer and finally in a gas fluidisation granulator, where more liquid binder is added.

Comparing two or more networks for altered correlations ^A

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01551/MUM A

(19) INDIA

(22) Date of filing of Application :07/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PROCESS FOR PREPARING A GRANULAR DETERGENT PRODUCT WITH POWDER PROPERTIES

(51) International classification	:C11D 11/00
(31) Priority Document No	:9913542.8
(32) Priority Date	:10/06/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB00/02042
Filing Date	:26/05/2000
(87) International Publication No	:WO 00/77146 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BAKKER VERA JOHANNA
2)GROOT ANDREAS THEODORUS JOHANNES
3)KAESS ANDRE
4)KLAVER MARCO
5)POMEREN VAN ROLAND WILHELMUS JOHANNES

No of Pages : 34

No of Claims : 7

(57) Abstract :

The present invention relates to a process for preparing a granular detergent composition with good powder properties. More particularly, the invention is directed to a process in which a liquid binder is contacted with a solid particulate material in a gas fluidisation granulator, the temperature conditions in the fluidisation granulator being elevated during the process.

(54) Title of the invention : AN AUTOMATIC DEFROST SYSTEM FOR A REFRIGERATING DEVICE

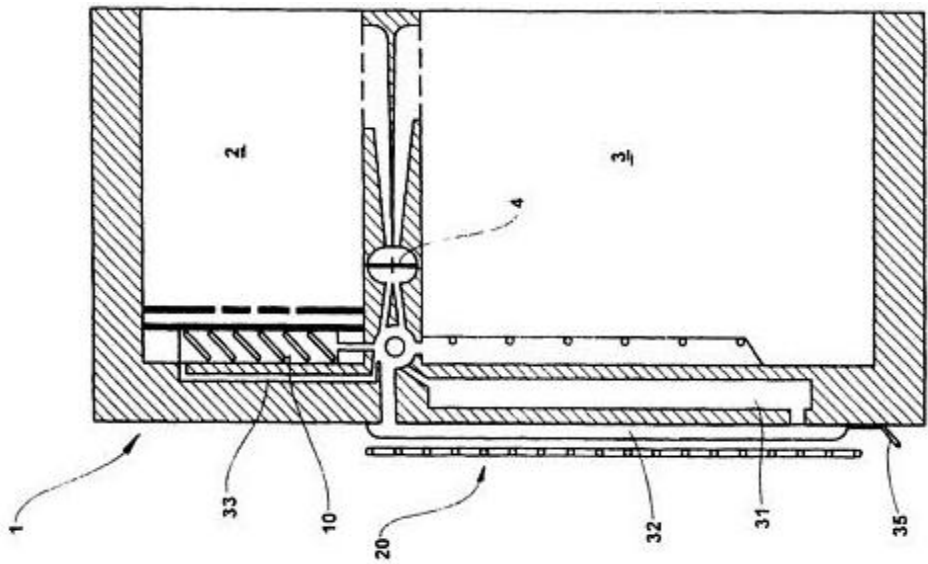
(51) International classification	:F25D21/12	(71)Name of Applicant :
(31) Priority Document No	:PI 9903093-4	1)MULTIBRAS S. A. ELETRODOMESTICOS
(32) Priority Date	:22/06/1999	Address of Applicant :AVENIDA DAS NACOES UNIDAS, 12995-32Â°
(33) Name of priority country	:Brazil	ANDAR, CEP-04578-000, SAO PAULO-SP, Brazil
(86) International Application No	:PCT/BR00/00067	(72)Name of Inventor :
Filing Date	:20/06/2000	1)LUIZ ANTONIO DIEMER LOPES
(87) International Publication No	:WO 00/79193 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 8

(57) Abstract :

An automatic defrost system for a refrigerating device, comprising, in a cabinet (1), an evaporator (10) and a condenser (20), and a defrost air circuit (30) having: a first circuit portion (31); a second circuit portion (32) receiving a certain defrost airflow from the first circuit portion (31) and positioned adjacent to the condenser (20), in order to be heated by the latter; a third circuit portion (33), which is positioned adjacent to the evaporator (10), so as to selectively heat it when the heated defrost airflow passes through the second circuit portion (32) and to conduct said defrost airflow to the first circuit portion (31); and a valve means (40), which selectively permits the passage of the defrost airflow from the second circuit portion (32) to the third circuit portion (33).



(54) Title of the invention : MULTILAYER STEEL CORD FOR TYRE CASING

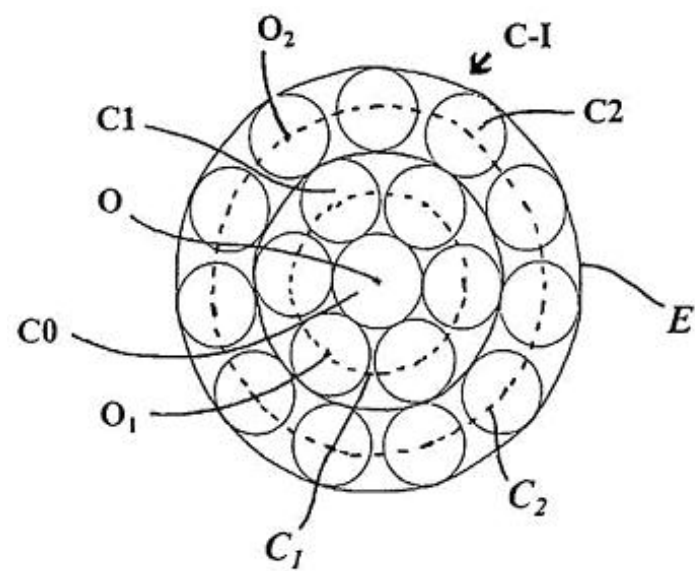
(51) International classification	:D07B 1/06	(71)Name of Applicant :
(31) Priority Document No	:99/08446	1)SOCIETE DE TECHNOLOGIE MICHELIN
(32) Priority Date	:29/06/1999	Address of Applicant :23, RUE BRESCHET, F-63040 CLERMONT-
(33) Name of priority country	:France	FERRAND, CEDEX 09, France
(86) International Application No	:PCT/EP00/05882	2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
Filing Date	:26/06/2000	(72)Name of Inventor :
(87) International Publication No	:WO 01/00922	1)FRANCOIS-JACQUES CORDONNIER
	A1	2)ALAIN DOMINGO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 21

(57) Abstract :

The invention concerns an unsaturated external multilayer cable, for use as reinforcing element of a tyre casing reinforcement, comprising a core having a diameter d0 enclosed with an intermediate layer (referenced C1) of six or seven wires (M = 6 or 7) of diameter d1 spirally wound together by a step p1, said layer C1 being itself enclosed by an external layer (referenced C2) of N wires of diameter d2 spirally wound together by a step p2, N being less by 1 to 3 than the maximum number Nmax of wires capable of being wound in one ply around the layer C1, said cord having the following characteristics (d0, d1, d2, p1 and p2 in mm): (i) $0.14 < d0 < 0.28$; (ii) $0.12 < d1 < 0.25$; (iii) $0.12 < d2 < 0.25$; (iv) when M = 6: $1.10 < (d0/d1) < 1.40$; when M = 7: $1.40 < (d0/d1) < 1.70$ (v) $5 \pi (d0 + d1) < p1 < p2 < 5 \pi (d0 + 2d1 + d2)$; (vi) the wires of layers C1 and C2 are wound in the same twisting direction. The invention further concerns articles or semi-finished plastic and/or rubber products reinforced with said multilayer cord, in particular tyres for industrial vehicles, more particularly heavy truck tyres and their outer casing reinforcement plies.



(54) Title of the invention : SYSTEMS AND METHODS FOR ENHANCED VISUAL PRESENTATION USING INTERACTIVE VIDEO STREAMS

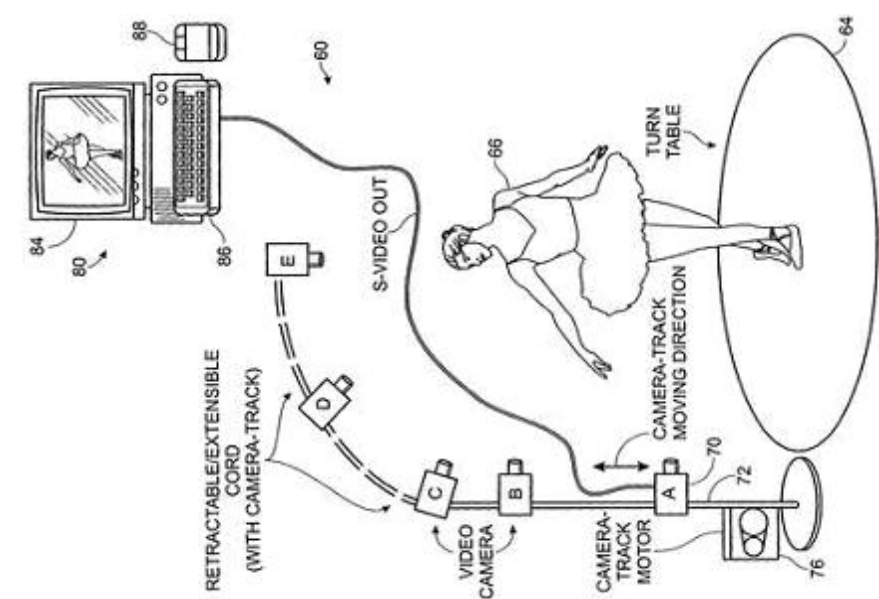
(51) International classification	:H04N 7/173	(71)Name of Applicant :	
(31) Priority Document No	:09/336,338	1)INTEL CORPORATION	
(32) Priority Date	:18/06/1999	Address of Applicant :2200 MISSION COLLEGE BOULEVARD,	
(33) Name of priority country	:U.S.A.	SANTA CLARA, CALIFORNIA 95052, U.S.A.	
(86) International Application No	:PCT/US00/16157	(72)Name of Inventor :	
Filing Date	:12/06/2000	1)XIAOYUAN TU	
(87) International Publication No	:WO 00/79797 A1	2)BOON-LOCK YEO	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 32

No of Claims : 6

(57) Abstract :

In some embodiments, the invention involves a method of storing and providing frames of video streams. The method includes storing video streams of a subject from different viewpoints, wherein different ones of the video streams are in different states including different ones of the viewpoints. The method also includes responding to requests for frames of the video streams in forward, backward, and state changing directions, by providing the frames, if available. The frames may be provided to a remote computer through the Internet. In other embodiments, the invention involves a method of controlling video streams. The method includes displaying frames of the video streams, wherein the video streams are of a subject from different viewpoints and different ones of the video streams are in different states including different ones of the viewpoints. In response to activation of a user input device, displaying at least one additional frame, if available, in a forward, backward, or state changing direction with respect to a currently displayed one of the frames, depending on the activation. Other embodiments are described and claimed.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01583/MUM A

(19) INDIA

(22) Date of filing of Application :13/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : MOUSSE-FORMING SHAMPOO COMPOSITIONS

(51) International classification	:A61K 7/00
(31) Priority Document No	:9913951.1
(32) Priority Date	:15/06/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB00/01780
Filing Date	:09/05/2000
(87) International Publication No	:WO 00/76461 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :HINDUSTAN LEVER HOUSE ,165/166
BACKBAY RECLAMATION,MUMBAI-400 020 Maharashtra India

(72)Name of Inventor :

1)STEER, DAVID CHARLES

No of Pages : 34

No of Claims : 6

(57) Abstract :

A mousse-forming cleansing shampoo composition having improved conditioning performance comprising: (A) a foamable concentrate comprising: (i) at least one surfactant; (ii) dispersed particles of a water-insoluble conditioning agent having a particle size of 1 micron or greater; (iii) an aqueous carrier; and (B) an aerosol propellant.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2001

(21) Application No.IN/PCT/2001/01591/MUM A
(43) Publication Date : 20/04/2007

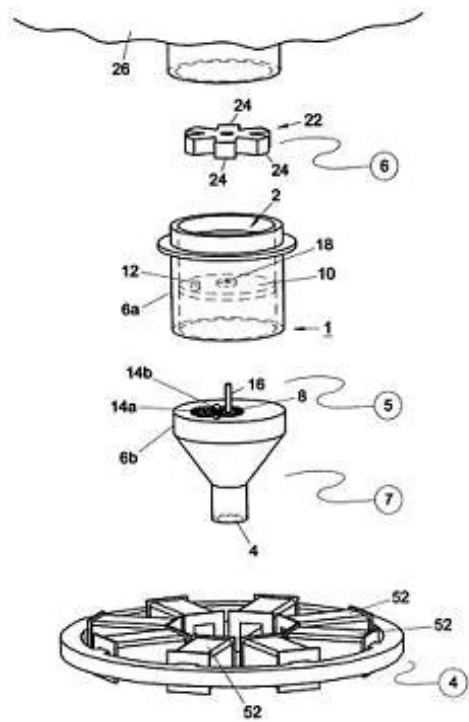
(54) Title of the invention : DOSING DEVICE ADAPTED FOR DISPENSING A CONCENTRATE FROM A HOLDER IN A METERED MANNER		
(51) International classification	:G01F 11/22	(71)Name of Applicant :
(31) Priority Document No	:1012395	1)SARA LEE/DE N.V.
(32) Priority Date	:21/06/1999	Address of Applicant :KEULSEKADE 143, 3532 AA UTRECHT,
(33) Name of priority country	:Netherlands	Netherlands
(86) International Application No	:PCT/NL00/00427	(72)Name of Inventor :
Filing Date	:20/06/2000	1)PAUL ISODORE D'HOND
(87) International Publication No	:WO 00/79223 A2	2)ALBERTUS MARIA BRAMER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 24

(57) Abstract :

The invention relates to a dosing device comprising a housing comprising at least one inlet, at least one outlet, and a liquid flow path extending from the inlet to the outlet. The dosing device is adapted for dispensing in a metered manner a viscous concentrate from a holder. The concentrate in diluted condition forms a beverage suitable for consumption. The dosing device is adapted to be connected, in use, to a storage space of the holder. According to the invention, the dosing device comprises a gear pump to be included in the liquid flow path, which gear pump can be driven in particular by a rotor located upstream of the gear pump, by means of changing magnetic fields.



(54) Title of the invention : COMPOSITIONS BASED ON LIGNIN DERIVATIVES

(51) International classification	:C07G 1/00	(71) Name of Applicant :
(31) Priority Document No	:09/326,040	1)REGENTS OF THE UNIVERSITY OF MINNESOTA
(32) Priority Date	:04/06/1999	Address of Applicant :600 UNIVERSITY GATEWAY, 200 OAK
(33) Name of priority country	:U.S.A.	STREET S. E., MINNEAPOLIS, MN 55455-2020, U.S.A.
(86) International Application No	:PCT/US00/15284	(72) Name of Inventor :
Filing Date	:02/06/2000	1)YAN LI
(87) International Publication No	:WO 00/75153 A2	2)SIMO SARKANEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 22

(57) Abstract :

A composition that includes the reaction product of a lignin derivative and a reactant selected from the group consisting of alkylating agents, acylating agents, and combinations thereof, where the reaction product has a measurable cohesive strength, and a plasticizer in an amount sufficient to cause the composition to exhibit plastic deformation in response to an applied tensile stress.

(54) Title of the invention : A DEVICE FOR PREVENTING LEAKAGE OF ELECTROMAGNETIC RADIATION

(51) International classification :H05K 9/00
(31) Priority Document No :9902494-5
(32) Priority Date :30/06/1999
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP00/06021
Filing Date :28/06/2000
(87) International Publication No :WO 01/03488
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

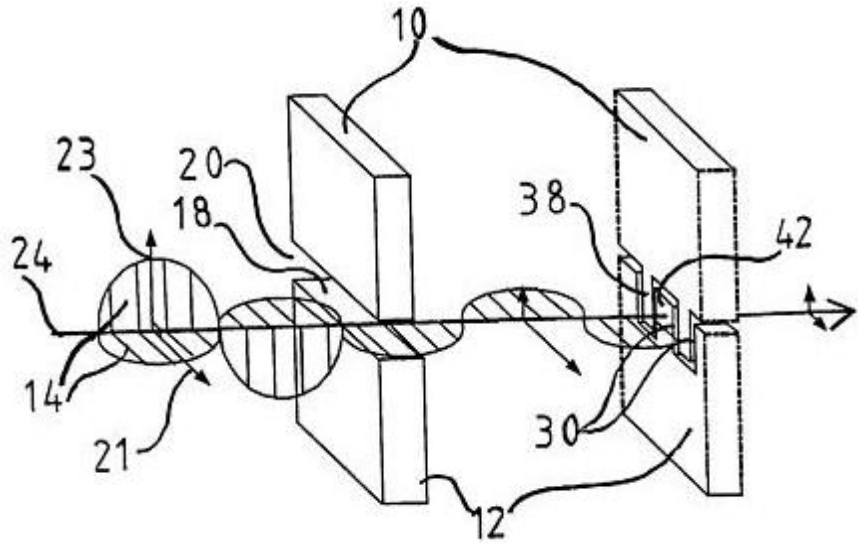
(71)Name of Applicant :
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Address of Applicant :S-581 88 LINKOPING, Sweden
(72)Name of Inventor :
1)DANIEL BREVEMARK
2)LARS BERGMAN

No of Pages : 22

No of Claims : 17

(57) Abstract :

The invention concerns a device for preventing leakage of electromagnetic radiation between a first (10) and a second (12) part. The first (10) and the second (12) parts are shaped to be arranged against each other such that a first gap (20) is formed between them. Furthermore, the first (10) and the second (12) parts are shaped to engage each other such that at least a second gap (30) is formed between them. The second gap (30) defines a second plane (32) which forms an angle (34) with the first plane (22) which is defined by the first gap (20). Furthermore, the second gap (30) has an extension such that it intersects the first plane (32). The second plane (32) also has an extension in a leakage direction (24) which is defined by the first gap (20).



(54) Title of the invention : WHOLLY AROMATIC POLYAMIDE FIBER PAPER AND LAMINATED SHEET THEREFROM

(51) International classification	:D21H 13/26	(71)Name of Applicant :
(31) Priority Document No	:11/208033	1)E.I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:22/07/1999	Address of Applicant :1007 MARKET STREET, WILMINGTON,
(33) Name of priority country	:Japan	DELAWARE 19898, U.S.A.
(86) International Application No	:PCT/US00/17891	(72)Name of Inventor :
Filing Date	:29/06/2000	1)HIROYUKI SUZUKI
(87) International Publication No	:WO 01/07713 A1	2)LEE JAMES HESSLER
(61) Patent of Addition to Application Number	:NA	3)CHRISTOPHER ROGER FIELD
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 9

(57) Abstract :

A type of fiber paper is provided that is made of completely aromatic polyamide fiber formed by means of liquid crystal spinning. The fiber paper can be used as the base material of a substrate for electric circuit, and it can display high reliability in electric insulation under a high humidity, excellent post-heating dimensional stability, and high heat resistance.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01612/MUM A

(19) INDIA

(22) Date of filing of Application :19/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : WATER-IN-OIL HAIR CONDITIONER WITH LAMELLAR DISPERSION IN WATER PHASE

(51) International classification	:A61K 7/00	(71)Name of Applicant :
(31) Priority Document No	:09/344015	1)HINDUSTAN LEVER LIMITED
(32) Priority Date	:25/06/1999	Address of Applicant :HINDUSTAN LEVER HOUSE, 165-166
(33) Name of priority country	:U.S.A.	BACKBAY RECLAMATION, MUMBAI - 400 020, Maharashtra India
(86) International Application No	:PCT/EP00/04726	(72)Name of Inventor :
Filing Date	:17/05/2000	1)CHEN LIANG BIN
(87) International Publication No	:WO 01/00140	2)SUN WEI-MEI
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 17

(57) Abstract :

The invention relates to opaque hair conditioner compositions that have a lamellar dispersion in the internal aqueous phase and which are water in oil emulsions that comprise: a) about 40 to 95 % aqueous phase comprising (i) water and (ii) a cationic surfactant, capable of forming lamellar dispersion, present at about 0.1 to about 10 % of the aqueous phase; b) about 0.5 to about 30 % oil, comprising a volatile silicone compound, a nonvolatile silicone compound, a volatile hydrocarbon compound, a nonvolatile hydrocarbon compound, or a mixture thereof; c) about 0.1 to about 20 % silicone surfactant; and d) optionally di-long chain alkyl amines having C10 to C22 carbon chains, long chain fatty alcohols having C10 to C22 carbon chains, or ethoxylated fatty alcohols.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01627/MUM A

(19) INDIA

(22) Date of filing of Application :20/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF IMPACT-MODIFIED POLYMERS IN THE PRESENCE OF SOLVENTS

(51) International classification	:C08F 279/04
(31) Priority Document No	:199 31 254.0
(32) Priority Date	:07/07/1999
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP00/05894
Filing Date	:26/06/2000
(87) International Publication No	:WO 01/04169
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BAYER AKTIENGESELLSCHAFT
Address of Applicant :D-51368, LEVERKUSEN, Germany
(72)**Name of Inventor :**
1)FRANK WINGLER
2)PIERRE VANHOORNE
3)RICHARD WEIDER

No of Pages : 30

No of Claims : 18

(57) Abstract :

The invention relates to a multi-stage method for producing ABS polymers with a modified resistance to shock, by non-aqueous radical polymerization in the presence of solvents and soluble rubber. The solvent or solvents are only introduced to the process after at least 6 to approximately 30 wt. % 5 of the starting monomer mixture has reacted.

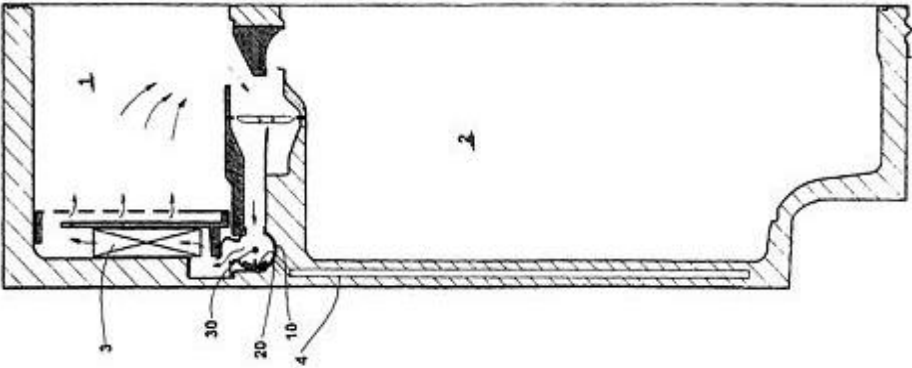
(54) Title of the invention : AN AIR FLOW CONTROLLING DEVICE FOR REFRIGERATORS AND FREEZERS

(51) International classification	:F25D 17/04	(71)Name of Applicant :
(31) Priority Document No	:PI 9903354-2	1)MULTIBRAS S. A. ELETRODOMESTICOS
(32) Priority Date	:13/07/1999	Address of Applicant :AVENIDA DAS NACOES UNIDAS, 12995-32Â°
(33) Name of priority country	:Brazil	ANDAR, 04578-000, SAO PAULO-SP, Brazil
(86) International Application No	:PCT/BR00/00076	(72)Name of Inventor :
Filing Date	:13/07/2000	1)LUIZ ANTONIO DIEMER LOPES
(87) International Publication No	:WO 01/04555 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 14

(57) Abstract :
An air flow controlling device for refrigerators and freezers, comprising an evaporator (3) in selective fluid communication with at least two air flow heating environments (1, 2, 4), said device comprising an inlet nozzle (12) in fluid communication with a respective airflow heating environment (1, 2, 4), and an outlet nozzle (13) in fluid communication with the evaporator (3), and a respective obturator (20), which is operatively associated with the inlet and outlet nozzles (12, 13) and displaceable between opening and closing positions, respectively permitting and blocking the fluid communication between said inlet and outlet nozzles (12, 13).



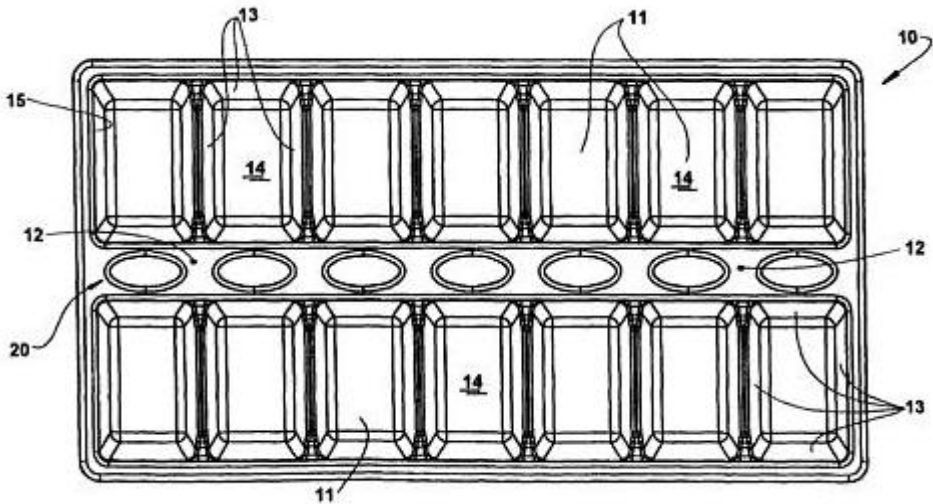
(54) Title of the invention : ICE MOLD

(51) International classification	:F25C 1/24	(71)Name of Applicant :	
(31) Priority Document No	:PI 9903475-1	1)MULTIBRAS S. A. ELETRODOMESTICOS	
(32) Priority Date	:10/08/1999	Address of Applicant :AVENIDA DAS NACOES UNIDAS, 12995-32Â°	
(33) Name of priority country	:Brazil	ANDAR, 04578-000, SAO PAULO-SP, Brazil	
(86) International Application No	:PCT/BR99/00090	(72)Name of Inventor :	
Filing Date	:28/10/1999	1)RODRIGO HERMES DE ARAUJO	
(87) International Publication No	:WO 01/11296 A2	2)LUIZ ANTONIO DIEMER LOPES	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 9

No of Claims : 6

(57) Abstract :
Ice mold, of the type comprising a tray (10) provided with a plurality of cavities (11) for ice formation, each two adjacent cavities (11) being separated by a corresponding tray portion (12), at least part of said tray portions (12) being provided with at least one window (20), which is dimensioned in order to allow the formation and the ascending passage of a convective air current between each two adjacent cavities (11).



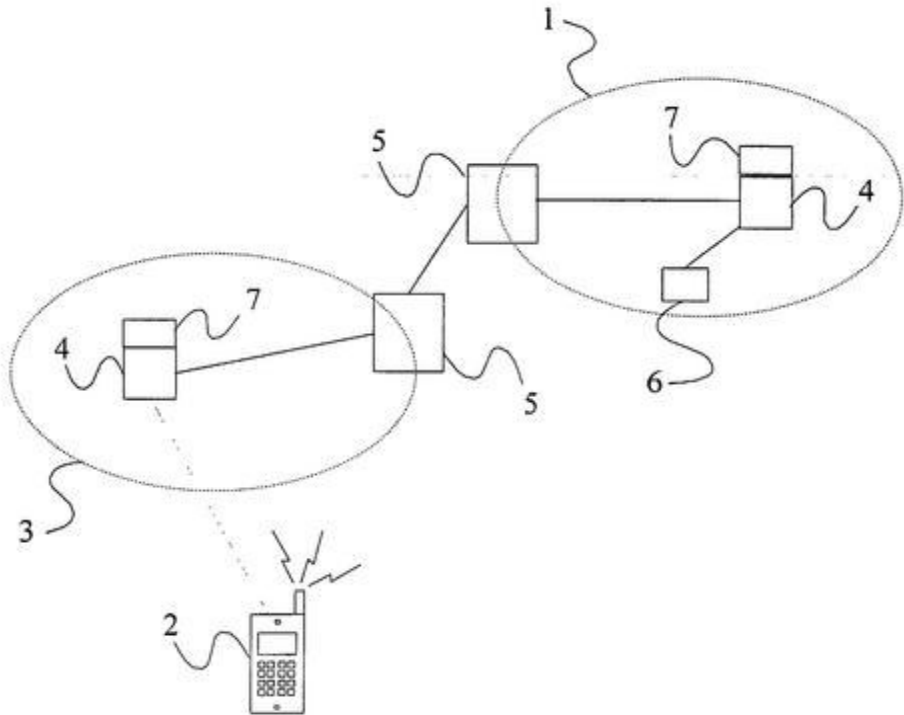
(54) Title of the invention : CHARGING CONTROL IN A MOBILE TELECOMMUNICATIONS SYSTEM

(51) International classification	:H04M15/00	(71)Name of Applicant :	
(31) Priority Document No	:9917896.4	1)TELEFONAKTIEBOLAGET LM ERICSSON [PUBL]	
(32) Priority Date	:31/07/1999	Address of Applicant :S-126 25 STOCKHOLM, Sweden	
(33) Name of priority country	:U.K.	(72)Name of Inventor :	
(86) International Application No	:PCT/EP00/05464	1)PATRIK NILSSON	
Filing Date	:13/06/2000		
(87) International Publication No	:WO 01/10109		
	A2		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 14

No of Claims : 11

(57) Abstract :
A method of controlling charging for a subscriber (2) of a home network (1) when the subscriber is roaming in a foreign network (3). Subscribers (2) are registered with the foreign network (3) with the registration process involving the transfer, from the home network (1) to the foreign network (3), of one or more charging events predefined for the subscriber (2). In the event that a charging event occurs for the subscriber (2), a corresponding notification message is sent from the foreign network (3) to the home network (1). Thereafter, the home network (1) is able to terminate the subscriber's registration with the foreign network (3) and/or restrict the subscriber's access to network services.



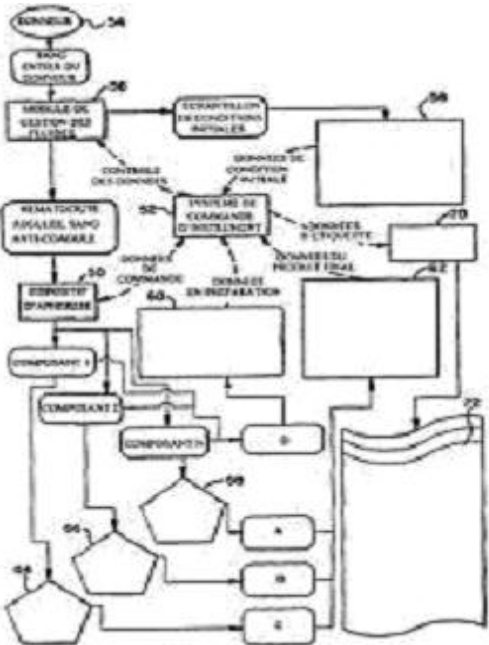
(54) Title of the invention : MEDICAL SYSTEM, METHOD AND APPARATUS EMPLOYING MEMS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:60/216,640	1)BAXTER INTERNATIONAL INC
(32) Priority Date	:07/07/2000	Address of Applicant :ONE BAXTER PARKWAY, DEERFIELD,
(33) Name of priority country	:U.S.A.	ILLINOIS 60015, U.S.A.
(86) International Application No	:PCT/US01/21188	(72)Name of Inventor :
Filing Date	:03/07/2001	1)WILLIAM H. CORK
(87) International Publication No	:WO 02/05059 A2	2)JAMES J. ULMES
(61) Patent of Addition to Application Number	:NA	3)RICHARD L. WEST
Filing Date	:NA	4)YING-CHEN LO
(62) Divisional to to Application Number	:NA	5)MARK C. WEBER
Filing Date	:NA	6)KYUNGYOON MIN

No of Pages : 67No of Claims : 45

(57) Abstract :

A biological suspension processing system is disclosed that may include a suspension treatment device for treating one or more components of a biological suspension, a first fluid flow path for introducing a suspension into the treatment device and a second fluid flow path for withdrawing a constituent of the suspension from the device. At least on microelectromechanical (MEM) sensor communicates with one of the fluid flow paths for sensing a selected characteristic of the fluid therewith. The MEM sensor may be located elsewhere, such as on a container or bag and communicate with the interior for sensing a characteristic of the fluid contained therein. A wide variety of characteristics may be sensed, such as flow rate, pH, cell type, cell antigenicity, DNA, viral or bacterial presence, cholesterol, hematocrit, cell concentration, cell count, partial pressure, pathogen presence, or viscosity.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/00390/MUM A

(19) INDIA

(22) Date of filing of Application :01/04/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : PROCESS FOR EXPANDED PELLET PRODUCTION

(51) International classification	:A21C3/04
(31) Priority Document No	:09/434,622
(32) Priority Date	:05/11/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/41785
Filing Date	:01/11/2000
(87) International Publication No	:WO 01/37682 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RECOT INC

Address of Applicant :5000 HOPYARD ROAD, SUITE 460,
PLEASANTON, CALIFORNIA - 94588, U.S.A.

(72)Name of Inventor :

1)AJAY RAJESHWAR BHASKAR

2)KEVIN CHARLES COGAN

3)LEWIS CONRAD KELLER

4)V N MOHAN RAO

5)DAVID RAY WARREN

No of Pages : 26

No of Claims : 13

(57) Abstract :

In the process of producing corn-based pellets, preconditioner steam and water addition, as well as extruder water or screw configuration and RPM, can be manipulated to precisely control the cook level, gelatinization, and moisture level of the meal during processing, and level of defects despite minor variation in the characteristics of the corn flour. Specifically, the preconditioner added steam-to-water ratio can be manipulated to effect cook, hydration, and partial gelatinization of the meal. In the extruder, lower extruder rotational speeds increase the residence time and increases cook. With the increase in residence time the volume of bed pack in the extruder increases. This can be reversed by adding water directly into the extruder, thereby decreasing the viscosity of the meal in the extruder. Product bulk density is changed by increasing and decreasing cook of the meal.

(54) Title of the invention : TURBINE FOR FLOWING FLUIDS

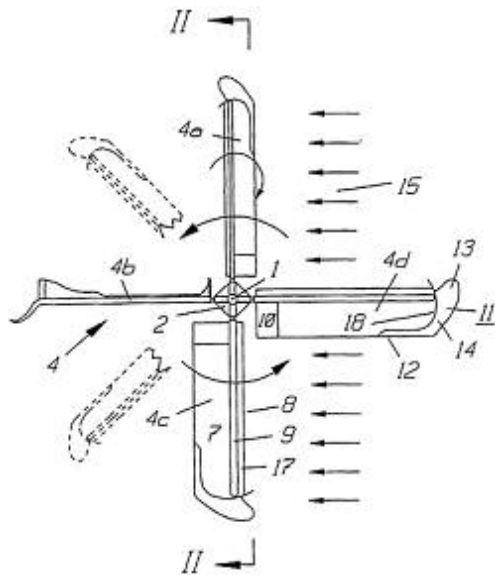
(51) International classification	:F03B17/06, F03D3/06	(71)Name of Applicant :
(31) Priority Document No	:9903951.3	1)WATERWING POWER SYSTEM AB
(32) Priority Date	:01/11/1999	Address of Applicant :JARVTRASK 55, S-930 81 GLOMMERSTRASK, Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE00/01831	1)ASSA JONSSON
Filing Date	:20/09/2000	2)ANDERS STENLUND
(87) International Publication No	:WO 01/33074 A1	3)TOMMY OHLUND
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 10

(57) Abstract :

Turbine for flowing fluid, especially a turbine having a vertical power output shaft (1) and formed with several wings (4) projecting radially out from said power output shaft (1), which wings are rotatable over an angle of about 90 DEG about horizontal shafts (9) extending closely adjacent and along the trailing edge (8) of the wing (4), as seen in the flow direction, so that said wings(4), in an operative, first position, are positioned at right angle to the flowing fluid (15) and in a second, non-operative position are located horizontally or nearly horizontally and on plane with the flowing fluid. Each wing (4) is formed with means (13, 14, 16) for catching, at a very early stage of an operation cycle, flow medium passing by and to thereby initiate a pressing down of the wing (4) to a position at right angle to the flow medium (10, 17, 18) for, as far as possible, maintaining the flow medium against the wing (4) during the active moving path thereof.



(54) Title of the invention : USE OF ENGLISH PHONETICS TO WRITE NON-ROMAN CHARACTERS

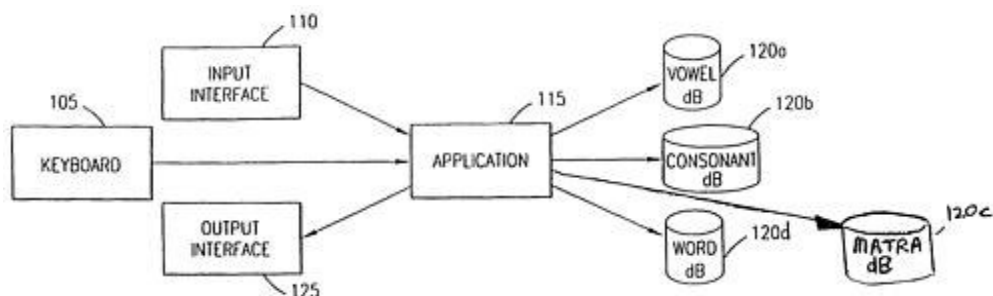
(51) International classification	:G06F 3/00	(71)Name of Applicant :
(31) Priority Document No	:09/398,482	1)WEBDUNIA.COM (INDIA) LTD
(32) Priority Date	:17/09/1999	Address of Applicant :UTTAM BUILDING, 7/2 NEW PALASIA,
(33) Name of priority country	:U.S.A.	INDORE 452 001, Madhya Pradesh India
(86) International Application No	:PCT/IN00/00089	(72)Name of Inventor :
Filing Date	:15/09/2000	1)CHHAJLANI VINAY
(87) International Publication No	:WO 01/20435	
	A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 20

(57) Abstract :

The present invention is directed to a system, method, and apparatus which permits users to create text documents using a particular non-Roman character set, with a Roman character keyboard (105). A user creating a document in a non-Roman character set phonetically types the sounds of the words using the Roman characters into an input graphical user interface (110). The typed characters are searched for in a transliteration database (120a-d) which correlates clusters of Roman characters which mimic the non-Roman characters to the respective non-Roman characters. The non-Roman character corresponding to the typed characters is then printed in an output graphical user interface.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/00498/MUM A

(19) INDIA

(22) Date of filing of Application :18/04/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : EDIBLE MCC/PGA COATING COMPOSITION

(51) International classification	:A61K 9/36
(31) Priority Document No	:60/162,514
(32) Priority Date	:29/10/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/29848
Filing Date	:30/10/2000
(87) International Publication No	:WO 01/32152 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FMC CORPORATION
Address of Applicant :1735 MARKET STREET, PHILADELPHIA,
PENNSYLVANIA 19103, U.S.A.
(72)**Name of Inventor :**
1)MICHAEL AUGELLO
2)SHEILA M DLL
3)ERIC H BLIEFERNICH

No of Pages : 23

No of Claims : 18

(57) Abstract :

An edible, hardenable coating composition is disclosed containing microcrystalline cellulose, a film forming amount of propylene glycol alginate, and a strengthening polymer, optionally in combination with at least one of a plasticizer, a surfactant, or a filler. The coating composition of the present invention may be applied to pharmaceutical and veterinary solid dosage forms, confectionery, seeds, animal feed, fertilizers, pesticide tablets, and foods and provides an elegant prompt release coating which does not retard the release of active ingredients from the coated substrate. An edible, hardenable coating composition is disclosed containing microcrystalline cellulose, a film forming amount of propylene glycol alginate, and a strengthening polymer, optionally in combination with at least one of a plasticizer, a surfactant, or a filler. The coating composition of the present invention may be applied to pharmaceutical and veterinary solid dosage forms, confectionery, seeds, animal feed, fertilizers, pesticide tablets, and foods and provides an elegant prompt release coating which does not retard the release of active ingredients from the coated substrate.

(54) Title of the invention : OPTICALLY ACTIVE COMPOUNDS

(51) International classification :C07C 69/02
 (31) Priority Document No :99 30 557.5
 (32) Priority Date :23/12/1999
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/CH00/00673
 Filing Date :20/12/2000
 (87) International Publication No :WO 01/47862 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

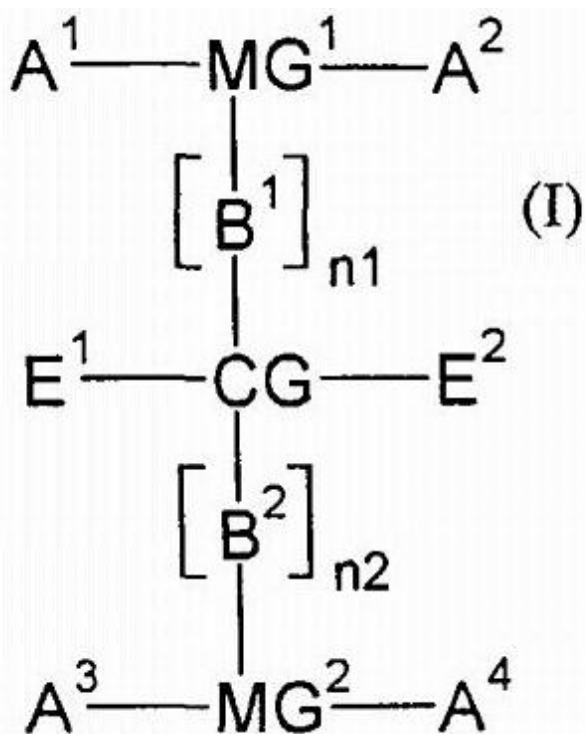
1)ZOUBAIR MOHAMMED CHERKAOUI**2)KLAUS SCHMITT**

No of Pages : 35

No of Claims : 21

(57) Abstract :

A compound is of formula (I), in which: A1 to A4, E1 and E2 each independently represent hydrogen or an optionally-substituted hydrocarbon group; B1 and B2 each independently represent a single bond, an oxygen atom or an optionally-substituted hydrocarbon group; MG1 and MG2 each independently represent an optionally-substituted ring system; CG is a divalent or polyvalent chiral group. The optically active compound may be used as a doping agent for liquid crystals for a wide range of applications including solid state cholesteric filters for projection displays, circular polarisers, optical filters, etc.



(54) Title of the invention : 3-AZABICYCLO (3.1.0) HEXANE DERIVATIVES HAVING OPIOID RECEPTOR AFFINITY

(51) International classification :C07D 209/52
 (31) Priority Document No :0015562.2
 (32) Priority Date :23/06/2000
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/IB01/01035
 Filing Date :07/06/2001
 (87) International Publication No :WO 01/98267
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :235 EAST 42ND STREET, NEW YORK, NEW YORK 10017, U.S.A.

(72)Name of Inventor :

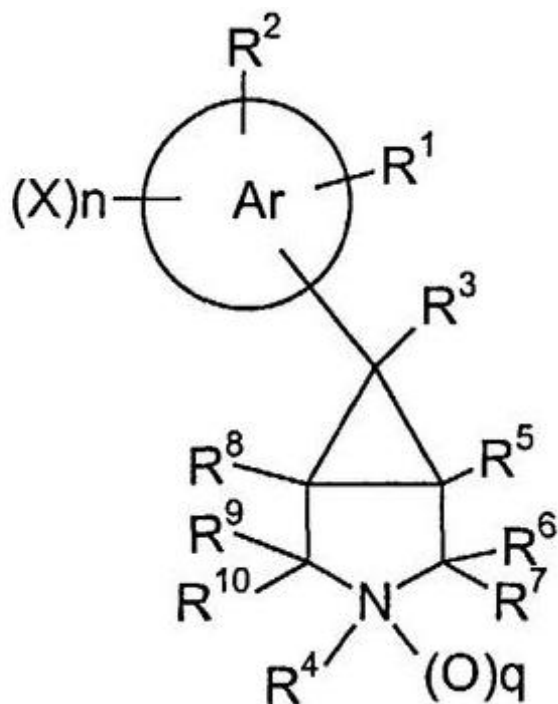
1)BERNARD JOSEPH BANKS**2)DOUGLAS JAMES CRITCHER****3)ASHLEY EDWARD FENWICK****4)DAVID MORRIS GETHIN****5)STEPHEN PAUL GIBSON****6)GRAHAM LUNN**

No of Pages : 108

No of Claims : 34

(57) Abstract :

Compounds of formula (I), where the substituents are as defined herein, and the pharmaceutically or veterinarily acceptable derivatives or prodrugs thereof, are pharmaceutically and veterinarily useful, in particular they bind to opiate receptors (e.g. mu, kappa and delta opioid receptors). They are likely to be useful in the treatment of diseases or conditions modulated by opiate receptors, for example irritable bowel syndrome; constipation; nausea; vomiting; pruritic dermatoses, such as allergic dermatitis and atopy; eating disorders; opiate overdoses; depression; smoking and alcohol addiction; sexual dysfunction; shock; stroke; spinal damage; and head trauma.



(I)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/01870/MUM A

(19) INDIA

(22) Date of filing of Application :23/12/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : COST EFFECTIVE MEDIA FOR LARG SCALE INSECT CELL CULTURE.

(51) International classification	:C12N 5/06
(31) Priority Document No	:60/213 , 665
(32) Priority Date	:23/06/2000
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP01/07121
Filing Date	:22/06/2001
(87) International Publication No	:WO 01/98517
	A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)WYETH OF FIVE GIRALDA FARMS
Address of Applicant :NEW JERSEY 07940-0874 U.S.A.
(72)**Name of Inventor :**
1)CHIARELLO RONALD H.
2)HIMMERICH SARAH

No of Pages : 22

No of Claims : 5

(57) Abstract :

A serum-free insect cell culture medium is described which provides improvements in the maximum cell density supported and replication of insect viruses within these cells, at a significantly lower cost than commercially-available media. An improved method for preparing a lipid emulsion which is easy to scale and which produces a more stable emulsion with a longer shelf life is also described.

(12) PATENT APPLICATION PUBLICATION(21) Application No.0017/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :04/01/2005(43) Publication Date : 20/04/2007

(54) Title of the invention : OPTICAL SYSTEM DESIGN FOR A UNIVERSAL COMPUTING DEVICE

(51) International classification	:G06F7/00	(71) Name of Applicant : 1)MICROSOFT CORPORATION
(31) Priority Document No	:NA	Address of Applicant :ONE MICROSOFT WAY, REDMOND,
(32) Priority Date	:NA	WASHINGTON 98052, UNITED STATES OF AMERICA U.S.A.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)CHUNHUI ZHANG
Filing Date	:NA	2)JIAN WANG
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 52

No of Claims : 21

(57) Abstract :

The universal input device provides a common user interface for a variety of different computing platforms including printed documents. Using the present system, one may use the universal input device to control various computing devices as well as capture handwritten electronic ink and have the electronic ink be associated with new or stored documents. The universal input device can be identified by a specific identification in order to allow for multiple users to operate on a document and/or within an application program simultaneously or not. An off-set optical system with infrared illumination handles perspective and helps detect positional encoding which can be covered by existing ink under common visible light illumination.

(54) Title of the invention : "ANTENNA FOR A PC CARD"

(51) International classification	:H01Q	(71)Name of Applicant :
(31) Priority Document No	:09/968,493	1)SIERRA WIRELESS, INC.
(32) Priority Date	:02/10/2001	Address of Applicant :13811 WIRELESS WAY, RICHMOND, BRITISH
(33) Name of priority country	:U.S.A.	COLUMBIA V6V 3A4 CANADA. Canada
(86) International Application No	:PCT/CA02/01479	(72)Name of Inventor :
Filing Date	:02/10/2002	1)SIMON AU
(87) International Publication No	:WO 03/030295	2)CHRISTOPHER MICHAEL CHAN-HENRI
(61) Patent of Addition to Application Number	:NA	3)NORMAN TOMS
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15No of Claims : 32

(57) Abstract :
An antenna for a PC card is provided. The antenna of the present invention includes a shaft, a hinge and a knob. The shaft has a first end and a second end where the hinge is disposed intermediate the first end and the second end of the antenna at an angle relative to the PC card. The knob, which is disposed at the second end of the shaft, includes a gripping surface for gripping by a user during deployment of the antenna. The gripping surface is disposed at the angle relative to the hinge such that as a user rotates the anlenna during deployment, the antenna properly deploys.

(54) Title of the invention : "MACROLIDE ANTIBIOTICS"

(51) International classification :C07H 17/08
 (31) Priority Document No :0031309.8
 (32) Priority Date :21/12/2000
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB01/05665
 Filing Date :20/12/2001
 (87) International Publication No :WO 02/50091
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

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1)SULEJMAN ALIHODZIC**2)DANIELE ANDREOTTI****3)LUCA ARISTA****4)STEFANO BIONDI****5)FRANCESCA CARDULLO****6)MANUELA CIRACO****7)FREDERICA DAMIANI****8)SERGIO LOCIURO****9)CARLA MARCHIORO****10)GIANCARLO MERLO****11)ANNA MINGARDI****12)DANIELA NICCOLAI****13)ALFREDO PAIO****14)ELISABETTA PIGA****15)ALFONSO POZZAN****16)CATIA SERI****17)LUCA TARSI****18)SILVIA TERRENI****19)JESSICA TIBASCO**

No of Pages : 210

No of Claims : 16

(57) Abstract :

The present invention relates to 11,12 y lactone ketolides of formula (I) wherein R is hydrogen, cyano, (CH₂)_nA-X-R₄ or (CH₂)_nR₅; A is a group selected from -N(R₆)-, -N[C(O)R₆]-, -N(R₆)C(O)-, -N(R₆)S(O)₂-, N(R₆)C(O)O-, -N=C(R₆)- or -N(R₆)C(Y)N(R₇)-; R₁ is C1-6 alkyl or C3-6 alkenyl; R₂ is hydrogen or a hydroxyl protecting group; R₃ is hydrogen or halogen; X is a bond, a C1-10 alkylene, a C2-10 alkenylene or a C2-10 alkynylene chain wherein said chains are: i) optionally interrupted by a bivalent radical group selected from -O-, -N(R₈)-, -C(O)-, -N(R₈)C(Y)N(R₉)-, -S(O)m-, -N(R₈)C(O)-, -C(O)N(R₈)-, -N(R₈)C(O)C(O)-, -C(O)O- or -C(NOR₆)- and/or ii) optionally substituted by one or two groups selected from: C1-4 alkyl, oxo, C1-4 alkoxy, halogen, cyano, phenoxy, hydroxy, NR₈R₉, N(R₈)C(O)R₉, =NOR₆, NR₈C(Y)NR₉ or optionally substituted phenyl; R₄ is selected from: hydrogen, optionally substituted phenyl, optionally substituted C3-7 cycloalkyl, optionally substituted 9 to 10 membered fused bicyclic carbocyclic, optionally substituted 5 or 6 membered heteroaryl in which the 5-membered heteroaryl contains at least one heteroatom selected from oxygen, sulphur or nitrogen and the 6-membered heteroaryl group contains from 1 to 3 nitrogen atoms, optionally substituted 5-6 membered heterocyclic, or R₄ is an optionally substituted 9 or 10 membered fused bicyclic heterocyclic having at least one heteroatom selected from oxygen, sulphur or nitrogen; 5 is a 5 or 6 membered heterocyclic containing at least one nitrogen, optionally substituted by one or two groups selected from oxo or 9 or 10 membered fused bicyclic heterocyclic having at least one heteroatom selected from oxygen, sulphur or nitrogen; R₆ and R₇ are independently hydrogen, C1-4 alkyl or phenyl which is optionally substituted by one or two C1-4 alkyl groups; R₈ and R₉ are independently hydrogen, phenyl (which may be substituted by one or two C1-4 alkyl) or R₈ and R₉ are independently C1-4 alkyl which is optionally substituted by 1 or 2 groups selected from: phenyl, C1-4 alkoxy, cyano, 5-membered heteroaryl containing 1 or 2 heteroatoms selected from oxygen, sulphur or nitrogen or the 6-membered heteroaryl group contains from 1 to 3 nitrogen atoms, hydroxy, oxo, carboxy; Y is an oxygen or a sulphur atom; n is 0 or an integer from 1 to 3; m is 0, 1 or 2; and pharmaceutically acceptable salts and solvates thereof, to process for their preparation and their use in therapy or prophylaxis of systemic or topical bacterial infections in a human or animal body.

(54) Title of the invention : A SYSTEM AND PROCESS FOR CONTROLLING A SHARED DISPLAY GIVEN INPUTS FROM MULTIPLE USERS USING MULTIPLE INPUT MODALITIES.

(51) International classification	:G09G3/36,G06F
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MICROSOFT CORPORATION,Address of Applicant :ONE MICROSOFT WAY, REDMOND,
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(72)Name of Inventor :

1)ANDREW DAVID WILSION,**2)KENTARO TOYAMA,****3)MANEESH AGRAWALA,****4)RONALD KEITH LOGAN,****5)STEVEN M. DRUCKER,****6)SUMIT BASU,****7)TIM PACK,****8)TRAUSTI THOR KRISUANSSON,**

No of Pages : 35

No of Claims : 38

(57) Abstract :

A system and process for controlling common information displays, referred to as shared displays, is presented. The system and process allows multiple modes of input using a set of modules that accept and display data from a variety of sources. Input modules are able to understand data from a single mode of communication and to be able to generate message as output accordingly. An optional translation module takes discrete message units and converts them into commands or requests that can be processed by a logic module. The logic module includes any application that is running on the shared display. A layout module lays out the information output by the logic module and a display module takes the layout data and converts the information to a form that can be readily displayed on a display device.

(54) Title of the invention : "SPIRALLY WOUND SHAPED YARNS FOR PAPER MACHINE CLOTHING AND INDUSTRIAL BELTS"

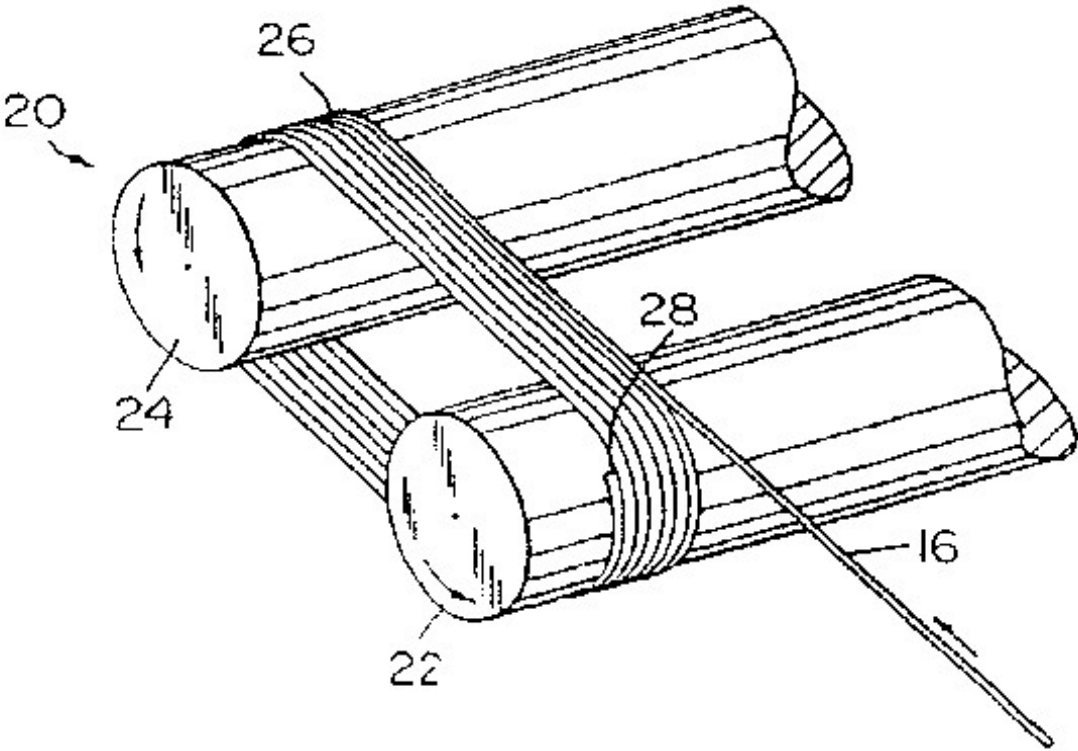
(51) International classification	:D21F 1/00	(71)Name of Applicant :
(31) Priority Document No	:09/770,891	1)ALBANY INTERNATIONAL CORP.
(32) Priority Date	:26/01/2001	Address of Applicant :1373 BROADWAY, ALBANY, NEW YORK
(33) Name of priority country	:U.S.A.	12204 USA U.S.A.
(86) International Application No	:PCT/US02/02305	(72)Name of Inventor :
Filing Date	:25/01/2002	1)ROBERT A. HANSEN
(87) International Publication No	:WO 02/059419	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 52

(57) Abstract :

A fabric for the forming, press and dryet sections of a paper machine, for use as a reinforcing base for a polymeric-lesin-coaled paper-processing belt or as a corrugator belt, or in other industrial settings where a material is being dewatered. is formed from a monofilament yum (id), which is spirally wound in the form of a closed helix (26), adjacent turns thereof being abutting against and joined securely to one another The monofilament yum has a first side and a second side which are oppositely and correspondingly shaped, so that, when spirally wound in a plurality of turns, the first side fits closely into or against the second side of an adjacent and -ab'uitting and adjacent spiral turns ate secured to one another at the .abutting first and second sides to form the fabric.



ic for the forming, press and dryer sections of a paper machine, for use as a reinforcing base for

(12) PATENT APPLICATION PUBLICATION

(21) Application No.01179/DEL/2004 A

(19) INDIA

(22) Date of filing of Application :05/05/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD AND COMPOSITION FOR IMPROVING FUEL COMBUSTION

(51) International classification

:C10L1/0

(31) Priority Document No

:0126990.1

(32) Priority Date

:09/11/2001

(33) Name of priority country

:U.K.

(86) International Application No

:WO 03/040269

Filing Date

A1

(87) International Publication No

:PCT/AU02/01519

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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3)CARROLL, WILLIAM, F.

4)CARROLL, MICHAEL

(72)Name of Inventor :

1)CARROLL, ROBERT, W.

2)CARROLL, NOEL

3)CARROLL, WILLIAM, F.

4)CARROLL, MICHAEL

No of Pages : 26

No of Claims : 47

(57) Abstract :

A method of improving the combustion of a fuel by adding a catalyst or combustion enhancer at an extremely low concentration, preferably in the range of 1 part catalyst per 200 million parts fuel to 1 part catalyst per 6 trillion parts fuel. The catalyst or combustion enhancer may be selected from a wide range of soluble compounds. The method may comprise the steps of an initial mixing of the catalyst or enhancer with a suitable solvent and then subsequent dilution steps using solvents or fuel. Suitable solvents include water, MTBE, methylketone, methyisobutylketone, butanol, isopropyl alcohol and other hydrophilic/oleophilic compounds.

(54) Title of the invention : AMPLIFIER

(51) International classification	:H03F3/00	(71)Name of Applicant :
(31) Priority Document No	:0127457.0	1)FILTRONIC PLC
(32) Priority Date	:15/11/2001	Address of Applicant :THE WATERFRONT SALTS MILL ROAD
(33) Name of priority country	:U.K.	SALTAIRE SHIPLEY WEST YORKSHIRE BD18 3TT (GB) U.K.
(86) International Application No	:PCT/GB02/04870	(72)Name of Inventor :
Filing Date	:28/10/2002	1)RHODES, JOHN, DAVID
(87) International Publication No	:WO 03/043181	
	A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 36No of Claims : 35

(57) Abstract :
An amplifier comprising a field effect transistor, a terminating network comprising inductors connected in series separated by capacitors connected in parallel, a filter and a load, wherein the values of the capacitors and inductors are arranged to present open circuits to a predetermined number of odd harmonics of a signal frequency being amplified, and to present short circuits to a predetermined number of even harmonics of the signal frequency, wherein the normalised values of the inductors and capacitors of the terminating network are selected using the following procedure: Let $g_{\hat{r}} = C_{\hat{r}}$ r odd = $L_{\hat{r}}$ r even then $g_{\hat{1}} = 1$, $g_{\hat{1}}g_{\hat{2}} = (a)$; $g_{\hat{r}}g_{\hat{r+1}} = (b)$, $r = 2m(7)2m-1$ and $g_{\hat{2m}}g_{\hat{2m+1}} = (c)$ where $(m-1)$ represents the predetermined number of odd harmonics which are presented with an open circuit.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.01307/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :17/05/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : USE OF CYSTATHIONINE

(51) International classification	:C12N15/00
(31) Priority Document No	:01203902.0
(32) Priority Date	:16/10/2001
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:
Filing Date	PCT/EP02/11266
(87) International Publication No	: WO 03/032753
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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2)HUYNH-BA, TUONG
3)VUICHOUD, JACQUES
4)BREUILLE, DENIS

No of Pages : 17

No of Claims : 9

(57) Abstract :

The invention relates to the use of cystathionine in a nutritional composition, a dietary supplement, a prophylactic composition or an infant formula.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.01385/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :21/05/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : DISTRIBUTED DOCUMENT PROCESSING

(51) International classification	:G06F 17/24
(31) Priority Document No	:09/995,763
(32) Priority Date	:29/11/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL02/00959
Filing Date	:28/11/2002
(87) International Publication No	:WO 03/046785
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BALTSAN, AVIKAM
2)SARID ORI
3)ELIMELECH ARIE
4)SEGAL ZVI
5)MILLER GIDEON

No of Pages : 16

No of Claims : 26

(57) Abstract :

A method for document processing including receiving availability profiles from a plurality of personnel operating a plurality of remote computers, receiving a work order from a remote customer's computer, said work order having a time frame within which said work order may be serviced, where any of said availability profiles indicates that any of said personnel are available to service said work order within said time frame, receiving within the context of said work order an image of a document from said remote customer's computer, decomposing said image into a plurality of data entry region sub-images, providing any of said plurality of data entry region sub-images to said available personnel at said remote computers, and receiving from each of said plurality of remote computers a data entry value associated with at least one of said data entry region sub-images.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.0143/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :24/01/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : SUBSTAINED RELEASE ORAL DOSAGE FORMS OF GABAPENTIN

(51) International classification	:A61K31/195	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RANBAXY LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :19, NEHRU PLACE, NEW DELHI - 110019,
(33) Name of priority country	:NA	INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MANISH CHAWLA,
(87) International Publication No	: NA	2)RAJEEV SINGH RAGHUVANSHI,
(61) Patent of Addition to Application Number	:NA	3)ASHOK RAMPAL
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 18

(57) Abstract :

The present invention relates to stable sustained release oral dosage forms of gabapentin and process for the preparation thereof wherein the dosage form provides substantially constant plasma levels of gabapentin up to 24 hours.

(54) Title of the invention : "SYNERGISTIC HERBICIDAL COMPOSITIONS COMPRISING MESOTRIONE"

(51) International classification	:A01N 41/10	(71) Name of Applicant :
(31) Priority Document No	:0114198.5	1)SYNGENTA PARTICIPATIONS AG
(32) Priority Date	:11/06/2001	Address of Applicant :SCHWARZWALDALLEE 215, CH-4058 BASEL,
(33) Name of priority country	:U.K.	SWITZERLAND. Switzerland
(86) International Application No	:PCT/GB02/02534	(72) Name of Inventor :
Filing Date	:06/06/2002	1)DEREK CORNES
(87) International Publication No	:WO 02/100173	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 9

(57) Abstract :

The present invention relates to a synergistic herbicidal composition comprising; (A) mesotrione, and: (B) a second herbicide selected from; (B1) triazines (B2) triazolinones (B3) triazinones (B4) imidazolinones (B5) dicamba (B6) flumetsulam (B7) trifloxysulfuron (B8) tritosulfuron (B9) triasulfuron (B10) pyriftalid (B11) prosulfocarb (B12) pretilachlor (B13)inosulfuron, or their herbicidally effective salts. A method of controlling the growth of undesirable vegetation, particularly in crops, using this synergistic composition is also disclosed.

(54) Title of the invention : DECISION-THEORETIC WEB-CRAWLING AND PREDICTING WEB-PAGE CHANGE

(51) International classification	:G06F17/30	(71) Name of Applicant :
(31) Priority Document No	:NA	1)MICROSOFT CORPORATION,
(32) Priority Date	:NA	Address of Applicant :ONE MICROSOFT WAY, FEDMOND,
(33) Name of priority country	:NA	WASHINGTON 98052, USA. U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CARL M. KADIE
(87) International Publication No	: NA	2)CHRISTOPHER A. MEEK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 37

(57) Abstract :
Systems and methods are described that facilitate predictive web-crawling in a computer environment. Aspects of the invention provide for predictive, utility-based, and decision theoretic probability assessments of changes in subsets of web pages, enhancing web-crawling ability and ensuring that web page information is maintained in a fresh state. Additionally, the invention facilitates selective crawling of pages with a high probability of change.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.0189/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :31/01/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : COMPREHENSIVE METHOD AND SYSTEM FOR INCREASING EFFICIENCY IN A POWER DISTRIBUTION NETWORK.

(51) International classification	:G05F1/70	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KLG SYSTEL LTD.
(32) Priority Date	:NA	Address of Applicant :UNIT 3-6, TOWER A, GROUND FLOOR,
(33) Name of priority country	:NA	UNITECH BUSINESS PART, F-BLOCK, SOUTH CITY-1, GURGAON-
(86) International Application No	:NA	122001, HARYANA, INDIA. Haryana India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KANHAIYA LAL GOEL
(61) Patent of Addition to Application Number	:NA	2)KUMUD GOEL
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 46

No of Claims : 16

(57) Abstract :

An optoelectronic device (100) mountable upon a meter (80) for measuring the reading of the same, the optoelectronic device (100) comprising an optoelectronic sensor (10) locatable upon the meter (80) for sensing the optical pulses generated by the meter (80) and producing corresponding electrical pulse, the output of the optoelectronic sensor (10) being coupled to an amplifying circuit (20) for amplifying the electrical pulses thus generated and the output of the amplifying circuit (20) being coupled to a counter (30) for counting the electrical pulses thereby detecting the readings of the meter (80).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.0192/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :31/01/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : SYSTEM AND METHOD FOR PUBLISHING AND ACCESSING APPLICATION APIS ON A GENERIC TERMINAL

(51) International classification	:G06F 9/46	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RESEARCH IN MOTION LIMITED
(32) Priority Date	:NA	Address of Applicant :295 PHILLIP STREET WATERLOO, ONTARIO
(33) Name of priority country	:NA	N2L 3W8, CANADA Canada
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BIBER VIERA
(87) International Publication No	: NA	2)GORING BRYAN R
(61) Patent of Addition to Application Number	:NA	3)SHENFIELD MICHAEL
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 36

No of Claims : 42

(57) Abstract :

Disadvantages with the current application interaction approach include: changes in configuration or version of a single software component often require the reinstall of a large number of dependent or related applications and previously installed software components are unable to communicate with software provisioned and installed at a later date. There is provided systems and methods for providing dynamic interaction between a pair of application programs by a platform neutral interface of a terminal, the pair of applications including a requestor application desiring access to a target application. One such method includes registering access information of the target application, such that the access information includes published access information made available in a data structure for retrieval by the platform neutral interface. This method further includes receiving an access request by the platform neutral interface from the requestor application, such that the access request includes request content corresponding to the published access information of the target application. The method proceeds further by obtaining an interface component by using the request content to search the data structure, such that the interface component is configured for enabling communication between the platform neutral interface and the target application in an access format expected by the target application. The method also includes employing the interface component by the platform neutral interface to satisfy the access request of the requestor application for interaction with the target application.

(54) Title of the invention : BLOCKING DEVICE OF THE UNWINDING OF THREADS FROM THE FEEDING BOBBINS OF A DOUBLE-TORQUE TWISTER

(51) International classification	:D03D 37/00	(71) Name of Applicant : 1)SAVIO MACCHINE TESSILI S.P.A.
(31) Priority Document No	:NA	Address of Applicant :VIA UDINE 105, PORDENONE, ITALY. Italy
(32) Priority Date	:NA	(72) Name of Inventor :
(33) Name of priority country	:NA	1)ROBERTO BADIALI,
(86) International Application No	:NA	2)RUGGERO NICODEMO,
Filing Date	:NA	3)GIOVANNI GHINAMI,
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 14

(57) Abstract :

A blocking device of the unwinding of threads (3,4) from the feeding bobbins (1,2) of a twisting spindle (F) with coaxially superimposed bobbins inserted on their own hollow pin (10,11), each thread (3,4) unwinding upwards from its bobbin and in the same direction as the other thread, directly entering the hollow pin (10,11) without penetrating, during its run, the space surrounding the other bobbin, characterized in that the blocking device of the unwinding of the thread (4) of the lower bobbin (2) comprises a mechanical interceptor (48) integral with the upper hollow pin (10), activated with activating means (55,71) for its descent to enter into the unwinding range of the thread (4) preventing it from passing into the lower hollow pin (11).

(54) Title of the invention : STAGED ELECTRODE CARRIER OF AN O2 SENSOR

(51) International classification	:G01N27/407	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SENTEC E&E CO., LTD.,
(32) Priority Date	:NA	Address of Applicant :NO.32 GONG 5 ROAD, LUNGTAN TAOYUAN,
(33) Name of priority country	:NA	TAIWAN R.O.C. Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HSIAO CHUNG WU
(87) International Publication No	:Not Applicable	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8No of Claims : 17

(57) Abstract :
A staged electrode carrier of an O2 sensor comprises a sensor; a detecting end carrier installed in the sensor; the detecting end carrier having a positive lead, a negative lead and a channel communicated to atmosphere; one end of the positive lead of the detecting end carrier having a positive interface exposing in the channel so as to contact the atmosphere and one end of the detecting end carrier having a negative interface exposing from an outer wall of the detecting end carrier to contact gas to be measured; and a transferring end carrier installed in the sensor having a positive lead and a negative lead. A detecting end carrier is made of zirconium oxide, and a transferring end carrier is made of Al2O3, CaO or MgO. The two carriers are being with positive leads and negative leads for detecting oxygen density of the gas to be measured.

(54) Title of the invention : SYSTEMS AND METHODS THAT DETERMINE INTENT OF DATA AND RESPOND TO THE DATA BASED ON THE INTENT.

(51) International classification	:G06F00/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MICROSOFT CORPORATION
(32) Priority Date	:NA	Address of Applicant :ONE MICROSOFT WAY, REDMOND,
(33) Name of priority country	:NA	WASHINGTON 98052, UNITED STATES OF AMERICA. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DAVID R. REED
(87) International Publication No	: NA	2)ERIC K. RINGGER
(61) Patent of Addition to Application Number	:NA	3)MALCOLM E. PEARSON
Filing Date	:NA	4)MICHAEL GAMON
(62) Divisional to to Application Number	:NA	5)RICHARD G. CAMPBELL
Filing Date	:NA	6)ROBERT G. ATKINSON
		7)SIMON H. CORSTON

No of Pages : 29

No of Claims : 39

(57) Abstract :
A system that facilitates data handling, comprising; a component that receives data; and a data manager that determines an intent of the data, reformulates at least a subset of the based on the intent, and automatically presents the reformulated data to a user.

(54) Title of the invention : GRID CANVAS		
(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MICROSOFT CORPORATION
(32) Priority Date	:NA	Address of Applicant :BUSINESS AT ONE MICROSOFT WAY,
(33) Name of priority country	:NA	REDMOND, WASHINGTON 98052,UNITED SATATES OF AMERICA,
(86) International Application No	:NA	U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NIL	1)DMITRY G. TITOV
(61) Patent of Addition to Application Number	:NA	2)KENNETH B.COOPER
Filing Date	:NA	3)KENNETH L. YOUNG
(62) Divisional to to Application Number	:NA	4)OLEG V. OVETCHKINE
Filing Date	:NA	5)PETER FARADAY

No of Pages : 19

No of Claims : 28

(57) Abstract :

A layout resizes intelligently without complexity. Objects or elements are attached to a virtual grid of row and column gridlines, which are defined separately. The relationship between the objects and the grid is bi-directional so that moving one (gridline or object) will affect the other (object or gridline). In other words, expanding/ collapsing the object will push the gridlines, and moving the gridline will expand/ collapse the object. The virtual grid can be created before or after the objects to provide further flexibility. A child object can object can have its own virtual grid, which allows fine-grained control where desired.

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF METHYLHYDROXYALKYL CELLULOSE

(51) International classification	:C08B11/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WOLF CELLULOSICS GMBH & CO. KG.
(32) Priority Date	:NA	Address of Applicant :29656 WALSRÖDE, GERMANY Germany
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)HARTWIG SCHLESIGER
Filing Date	:NA	2)WOLFGANG DANNHORN
(87) International Publication No	: NA	3)ERIK-ANDREAS KLOHR
(61) Patent of Addition to Application Number	:NA	4)MARTIN KOWOLLIK
Filing Date	:NA	5)MARC OLIVER SCHMIDT
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 10

(57) Abstract :

A process of producing methylhydroxyalkyl cellulose (MHAC) is described and involves in a first step (a), (i) introducing cellulose and a suspension medium into an autoclave, the suspension medium comprising 20wt% to 50wt% of chloromethane, based on the total weight of the said suspension medium, and (ii) spraying the cellulose in the autoclave with an aqueous alkali metal hydroxide solution, thereby alkalizing the cellulose and reacting the cellulose with chloromethane. In a second step (b), hydroxyalkylating agent is optionally introduced into the autoclave at a temperature above 60 deg. C. In a third step (c) alkali metal hydroxide is introduced into the autoclave in a hyperstoichiometric quantity of at least +0.1 mol eq., relative to the chloromethane utilised. In a fourth step (d), at least one hydroxyalkylating agent is optionally introduced into the autoclave at a temperature above 60 deg. C, and the introduced hydroxyalkylating agent is allowed to react for at least 20 min. In a fifth step (e), additional chloromethane is introduced into the autoclave in a hyperstoichiometric quantity of at least +0.2 mol eq., relative to the total alkali metal hydroxide utilised up to this point. In a sixth step (f), additional alkali metal hydroxide utilised up to this point. In a sixth step (f), additional alkali metal hydroxide is optionally introduced into the autoclave, and the reaction is allowed to continue at a temperature of from 60 deg. C to 110 deg. C. finally, the suspension medium is removed by means of distillation, thus forming a distillate comprising residual chloromethane, and the methylhydroxyalkyl cellulose is isolated. Optionally, the isolated methylhydroxyalkyl cellulose may be washed, and dried. The addition of hydroxyalkylating agent occurs in step (b) and/or step (d).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.0664/DEL/1997 A

(19) INDIA

(22) Date of filing of Application :17/03/1997

(43) Publication Date : 20/04/2007

(54) Title of the invention : "PORTABLE WIRELESS COMMUNICATIONS UNIT AND LIGHTING CONTROL METHOD THEREOF"

(51) International classification	:H04M	(71)Name of Applicant :
	1/20	1)SONY CORPORATION
(31) Priority Document No	:NA	Address of Applicant :7-35, KITASHINAGAWA 6 - CHOME
(32) Priority Date	:NA	SHINAGAWA KU TOKYO JAPAN Japan
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KAZUHIKO TERASHIMA
Filing Date	:NA	2)TAKAKI NAKAZAWA
(87) International Publication No	:NA	3)SONY CORPORATION
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 14

(57) Abstract :

A backlight for a liquid crystal display in TMDA type portable telephones is driven by PWM. A register for holding the PWM-drive pulse width setting values and a decoder for decoding counted values in a base counter for counting the basic timing of three slots for receive, idle and transmit. A lighting control circuit Scb is provided to cut off the supply of power to the backlight incandescent lamp from the secondary battery during the transmit time slot. The power cutoff period by means of the Scb signal may be extended beyond the transmit time slot depending on the voltage detected at the secondary battery terminal by means of a voltage sensor circuit. Consequently additional voltage drops in a battery can be avoided during transmission in a TMDA type portable telephone by switching off a light such as a backlight for a liquid crystal display.

(54) Title of the invention : "TREATMENT OF RESPIRATORY DISEASES WITH ANTI-IL-2 RECEPTOR ANTIBODIES"

(51) International classification	:A61K 39/395	(71)Name of Applicant :
(31) Priority Document No	:60/505,883	1)PDL BIOPHARMA, INC.,
(32) Priority Date	:23/09/2003	Address of Applicant :34801 CAMPUS DRIVE, FREMONT,
(33) Name of priority country	:U.S.A.	CALIFORNIA 94555, USA. U.S.A.
(86) International Application No	:PCT/US2004/31640	(72)Name of Inventor :
Filing Date	:21/09/2004	1)RICHARD S. SHAMES
(87) International Publication No	:WO 2005/030252	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 57

No of Claims : 36

(57) Abstract :

The present invention provides a method of treating respiratory diseases. In particular, it provides a method for the treatment of asthma comprising administering to a subject a therapeutically effective amount of a pharmaceutical formulation comprising an antibody, wherein said antibody binds to IL-2 receptor.

(54) Title of the invention : "PHENYL OR HETEROARYL AMINO ALKANE DERIVATIVES AS IP RECEPTOR ANTAGONIST"

(51) International classification :C07D 213/64
 (31) Priority Document No :02025024.7
 (32) Priority Date :11/11/2002
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2003/011976
 Filing Date :29/10/2003
 (87) International Publication No :WO 2004/043926
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

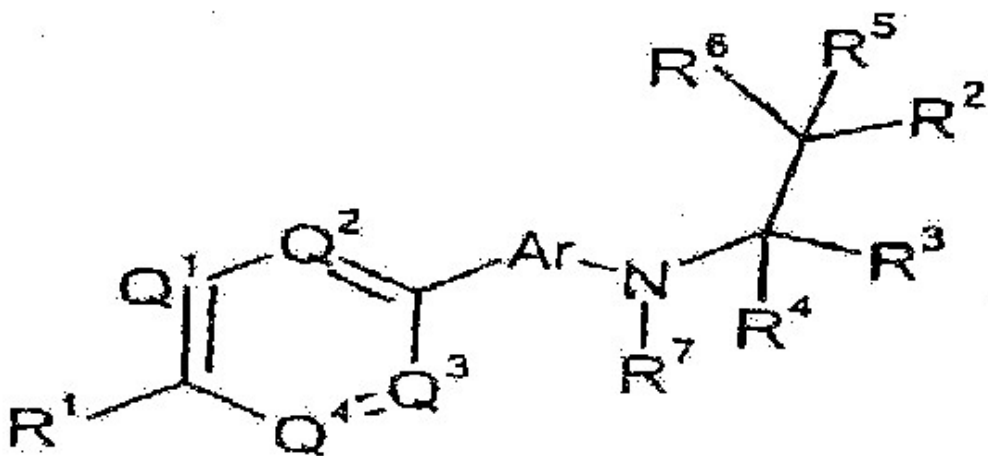
(71)Name of Applicant :
1)BAYER HEALTHCARE AG,
 Address of Applicant :51368 LEVERKUSEN, GERMANY Germany
 (72)Name of Inventor :
1)TOSHIKI MURATA
2)MASAOMI UMEDA
3)SATORU YOSHIKAWA
4)KLAUSE URBAHNS
5)JANG GUPTA
6)OSAMU SAKURAI

No of Pages : 197

No of Claims : 22

(57) Abstract :

The present invention relates to a phenyl or heteroaryl amino alkane derivatives which are useful as an active ingredient of pharmaceutical preparations. The phenyl or heteroaryl amino alkanes of the present invention have IP receptor antagonistic activity, and can be used for the prophylaxis and treatment of diseases associated with IP receptor activity. Such diseases include urological diseases or disorder as follows: bladder outlet obstruction, overactive bladder, urinary incontinence, detrusor hyper-reflexia, detrusor instability, reduced bladder capacity, frequency of micturition, urge incontinence, stress incontinence, bladder hyperreactivity, benign prostatic hypertrophy (BPH), prostatitis, urinary frequency, nocturia, urinary urgency, pelvic hypersensitivity, urethritis, pelvic pain syndrome, prostatodynia, cystitis, or idiopathic bladder hypersensitivity. The compounds of the present invention are also useful for treatment of pain including, but not limited to inflammatory pain, neuropathic pain, acute pain, chronic pain, dental pain, premenstrual pain, visceral pain, headaches, and the like; hypotension; hemophilia and hemorrhage; and inflammation, since the diseases also is alleviated by treatment with an IP receptor antagonist.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1612/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :09/06/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : COLOURED SODA-LIME GLASS

(51) International classification	:C03C 3/095
(31) Priority Document No	:2001/0817
(32) Priority Date	:14/12/2001
(33) Name of priority country	:Belgium
(86) International Application No	:PCT/EP02/13965
Filing Date	:05/12/2002
(87) International Publication No	:WO 03/051786
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GLAVERBEL

Address of Applicant :CHAUSSEE DE LA HULPE, 166, B-1170
BRUXELLES (WATERMAEL-BOITSFORT), BELGIUM Belgium

(72)Name of Inventor :

1)DOMINIQUE COSTER

2)LAURENT DELMOTTE

3)MARC VAN DEN NESTE

No of Pages : 23

No of Claims : 36

(57) Abstract :

The present invention relates to a coloured soda-lime glass which comprises iron in a quantity which, expressed in weight of the oxide Fe₂O₃ in relation to the total weight of glass, is greater than or equal to 0.5, and less than or equal to 1.0% (quantity of total iron), a ratio of Fe/total Fe (redox ratio) in the range of between 20 and 65%, cerium in a quantity which, expressed in weight of CeO₂ in relation to the total weight of glass, is greater than or equal to 0.1%, and titanium in a quantity which, expressed in weight of TiO₂ in relation to the total weight of glass, is greater than or equal to 0% and less than 0.2%. This glass has a light transmission (TLA₄) in the range of between 15 and 55%, a total transmission in the ultraviolet (TUV₄) of less than or equal to 30%, and a dominant wavelength in transmission (lambda_D) of less than or equal to 491 nm. This glass can be used, for example, as side glazing, rear-view window, roof glazing or opening roof of a motor vehicle.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1613/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :09/06/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : COLOURED SODA-LIME GLASS

(51) International classification	:C03C 3/087
(31) Priority Document No	:2001/0818
(32) Priority Date	:14/12/2001
(33) Name of priority country	:Belgium
(86) International Application No	:PCT/EP02/13733
Filing Date	:03/12/2002
(87) International Publication No	:WO 03/064341
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GLAVERBEL

Address of Applicant :CHAUSSEE DE LA HULPE, 166, B-1170
BRUXELLES (WATERMAEL-BOITSFORT), BELGIUM Belgium

(72)Name of Inventor :

1)DOMINIQUE COSTER

2)LAURENT DELMOTTE

3)MARC VAN DEN NESTE

No of Pages : 17

No of Claims : 41

(57) Abstract :

The present invention relates a coloured soda-lime glass which comprises iron in a quantity which, expressed in weight of the oxide Fe₂O₃ in relation to the total weight of glass, is greater than or equal to 0.5, and less than or equal to 1.0% (quantity of total iron), a ratio of Fe²⁺/total Fe (redox ratio) in the range of between 20 and 65% and titanium in a quantity which, expressed in weight of TiO₂ in relation to the total weight of glass, is greater than or equal to 1.0%. This glass has a light transmission (TLA₄) in the range of between 15 and 55%, a total transmission in the ultraviolet (TUV₄) of less than or equal to 30%, and a dominant wavelength in transmission (λ_D) of less than or equal to 491 nm. This glass can be used, for example, as side glazing, rear-view window, roof glazing or opening roof of a motor vehicle.

(54) Title of the invention : "3-PHENYL-2-ARYLALKYLTHIOPROPIONIC ACID DERIVATIVES AS SELECTIVE AGONISTS OF PPAR-ALPHA"

(51) International classification	:C07C 323/56	(71)Name of Applicant :
(31) Priority Document No	:0104333-0	1)ASTRAZENECA AB
(32) Priority Date	:19/12/2001	Address of Applicant :S-151 85 SODERTALJE, SWEDEN Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/GB2002/05743	1)EVA-LOTTE ALSTERMARK LINDSTEDT,
Filing Date	:18/12/2002	2)ANNA MARIA PERSDOTTER BOIJE
(87) International Publication No	:WO/2003/051826	3)PATRIK HOLM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 41

No of Claims : 21

(57) Abstract :

A compound of formula (I); wherein R1 represents chloro, fluoro or hydroxy as well as optical isomers and racemates thereof as well as pharmaceutically acceptable salts, prodrugs, solvates and crystalline forms thereof, to processes for preparing such compounds, to their the utility in treating clinical conditions including lipid disorders (dyslipidemias) whether or not associated with insulin resistance, to methods for their therapeutic use and to pharmaceutical compositions containing them.

(54) Title of the invention : A RUBBER COMPOSITION FOR EXTRUSION AND MOLDING AND APPLICATIONS THEREOF

(51) International classification	:C08L23/16
(31) Priority Document No	:11/209036
(32) Priority Date	:23/07/1999
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP00/04893
Filing Date	:21/07/2000
(87) International Publication No	: WO
	/2001/007516
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MITSUI CHEMICALS INC.

Address of Applicant :2-5, KASUMIGASEKI 3-CHOME, CHIYODA-KU, TOKYO 100-6070 JAPAN Japan

2)DEGUSSA A.G.

(72)Name of Inventor :

1)NAKAHAMA, HIDENARI**2)ISHII, YUJI****3)HOSOYA, MIKIO****4)KAWASAKI, MASAOKI**

No of Pages : 59

No of Claims : 15

(57) Abstract :

A rubber composition for extrusion molding and for molding with a mold which comprises 100 parts by weight of an ethylene/ α -olefin / unconjugated polyene copolymer rubber (A) obtained from ethylene, a C3-20 α -olefin, and an unconjugated polyene, 30 to 300 parts by weight of carbon black (B), and 1.0×10^{-5} to 5.0×10^{-3} mol of an alkoxysilane compound (C) represented by formula (I), wherein R is alkyl or alkoxy; R1 is alkyl or phenyl; n is 0, 1, or 2; R2 is a divalent hydrocarbon group; R3 is arylene; m and p each is 0 or 1, provided that not both of m and p are 0; q is 1 or 2; and B is -SCN or SH when q is 1, and is -Sx- (wherein x is an integer of 2 to 8) when q is 2.

(54) Title of the invention : VIRTUAL TRUE COLOR LIGHT AMPLIFICATION METHOD AND AN APPARATUS FOR PERFORMING THE SAME

(51) International classification :H04N 1/60 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :IN/PCT/2001/00934/DEL Filed on :12/10/2001		(71)Name of Applicant : 1)ATHENTECH TECHNOLOGIES INC Address of Applicant :SUITE 2100, 801-6TH AVENUE SW, CALGARY, ALBERTA, T20 3W2, CANADA Canada (72)Name of Inventor : 1)JAMES BRIAN G.

No of Pages : 48

No of Claims : 22

(57) Abstract :

A method is provided for enhancing a digital image without distortion of the color. The result is an adjusted image which preserves the essential color of each and every dot in the input digital image while varying the effective light gathering power - like a virtual flash. The image enhancement is performed in RGB color space and comprises determining the maximum strength of the R, G, and B of a dot's RGB triplet and similarly for all dots. The dot maximums are scaled through a scaling function which is constrained in domain and range to the system's dynamic range. The same scaling factor that is applied to a dot maximum is also applied to each of R, G and B in the triplet. Preferably, a continuous scaling function is provided which smoothly approaches the minimum and maximum of the system's dynamic range for providing an aesthetically pleasing enhancement while maintaining true color. In a forensic embodiment, a portion of the image can be selected in RGB color space and normalized, to substantially the entire dynamic range, thereby emphasizing the area of interest, all without affecting the ratios of R, G and B for maintaining true color.

(54) Title of the invention : "SPIROCYCLIC-6,7-DIHYDRO-5H-PYRAZOLO[1,2,A]PYRAZOL-1-ONES WHICH CONTROL INFLAMMATORY CYTOKINES"

(51) International classification :C07D 491/20
 (31) Priority Document No :60/323,625
 (32) Priority Date :20/09/2001
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US02/30133
 Filing Date :20/09/2002
 (87) International Publication No :WO 03/024973
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :00350/DELNP/2004
 Filed on :17/02/2004

(71)Name of Applicant :
1)THE PROCTER & GAMBLE COMPANY
 Address of Applicant :THE PROCTER & GAMBLE PLAZA,
 CINCINNATI, OH 45202 (USA) U.S.A.
 (72)Name of Inventor :
1)LAUFERSWEILER, MATTHEW,JOHN
2)CLARK, MICHAEL, PHILIP
3)DJUNG, JANE, FAR-JINE
4)GOLEBIOWSKI, ADAM
5)DE, BISWANATH
6)BRUGEL, TODD, ANDREW

No of Pages : 51

No of Claims : 14

(57) Abstract :

The present invention relates to compound which are capable of preventing the extracellular release of inflammatory cytokines, said compounds, including all enantiomeric and diastereomeric forms and pharmaceutically acceptable salts thereof, have the formula wherein R comprises ethers or amines; R1 is a) substituted or unsubstituted aryl, or b) substituted or unsubstituted heteroaryl, two R2 units on the same carbon atom are taken together to form a spirocyclic ring having from 4 to 7 atoms, the- balance of the R2 units are independently selected from the group consisting of: a) hydrogen; b) -O(CH2)^jR8, c) - (CH2)^jNR9aR9b, d) -(CH2)^jCO2R10; e) -OCO2R10, f) -(CH2)^jCON(R10)2; and g) two R2 units can be taken together to form a carbonyl unit; R8, R9a, R9b, and R10 are each independently hydrogen, C1-C4 alkyl, and mixtures thereof; R9a and R9b can be taken together to form a carbocyclic or heterocyclic ring comprising from 3 to 7 atoms, two R10 units can be taken together to form a carbocyclic or heterocyclic ring comprising from 3 to 7 atoms; j is an index from 0 to 5, the index n is from 3 to 5.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1758/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/03/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "CONFIGURABLE SNOWSHOE AND SKI DEVICE"

(51) International classification	:A63C
(31) Priority Document No	:60/499,496
(32) Priority Date	:02/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/028499
Filing Date	:02/09/2004
(87) International Publication No	:WO 2005/021112
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EKBERG, LANE

Address of Applicant :7135 PONDEROSA DRIVE,SALT LAKE CITY,
UT 84121, USA U.S.A.

(72)Name of Inventor :

1)EKBERG, LANE

No of Pages : 23

No of Claims : 24

(57) Abstract :

A device and method are disclosed for a configurable snowshoe and ski device. The device may include a base member 102 having a bottom for traversing over snow, and a plurality of wings 110 rotatably coupled to the base member 102, the wings 110 convertible between a skiing configuration and a snowshoe configuration in which the wings extend outward laterally. Also, the device may include a first locking device 107 configured to maintain the plurality of wings in the snowshoe configuration, and a second locking device 902 configured to maintain to the plurality of wings 110 in the skiing configuration. The method may include rotatating a plurality of wings 110 coupled to a base member 102 outward laterally to form a snowshoe configuration, and rotating the plurality of wings 110 inward to form a skiing configuration in which the wings 110 form a surface for gliding over snow.

(54) Title of the invention : METHOD AND APPARATUS FOR A REDUNDANT CLOCK

(51) International classification	:H03L 7/07	(71) Name of Applicant :
(31) Priority Document No	:10/041,338	1)MOTOROLA INC,
(32) Priority Date	:08/01/2001	Address of Applicant :1303 EAST ALGONQUIN ROAD,
(33) Name of priority country	:U.S.A.	SCHAUMBURG, ILLINOIS 60196, U.S.A. U.S.A.
(86) International Application No	:PCT/US03/00284	(72) Name of Inventor :
Filing Date	:07/01/2003	1)PETER DAVID NOVAK
(87) International Publication No	:WO 03/058818	2)ANGELA CAROL MCCRORY.
(61) Patent of Addition to Application Number	:NA	3)DALE EMERSON RAY,
Filing Date	:NA	4)TONI ANN LONG,
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 10

(57) Abstract :

A redundant clock system and communications cards for utilizing the system, the system including a clock source for providing a reference signal for communication cards; an alternate clock source, coupled to the clock source, for providing an alternate reference signal for the communication cards; each of the communication cards including a clock generator, referenced to one of the reference signals for providing clock signals at frequencies corresponding to functions provided by each of the communications cards, and each of the communication cards arranged to couple to a surviving one of the reference signals when a failure of the other is detected.

(54) Title of the invention : THE METHOD OF SAFE CERTIFICATION SERVICE

(51) International classification	:G06F 17/00	(71)Name of Applicant :
(31) Priority Document No	:10-2003-0066452	1)SOLMAZE CO., LTD.
(32) Priority Date	:20/09/2003	Address of Applicant :1212 KOLONG DIGITAL TOWER, 222-7, GURO
(33) Name of priority country	:Republic of Korea	3-DONG, GURO-GU, SEOUL, 152-777 REPUBLIC OF KOREA. Republic
(86) International Application No	:PCT/KR2004/002495	of Korea
Filing Date	:25/09/2004	(72)Name of Inventor :
(87) International Publication No	:WO 2005/029216	1)HWANG, JAY -YEOB
(61) Patent of Addition to Application Number	:NA	2)YANG, KI-HO
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 20

(57) Abstract :
The present invention relates to safe authentication. According to the present invention, a security access service method includes an authentication step by the input of text, an access location tracking step, an authentication step by the input of coordinates, and an access history report step.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2157/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "POWER SUPPLY SYSTEM FOR AN ELECTRIC MOTOR VEHICLE WITH TOW BATTERIES."

(51) International classification	:B60L 11/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/FR2004/002696
Filing Date	:21/10/2004
(87) International Publication No	:WO 2005/039918
	A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GROUPE HENRI HEULIEZ
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(72)**Name of Inventor :**
1)QUEVEAU, GERARD
2)LARGEAU,PATRICK

No of Pages : 16

No of Claims : 9

(57) Abstract :

An electrical power supply system (1) for an electrically powered motor vehicle, said vehicle including an electric motor (3), and a transmission device for transmitting energy between the drive wheels (2) and the motor (3), said vehicle further including electrical accessories (4), in particular an air-conditioning device. Said system (1) comprises a first rechargeable battery (5) serving to power the electric motor (3) and a second rechargeable battery (6) serving to power the electrical accessories (4) of the vehicle, the batteries being connected in parallel to the motor. The invention also relates to a method for controlling such a system, and to an electric motor including such a system.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2158/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "FLUORESCENT LAMP REFLECTORS"

(51) International classification	:F21V 14/04
(31) Priority Document No	:20030100429
(32) Priority Date	:20/10/2003
(33) Name of priority country	:Greece
(86) International Application No	:PCT/GR2004/000048
Filing Date	:05/10/2004
(87) International Publication No	:WO 2005/038344
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)STAVROS PIPERIDIS

No of Pages : 9

No of Claims : 4

(57) Abstract :

Reflector (1) for light concentration and direction in fluorescent lamps with parabolic shape made of thin synthetic film with reflective surface and vertically positioned iouvres (4) made of thin flexible and synthetic film through which the reflector (1) is fitted on the fluorescent lamps (3). In the centre of the louvres (4) there is an especially shaped opening (6) which adjusts to the diameter of the lamp (3), so that the lamp (3) can pass through the openings (6) of the louvres (4), retain the reflector (1) on the fluorescent lamp (3) and rotate some degrees in relation to the lamp (3) in order to concentrate the light towards the desired direction.

(54) Title of the invention : "PROTECTIVE HELMET"

(51) International classification	:A42B 3/32
(31) Priority Document No	:0323437.4
(32) Priority Date	:07/10/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/004290
Filing Date	:07/10/2004
(87) International Publication No	:WO 2005/034667
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HELMET INTEGRATED SYSTEMS LIMITEDAddress of Applicant :UNIT 3, FOCUS 4, FOURTH AVENUE,
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(72)Name of Inventor :

1)SMITH, SIMON, PETER**2)GOULDTHORPE, MARTIN**

No of Pages : 22

No of Claims : 15

(57) Abstract :

A firefighter's helmet comprising an inner protective shell configured to be worn on its own as a helmet and an outer protective shell configured to be fitted over the inner shell and realisably retained thereon, comprising retaining mechanism for retaining the inner shell in the outer shell, wherein the retaining mechanism is moveable by a user whilst wearing the inner shell between a first position in which the retaining mechanism engages a said shell substantially to prevent relative movement between the two shells; and a second position in which the retaining mechanism permits relative movement of the shells whereby allowing the donning or doffing of the outer shell by the user.

(54) Title of the invention : "SYSTEM AND METHOD FOR IMPROVING IGNITABILITY OF DILUTE COMBUSTION MIXTURES"

(51) International classification	:F02B 19/12	(71)Name of Applicant :
(31) Priority Document No	:10/700,039	1)DRESSER, INC.
(32) Priority Date	:03/11/2003	Address of Applicant :11th Floor, Millennium I,15455 Dallas Parkway,
(33) Name of priority country	:U.S.A.	Addision, TX 75001, United States of America U.S.A.
(86) International Application No	:PCT/US2004/035870	(72)Name of Inventor :
Filing Date	:28/10/2004	1)KLONIS, GEORGE, P.
(87) International Publication No	:WO 2005/045212	2)THOMPSON, MICHAEL, PAUL
(61) Patent of Addition to Application Number	:NA	3)DRAEGER, WILLIAM, A
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19No of Claims : 23

(57) Abstract :
An internal combustion engine includes a cylinder head (10) defining at least a portion of a main combustion chamber (14). The main combustion chamber (14) is adapted to receive a dilute combustion mixture. An auxiliary combustion cavity (36) in the head has an open end in fluid communication with the combustion chamber (14). The auxiliary combustion cavity (36) is adapted to receive a portion of the dilute combustion mixture from the combustion chamber through the open end such that substantially all of the dilute combustion mixture received in the auxiliary combustion cavity is the dilute combustion mixture received from the combustion chamber (14). In some embodiments, an ignition source (18) resides in the auxiliary combustion cavity (36) at an end opposite the open end. An apertured member (42) is adjacent to the ignition source (18) and has one or more apertures (46) therein. The apertures (46) are operable to allow passage of the combustion mixture to the ignition source (18) and, upon ignition of the dilute combustion mixture in the auxiliary combustion cavity (36), jet a portion of the ignited dilute combustion mixture into the main combustion chamber (14).

(54) Title of the invention : "PRODUCTION OF TITANIA"

(51) International classification :C22B 3/08 (31) Priority Document No :2003905710 (32) Priority Date :17/10/2003 (33) Name of priority country :Australia (86) International Application No :PCT/AU2004/001421 Filing Date :15/10/2004 (87) International Publication No :WO 2005/038060 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)BHP BILLITON INNOVATION PTY LTD Address of Applicant :BHP Billiton Centre, 180 Lonsdale Street, Melbourne, Victoria 3000, Australia. Australia (72)Name of Inventor : 1)ROCHE, ERIC, GIRVAN 2)STUART, ALAN, DAVID 3)GRAZIER, PHILIP, ERNEST 4)NICHOLSON, SARAH

No of Pages : 41

No of Claims : 41

(57) Abstract :
A sulfate process for producing titania from titaniferous material is disclosed. The process includes precipitating titanyl sulfate from leach liquors containing acidic solutions of titanyl sulfate. The process is characterised by : (a) multiple stage leaching to produce leach liquors containing acidic solutions of titanyl sulfate; (b) using depleted leach liquor from a titanyl sulfate precipitation reactor in the leach steps; and (c) controlling acid concentration in the leach steps to avoid premature hydrolysis and premature precipitation.

(54) Title of the invention : "OPTIMISED MICRO-ORGANISM STRAINS FOR NADPH-CONSUMING BIOSYNTHETIC PATHWAYS"

(51) International classification	:C12N 9/02	(71)Name of Applicant :
(31) Priority Document No	:0313056	1)MEABOLIC EXPLORER
(32) Priority Date	:06/11/2003	Address of Applicant :Biopole Clermont Limagne, F-63360 Saint
(33) Name of priority country	:France	Beauzire, France. France
(86) International Application No	:PCT/FR2004/002848	(72)Name of Inventor :
Filing Date	:05/11/2004	1)BESTEL-CORRE, GWENAELLE
(87) International Publication No	:WO 2005/047498	2)BIOSART, CEDRIC
(61) Patent of Addition to Application Number	:NA	3)CHATEAU, MICHEL
Filing Date	:NA	4)GONZALEZ, BENJAMIN
(62) Divisional to to Application Number	:NA	5)SOUCAILLE, PHILIPPE
Filing Date	:NA	6)FIGGE, RAINER
		7)ZINK, OLIVIER

No of Pages : 45No of Claims : 13

(57) Abstract :
The invention relates to optimised micro-organism strains for the biotransformation production of molecules having NADPH-consuming biosynthetic pathways. The inventive strains can be used in NADPH-consuming biotransformation methods. Said strains are characterised in that one or more NADPH-oxidising activities are limited.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2163/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : GRID STABILISING SYSTEM

(51) International classification	:H02J 3/14
(31) Priority Document No	:0322278.3
(32) Priority Date	:23/09/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2004/010639
Filing Date	:22/09/2004
(87) International Publication No	:WO 2005/029670
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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SUSSEX BN1 4SG, UNITED KINGDOM. U.K.
(72)**Name of Inventor :**
1)HIRST, DAVID

No of Pages : 36

No of Claims : 7

(57) Abstract :

The invention provides control of an electric load receiving power from a grid. The frequency of the grid is detected and used to determine a stress level on the grid. A high frequency detection is indicative of too little a load for the electrical power being supplied to the grid and, therefore, a low stress condition. A high stress condition may exist if there is too much load for the power being supplied to the grid. Adjustment of the power consumption of the load is prevented if the high and/or low stress states is determined. If a critical high or low stress condition is determined, the load is either prevented from consuming power completely or the load is set to a maximum power consumption state, respectively. The benefits of the invention are increased if the device is combined with a load controller which operates to control power consumption based on grid frequency and a variable, which, for the particular load, is to be kept within controlled limits.

(54) Title of the invention : "HUMAN INTERFACE SYSTEM"

(51) International classification	:G06F 3/023	(71) Name of Applicant :
(31) Priority Document No	:10/699,555	1)ZEETOO INC.
(32) Priority Date	:31/10/2003	Address of Applicant :P.O.BOX 882, BEDFORD MA 01730, USA.
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2004/036163	(72) Name of Inventor :
Filing Date	:29/10/2004	1)BETH MARCUS
(87) International Publication No	:WO 2005/043371	2)DAVID W. LEE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 52

No of Claims : 53

(57) Abstract :

A human interface configured to optimize a biomechanical effect of a human user's opposing thumb and fingers by including, on one surface, one or more software configurable input elements manipulatable by a user's thumb(s) or a stylus, and, on another surface, one or more software configurable selection elements manipulatable by a user's finger(s). A selection element may be a pressure sensor pad configurable to represent delineated active areas that are mapped to one or more input functions. Shape changing media may be provided to permit a user to tactilely discriminate between delineated active areas. Tactile feedback may be provided to a user through palpable detents, vibratory or force producing units. Inputting data may include mapping each selection element to a shift function, mapping each input element to text functions, and using the selection elements to shift between text functions associated with an input element to input a desired text function.

(54) Title of the invention : "MEDICAL BANDAGING PRODUCT"

(51) International classification	:A61F 5/00	(71) Name of Applicant :	
(31) Priority Document No	:PCT/US2003/034239	1)BSN MEDICAL, INC.,	
(32) Priority Date	:29/10/2003	Address of Applicant :5825 CARNEGIE BIVD., CHARLOTTE, NORTH	
(33) Name of priority country	:U.S.A.	CAROLINA 28209-4633, USA. U.S.A.	
(86) International Application No	:PCT/US2003/034239	(72) Name of Inventor :	
Filing Date	:29/10/2003	1)JOHN C. EVANS	
(87) International Publication No	:WO 2005/051249	2)MARTIN O' HARA	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 41

No of Claims : 20

(57) Abstract :

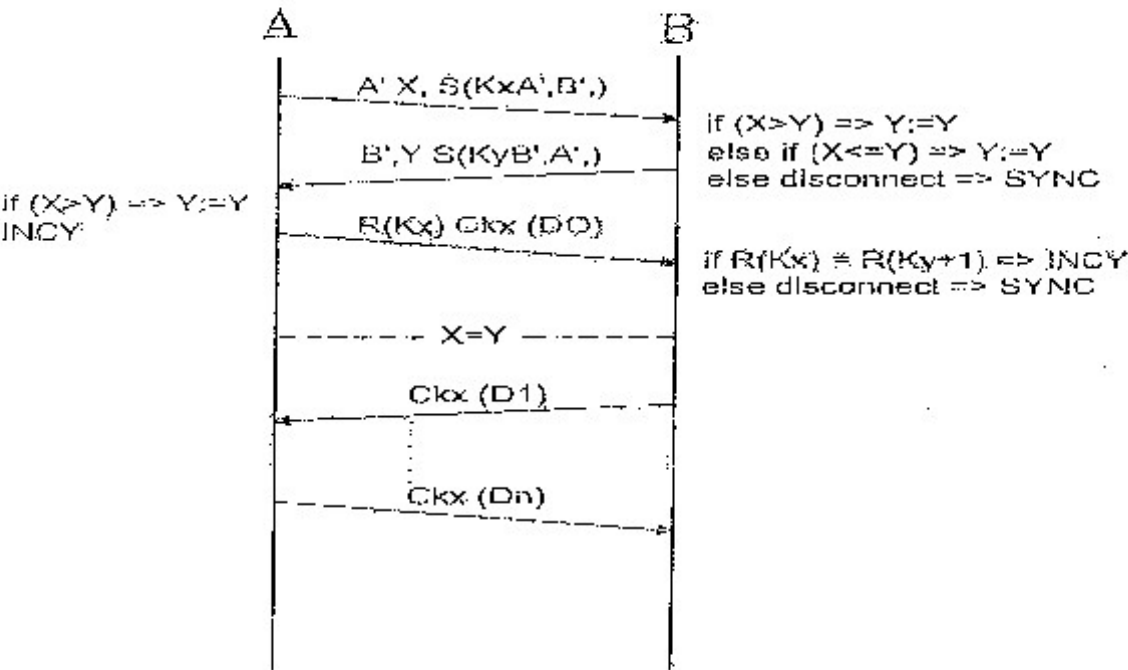
A medical bandaging product fabricated of a rib-knitted fabric constructed of synthetic yarns selected from the group of acrylic, polyesterand polypropylene yarns. An elastic yarn provides elasticity to the fabric, and an effective amount of a water-repelling treatment is applied to the fabric for imparting water-repellent characteristics. The fabric may be used as a cast liner or as a protective wrapping of a splint product.

(54) Title of the invention : "DATA COMMUNICATION SECURITY ARRANGEMENT AND METHOD"

(51) International classification	:H04L 9/12	(71)Name of Applicant :	
(31) Priority Document No	:0302524-4	1)IMPSYS DIGITAL SECURITY AB	
(32) Priority Date	:22/09/2003	Address of Applicant :KUNGSPORTEN 4E, S-427 50 BILLDAL,	
(33) Name of priority country	:Sweden	SWEDEN. Sweden	
(86) International Application No	:PCT/SE2004/001367	(72)Name of Inventor :	
Filing Date	:22/09/2004	1)MATHIAS WIDMAN	
(87) International Publication No	:WO 2005/029763	2)HANS SVENSSON	
(61) Patent of Addition to Application Number	:NA	3)CHRISTER JOHANSSON	
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

No of Pages : 37No of Claims : 41

(57) Abstract :
The present invention relates to a method and arrangement for synchronization of a communication session for encrypted transmission or authentication between at least two communicating units, a first unit and a second unit communicating via a communication channel. Each unit comprises a session counter (X, Y). The method comprises a handshake procedure whereby the synchronization of session counters is obtained by successively communicated signatures between said communicating units.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2167/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "PROCESS FOR THE PREPARATION OF 1-OCTENE"

(51) International classification	:C07C 2/40
(31) Priority Document No	:MI2003A002085
(32) Priority Date	:27/10/2003
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2004/011460
Filing Date	:11/10/2004
(87) International Publication No	:WO 2005/047217
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)POLIMERI EUROPA S.P.A.
Address of Applicant :Via E. Fermi 4, I-72100 Brindisi, Italy. Italy
(72)**Name of Inventor :**
1)DANIELE DELLEDONNE
2)FRANCO RIVETTI

No of Pages : 22

No of Claims : 17

(57) Abstract :

Process in two steps for the preparation of 1-octene starting from butadiene which comprises: a first step (a) in which the bis-hydrodimerization of butadiene to 1,7 octadiene is effected in the presence of a catalyst based on a palladium complex containing one or more tri-substituted monodentate phosphines. in an aprotic polar solvent optionally containing an organic base; a second step (b) in which the partial catalytic hydrogenation of 1,7-octadiene to 1-octene is effected, the above process being characterized in that (i) in the first step the aprotic polar solvent is selected from disubstituted cyclic ureas; (ii) in the second step the catalyst is selected from non supported ruthenium complexes having general formula (I I): RuX_mLn (II').

(54) Title of the invention : "DOOR LOCK WITH CONTROLLABLE HANDLE OPERATION."

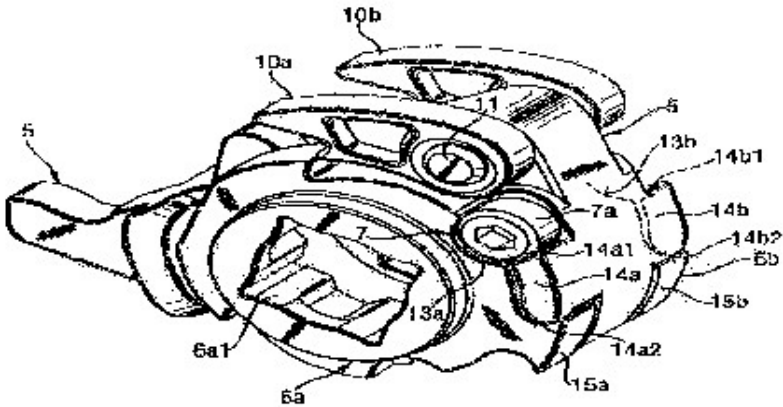
(51) International classification	:E05B 47/06	(71)Name of Applicant :	
(31) Priority Document No	:20031579	1)ABLOY OY	
(32) Priority Date	:30/10/2003	Address of Applicant :WAHLFORSSINKATU 20, FI-80100 JOENSUU,	
(33) Name of priority country	:Finland	FINLAND. Finland	
(86) International Application No	:PCT/FI2004/000582	(72)Name of Inventor :	
Filing Date	:05/10/2004	1)PETRI TIRKKONEN	
(87) International Publication No	:WO 2005/042886	2)JUHA RAATIKAINEN	
	A1		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 20

No of Claims : 6

(57) Abstract :

A door lock with controllable handle operation including a bolt (3), a follower (5) for moving the bolt and an operation axis (4), on both ends of which an actuator can be installed for operating the follower (5), whereby force transmission from either side of the lock to the follower (5) is established by means of movable coupling members (10a, 10b), which are controlled by a solenoid arrangement (8, 9) or the like, and in which the follower (5) is provided with two separate torsion units (6a, 6b) installed on the operation axis (4) on different sides of the follower (5) and turnably secured thereto, which units can be connected to force transmission with the follower (5) by utilising said coupling members (10a, 10b). The door lock comprises a selecting member (7) movable from one lock side to the other, which member retains the torsion unit (6a, 6b) selected in each case to be unturnable with respect to the follower (5), so that force transmission from the operation axis (4) to the follower (5) is connected on that particular side of the lock, and on the other side of the lock, force transmission from the operation axis (4) to the follower (5) can be selectively either connected or disconnected by means of said coupling members (10a, 10b) under the control of the solenoid arrangement (8,9).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2169/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "HIGH-SPEED MEDIA ACCESS CONTROL AND DIRECT LINK PROTOCOL"

(51) International classification	:H04L 12/06
(31) Priority Document No	:60/511,904
(32) Priority Date	:15/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/034259
Filing Date	:15/10/2004
(87) International Publication No	:WO 2005/039105
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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92121-1714 (USA) U.S.A.
(72)**Name of Inventor :**
1)J. RODNEY WALTON,
2)SANJIV NANDA,

No of Pages : 130

No of Claims : 34

(57) Abstract :

Techniques for MAC processing for efficient use of high throughput systems that may be backward compatible with various types of legacy systems are disclosed. In one aspect, a data frame is formed comprising a common portion for transmission in a format receivable by various stations, such as access points and remote stations. The data frame also comprises a dedicated portion, formatted for transmission to a specified remote station. In another aspect, the common portion is unsteered, and the dedicated portion is steered. In another aspect, an access point schedules an allocation in response to a data indication included in a common portion of a data frame transmitted from one remote station to another. In another aspect, a first station transmits a reference to a second station, which measures the reference and generates feedback therefrom.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2170/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "PHASED ARRAY ANTENNA SYSTEM WITH CONTROLLABLE ELECTRICAL TILT."

(51) International classification	:H01Q 1/24
(31) Priority Document No	:0325987.6
(32) Priority Date	:07/11/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/004586
Filing Date	:29/10/2004
(87) International Publication No	:WO 2005/048401
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :Registered Office, 18 Upper Grosvenor Street,
London W1K 7PW, Great Britain. U.K.

(72)**Name of Inventor :**
1)LOUIS, DAVID, THOMAS,
2)PHILIP, EDWARD, HASKELL,

No of Pages : 38

No of Claims : 18

(57) Abstract :

A phased array antenna system with controllable electrical tilt generates two signals V2a and V2b with variable relative delay therebetween. The signals are converted into antenna element drive signals by a power distribution network (100). The network (100) splits each of the two signals V2a and V2b into three signal components. Pairs of components of different signals are input to respective (180) hybrid coupling devices (hybrids) (110, 112 and 114), which provide vector sums and differences of their inputs and act as phase-to-power converters. Their outputs are distributed between further (180) hybrids (116, 118 and 120), which act as power-to-phase converters and provide antenna element drive signals with phase varying both with element array position and also with the variable relative delay between the two signals V2a and V2b. Antenna electrical tilt is therefore controllable by altering a single relative delay.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2172/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "PROCESS FOR PRODUCING 1-OCTENE FROM BUTADIENE IN THE PRESENCE OF TITANIUM CATALYSTS"

(51) International classification	:C07C 2/40
(31) Priority Document No	:MI2003A002084
(32) Priority Date	:27/10/2003
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2004/011461
Filing Date	:11/10/2004
(87) International Publication No	:WO 2005/047218
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)FRANCO RIVETTI

No of Pages : 24

No of Claims : 21

(57) Abstract :

A method is described for the preparation of 1-octene starting from butadiene, wherein in a first step (a) the bis-hydrodimerization of butadiene to 1,7-octadiene is effected in the presence of a catalyst based on palladium containing one or more tri-substituted monodentate phosphines, in an aprotic polar solvent, in a second step (b) the partial catalytic hydrogenation of 1,7-octadiene to 1-octene is effected in the presence of a titanium compound activated with one or more metal alkyls of group 13 (selected from boron, aluminum, gallium, indium).

(54) Title of the invention : "PYRIJMIDIN-4-YL-3,4-THIONE COMPOUNDS AND THEIR USE IN THERAPY"

(51) International classification :C07D 417/14		(71)Name of Applicant :
(31) Priority Document No :0324599.0		1)CYCLACEL LIMITED
(32) Priority Date :21/10/2003		Address of Applicant :6-8 Underwood Street, London N1 7JQ, Great Britain. U.K.
(33) Name of priority country :U.K.		(72)Name of Inventor :
(86) International Application No :PCT/GB2004/004465		1)SHUDONG WANG
Filing Date :21/10/2004		2)GAVIN WOOD
(87) International Publication No :WO 2005/042525		3)KENNETH W. DUNCAN
(61) Patent of Addition to Application Number :NA		4)CHRISTOPHER MEADES
Filing Date :NA		5)DARREN GIBSON
(62) Divisional to to Application Number :NA		6)JANICE, C. MCLACHLAN,
Filing Date :NA		7)ALEX PERRY
		8)DAVID BLAKE
		9)DANIELLA I. ZHELEVA
		10)PETER M. FISCHER

No of Pages : 100No of Claims : 38

(57) Abstract :
The present invention relates to compounds of formula: (I), or pharmaceutically acceptable salts thereof, wherein R1 and R5 are each independently H, C(ORjâ€™™) or a hydrocarbyl group optionally substituted by one or more R6 groups; R2, R3, and R4 are each independently H, alkyl or alkenyl, each of which may be optionally substituted with one or more R7 groups; R6 and R7 are each independently halogen, NO2, CN, (CH2)mORa, O(CH2)nORb, (CH2)pNRcRd, CF3, COORe, CONRfRg, CORh, SO3H, SO2Ri, SO2NRjRk, (CH2)qNRaâ€™™CORgâ€™™, Rfâ€™™, (CH2)rNRbâ€™™SO2Rhâ€™™, SO2NRdâ€™™Riâ€™™, SO2NRe"(CH2)s,ORc", heterocycloalkyl or heteroaryl, wherein said heterocycloalkyl and heteroaryl may be optionally substituted by one or more substituents selected from aralkyl, sulfonyl, Rm and CORn; Rg", Rh", Ri" and Rj" are each independently selected from alkyl, aryl, aralkyl and heteroaryl, each of which may be optionally substituted with one or more substituents selected from halogen, OH, NO2, NH2 CF3 and COOH; m, p, q and r are each independently 0, 1, 2 or 3; n and s are each independently 1, 2, or 3; and Ra-n and Ra"-f" are each independently H or alkyl. Further aspects of the invention relate to pharmaceutical compositions comprising such compounds, and their use in the preparation of a medicament for treating one or more of the following: a proliferative disorder, a viral disorder, a CNS disorder, a stroke, alopecia and diabetes.

(54) Title of the invention : "SYSTEM FOR CONTROLLING INFORMATION RELATING TO A VEHICLE"

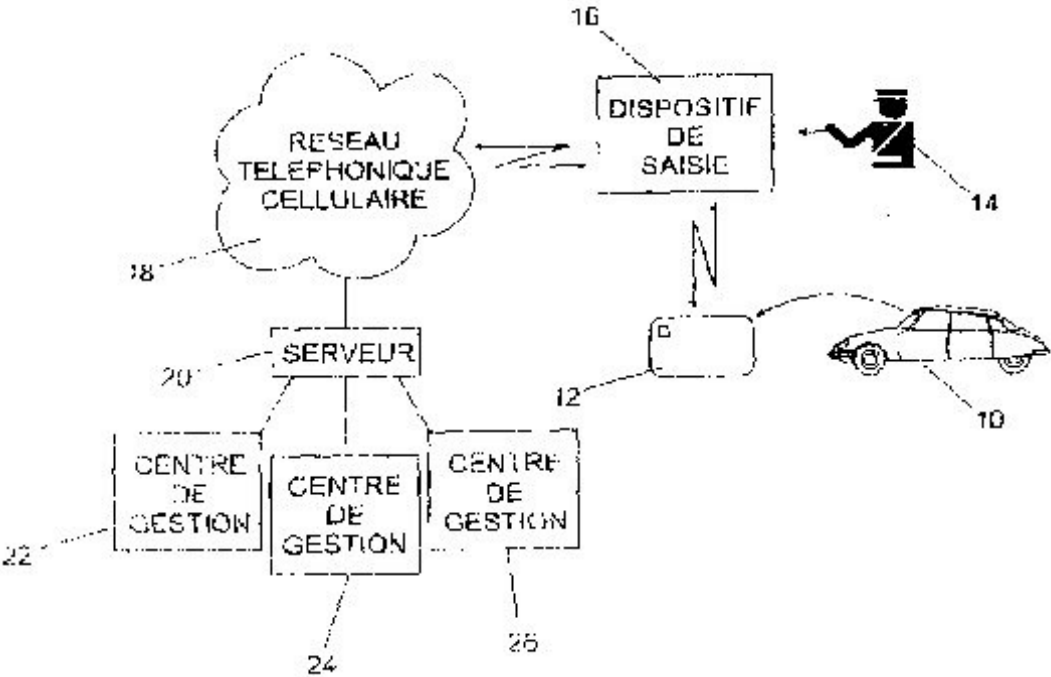
(51) International classification	:G07C 5/08	(71)Name of Applicant :	
(31) Priority Document No	:NA	1)PAUL GRISON	
(32) Priority Date	:NA	Address of Applicant :LE FIGOURNAS 138, AVENUE DE LA COLLE,	
(33) Name of priority country	:NA	F-06800 CAGNES SUR MER, FRANCE. France	
(86) International Application No	:PCT/FR2004/002697	(72)Name of Inventor :	
Filing Date	:21/10/2004	1)PAUL GRISON	
(87) International Publication No	:WO 2005/041133		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

No of Pages : 18

No of Claims : 10

(57) Abstract :

The invention is concerned with a system for controlling information relating to a vehicle (10), in which a chip card, including information relating to criteria the vehicle must meet, according the regulations in force, may be read by any authorised person (14), in order to control static and/or dynamic information relating to the vehicle by means of a data input device. Said chip card is a contactless chip card (12), permanently arranged inside the vehicle and the data input device (16) includes a contactless card reader, for remotely reading the in formation which is stored in the card and a display screen, on which input information is displayed.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2175/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "A LIGHTWEIGHT AND THERMALLY STABLE METROLOGY INSTRUMENT FOR A COORDINATE POSITION APPARATUS AND METHOD OF MANUFACTURE OF SAID INSTRUMENT"

(51) International classification	:G12B 21/24
(31) Priority Document No	:0324519.8
(32) Priority Date	:21/10/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/004489
Filing Date	:21/10/2004
(87) International Publication No	:WO 2005/043552
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :NEW MILLS, WOTTON-UNDER-EDGE,
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1)STEPHEN PAUL HUNTER
2)HUGO GEORGE DERRICK
3)DAVID ROBERTS MCMURTRY

No of Pages : 26

No of Claims : 25

(57) Abstract :

A metrology instrument, such as a probe, probe head, stylus or stylus arm, for mounting on a coordinate position apparatus. The metrology instrument is at least partially constructed from at least one sheet of thermally stable metallic material with a low coefficient of thermal expansion, which is folded to form a three dimensional structure. The at least one sheet of thermally stable material is utilised in the metrology loop of the metrology instrument. In this way a lightweight and thermally stable metrology instrument can be constructed.

(54) Title of the invention : "CYANINE DYE LABELLING REAGENTS"

(51) International classification	:C07D 209/24
(31) Priority Document No	:60/516,428
(32) Priority Date	:31/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2004/004573
Filing Date	:29/10/2004
(87) International Publication No	:WO 2005/044923 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)RICHARD MARTIN WEST**2)NIGEL BOSWORTH****3)RATNAKAR B. MUJUMDAR**

No of Pages : 62

No of Claims : 16

(57) Abstract :

Disclosed are cyanine dyes that are useful for labeling and detecting biological and other materials. The dyes are of formula (I) in which groups RJ and R4 are attached to the Z1 ring structure and groups R5 and R6 are attached to the Z2 ring structure, and si = 1, 2 or !; /} and /.} independently represent the carbon atoms necessary to complete a one ring, or two-fused ring aromatic system; at least one of groups R1, R;, R', R4 , R5 , R6 and R7 is the group -E-F where Eis a single bond or a spacer group and F is a target bonding group; one or more of groups R", Ru , R1J and R14 are independently selected from the group -(CH2)irW, where W is sulphonic acid or phosphonic acid and k is an integer from 1 to 10. The dyes may be used in fluorescence labeling applications, where the presence of one and preferably multiple water solubilising groups attached to the 3-position of the indolinium ring reduces dye-dye interactions, and hence dye dye quenching, particularly where multiple dye molecules are attached to components such as nucleic acids, oligonucieotides, proteins and antibodies.

(54) Title of the invention : DEVICE FOR ESTIMATION OF BRINE DENSITY

(51) International classification

:G01N9/00

(31) Priority Document No

:IB02/05609

(32) Priority Date

:23/12/2002

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:IB02/05609

Filing Date

:23/12/2002

(87) International Publication No

:WO/2004/057310

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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No of Pages : 11

No of Claims : 14

(57) Abstract :

The present invention relates to a novel device that enables a person to gauge the brine density in solar salt works from afar without recourse to sampling of the brine. The device— which can be considered as an improvisation over the conventional laboratory type Baume meter— can be placed directly in the salt pan. The device remains sunk, and therefore invisible, until the desired density of brine is approached. Thereafter it gradually floats up and becomes visible from afar. From appropriate markings on the rod connected to the top end of the device, it can be gauged whether the brine is yet to attain the desired density, or has attained the desired density range, or has exceeded the desired density range. The device is resistant to corrosion and able to combat extreme weather conditions prevailing in solar salt works. The control of brine density from afar helps eliminate the need for frequent sampling of brine for density measurement that would make adherence to the optimum process of salt production easier. The methodology can be extended to production of other marine chemicals such as carnallite and kainite.

(54) Title of the invention : "OXIDATION PROCESS AND CATALYST"

(51) International classification	:B01J	(71)Name of Applicant :
(31) Priority Document No	:10/714,378	1)SD LIZENZVERWERTUNGSGESELLSCHAFT MBH & CO. KG
(32) Priority Date	:10/11/2003	Address of Applicant :Lenbachplatz 6, 80333 Munchen (Germany).
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/US2004/037274	(72)Name of Inventor :
Filing Date	:09/11/2004	1)NABIL RIZKALLA,
(87) International Publication No	:WO 2005/046856	2)VIJAY S. BHISE,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 3

(57) Abstract :

Ethylene is oxidized by contact at oxidizing conditions with an admixture of a solid particulate catalyst and a solid particulate alkali metal i treated inert.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2192/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "DENSE MORTAR BASED ON BINARY ETTRINGITE BINDER, COMPRISING AT LEAST ONE POLY(ALKYLENE OXIDE) COMB POLYMER AND AT LEAST ONE STRUCTURING ORGANIC RESIN"

(51) International classification	:C04B 28/06
(31) Priority Document No	:03.50728
(32) Priority Date	:23/10/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2004/050529
Filing Date	:22/10/2004
(87) International Publication No	:WO 2005/040062
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)LORIS AMATHIEU
2)BRUNO TOUZO
3)LIONEL RAYNAUD,
4)DINA GAUTHIER,

No of Pages : 40

No of Claims : 28

(57) Abstract :

This invention relates to a dense mortar based on an ettringite binder, and comprising at least one poly(alkylene oxide) comb polymer (PCP), the dense mortar preferably presenting a water/solids weight ratio lower than 0.5, said binder comprising a calcium aluminates mineral compound and calcium sulphate.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2194/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "A CLEANING AND MULTIFUNCTIONAL COATING COMPOSITION CONTAINING AN ORGANOSILANE QUATERNARY COMPOUND AND METHODS OF USING"

(51) International classification	:C09D 183/04
(31) Priority Document No	:10/698,313
(32) Priority Date	:31/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/030778
Filing Date	:21/09/2004
(87) International Publication No	:WO 2005/0042657
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RESOURCE DEVELOPMENT L.L.C
Address of Applicant :14641 N. 74th Street, Scottsdale, AZ 85260 (USA).
U.S.A.
(72)**Name of Inventor :**
1)HOWARD G. OHLHAUSEN
2)JEROME H. LUDWIG

No of Pages : 47

No of Claims : 25

(57) Abstract :

Cleaning and multifunctional coating compositions containing hydrogen peroxide and an organosilane quaternary compound in aqueous formulations are used to improve water and soil repellency and residual antimicrobial activity. Various surfaces may be treated including metal, glass, plastics, rubber, porcelain, ceramic, marble, granite, cement, tile, sand, silica, enameled appliances, polyurethane, polyester, polyacrylic, melamine/phenolic resins, polycarbonate, siliceous, painted surfaces, wood, and the like.

(54) Title of the invention : "MEDICAL BANDAGE PRODUCT AND SUBSTRATE WITH PARA-ARMIND FIBER REINFORCEMENT"

(51) International classification	:A61F	(71)Name of Applicant :	
(31) Priority Document No	:60/513,873	1)BSN MEDICAL, INC.	
(32) Priority Date	:23/10/2003	Address of Applicant :Corporation OF 5825 CARNEGIE BLVD.,	
(33) Name of priority country	:U.S.A.	CHARLOTTE, NORTH CAROLINA 28209-4633, USA. U.S.A.	
(86) International Application No	:PCT/US2004/003058	(72)Name of Inventor :	
Filing Date	:04/02/2004	1)JOHN C. EVANS,	
(87) International Publication No	:WO 2005/046512		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 23

No of Claims : 19

(57) Abstract :

A medical bandaging product for being dispensed in predetermined lengths suitable for a given medical use, and includes an elongate sleeve formed of moisture-impervious material and sealable to prevent entry of moisture and an elongate medical material positioned in the sleeve and sealed therein against entry of moisture until use. The medical material includes a substrate formed of a single thickness layer formed of first yarns. The second yarns are integrated into the single thickness layer of the first yarns. The second yarns are high-strength, high modulus fibers for increasing the strength and dimensionally stabilizing the substrate. A reactive system is impregnated into or coated onto the substrate, the system remaining stable when maintained in substantially moisture-free conditions and hardening upon exposure to sufficient moisture to form a rigid, self supporting structure, A soft, flexible protective wrapping encloses the substrate along its length to provide a cushioning barrier between the substrate and the skin of a patient when the material is in use. A clip or other closure devices is provided for resealing the sleeve against entry of moisture after a predetermined length of the bandaging product has been dispensed for use to prevent hardening of the substrate remaining in the sleeve.

(54) Title of the invention : "METHOD FROM THE SELECTION OF BIOMOLECULES FROM BIOMOLECULE VARIANT LIBRARIES"

(51) International classification	:C12N 15/10
(31) Priority Document No	:103 50 474.5
(32) Priority Date	:23/10/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2004/002386
Filing Date	:22/10/2004
(87) International Publication No	:WO 2005/040376
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :****1)C-LECTA GMBH,**

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Germany

(72)**Name of Inventor :****1)THOMAS GREINER-STOFFELE,****2)MARC STRUHALLA,**

No of Pages : 33

No of Claims : 15

(57) Abstract :

The invention relates to a method from the selection of biomolecules from variant libraries, in particular of biocatalytically active biomolecules, comprising the steps: a) production of a variant library, b) division of the library into a number of compartments, which is smaller than the total number of variants in the variant library by a factor of at least 10, c) production and testing of the biomolecules in the individual compartments for a particular property, for example, a biocatalytic activity, d) selection of at least one compartment I in which there are biomolecules fulfilling the desired property, e) division of the partial library contained in the selected compartment into further compartments and f) 17-fold repetition of the steps c) to e) until each compartment contains only one variant of the gene sequence coding for the biomolecule. In contrast to established methods which comprise mutagenesis and selection steps, said method starts with a large library in which the desired variant is contained from the outset.

(54) Title of the invention : "METHOD AND APPARATUS FOR DEPOSITING MATERIAL INCREASING THE LATERAL. RESOLUTION OF ORGANIC VAPOR JET DEPOSITION BY USING A CONFINING GUARD FLOW"

(51) International classification :C23C 14/04
 (31) Priority Document No :10/690,704
 (32) Priority Date :23/10/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/034974
 Filing Date :22/10/2004
 (87) International Publication No :WO/2005/043641
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

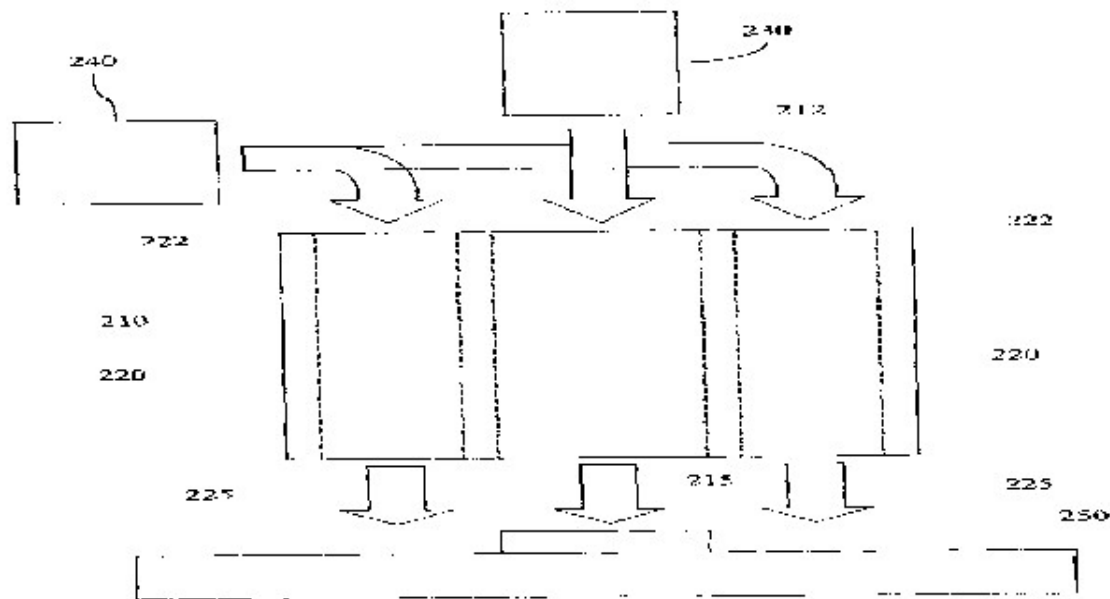
(71)Name of Applicant :
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 U.S.A.
 (72)Name of Inventor :
1)MAX SHTEIN
2)STEPHEN R. FORRES
3)JOE MICHELS

No of Pages : 38

No of Claims : 32

(57) Abstract :

A method of depositing organic material is provided. A carrier gas carrying an organic material is ejected from a nozzle at a flow velocity that is at least 10 % of the thermal velocity of the carrier gas, such that the organic material is deposited onto a substrate. In some embodiments, the dynamic pressure in a region between the nozzle and the substrate surrounding the carrier gas is at least 1 Torr, and more preferably 10 Torr, during the ejection. In some embodiments, a guard flow is provided around the carrier gas. In some embodiments, the background pressure is at least about $10e-3$ Torr, more preferably about 0.1 Torr, more preferably about 1 Torr, more preferably about 10 Torr, more preferably about 100 Torr, and most preferably about 760 Torr. A device is also provided. The device includes a nozzle, which further includes a nozzle tube having a first exhaust aperture and a first gas inlet; and a jacket surrounding the nozzle tube, the jacket having a second exhaust aperture and a second gas inlet. The second exhaust aperture completely surrounds the first tube aperture. A carrier gas source and an organic source vessel may be connected to the first gas inlet. A guard flow gas source may be connected to the second gas inlet. The device may include an array of such nozzles.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2200/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : FLAME RETARDANT UV CURED BUFFERED OPTICAL FIBERS AND BUFFER COMPOSITION

(51) International classification :C03C 25/10

(31) Priority Document No :60/512,125

(32) Priority Date :17/10/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/NL2004/000730

Filing Date :15/10/2004

(87) International Publication No :WO 2005/035461

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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2)DAKE, Kenneth

3)HAWKINSON, Kelly, An

4)JACK, Kelly

5)MURPHY, Edward, Joseph

No of Pages : 42

No of Claims : 46

(57) Abstract :

An optical fiber comprising a flame retardant UV light-curable tight-buffer coating coated onto the fiber, wherein said tight-buffer coating is substantially halogen-free, and has a limiting oxygen index of at least about 22 %, and wherein said tight-buffer coating is removable from said fiber with a strip-force of less than about 1800 grams when the fiber is upjacketed with said coating at a line speed of at least 300 m/min.

(54) Title of the invention : "LOW EXTRACTABLE, THERMOPLASTIC SYRINGE AND TIP CAP"

(51) International classification	:A61M 5/31
(31) Priority Document No	:60/507,137
(32) Priority Date	:01/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/032492
Filing Date	:30/09/2004
(87) International Publication No	:WO 2005/032627
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

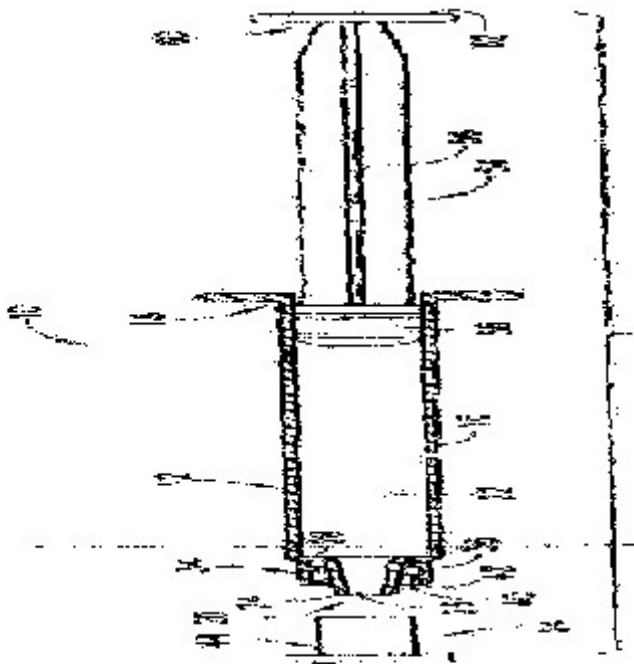
1)HETZLER, KEVIN**2)GROSKOPF, ROGER**

No of Pages : 40

No of Claims : 36

(57) Abstract :

A prefilled syringe and syringe assembly (10) having a syringe and a tip cap (14) are produced from materials that do not interfere with the substance contained in the syringe and enable long term storage. The tip cap (14) is made from a blend of a cyclic olefin polymer or copolymer and a thermoplastic elastomer. The thermoplastic elastomer is blended with the cyclic olefin copolymer in an amount so that the normally stiff and hard cyclic olefin copolymer is flexible and resilient to effectively seal and couple to the tip (24) of a prefilled syringe.



(54) Title of the invention : "AN INHALER"

(51) International classification	:A61M 15/08	(71)Name of Applicant :
(31) Priority Document No	:PA 2003 01547	1)DIRECT-HALER A/S
(32) Priority Date	:21/10/2003	Address of Applicant :AlÅ~kken 44, DK-5250 Odense SV, DENMARK.
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2004/000701	(72)Name of Inventor :
Filing Date	:14/10/2004	1)KELDMANN, Troels
(87) International Publication No	:WO 2005/037354	2)KELDMANN, Erik
(61) Patent of Addition to Application Number	:NA	3)PALLOTTA, Teresa
Filing Date	:NA	4)MEOLI, Flavio
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 39

No of Claims : 18

(57) Abstract :

An inhaler comprising a tubular body (1) defining a tubular air flow passage with a bendable section, preferably a U-shaped section comprising peripherally extending corrugations and means for supplying a dose of at least one active inhalable, particulate substance into the flow passage and a cap (2). According to the invention the dose of the at least one active, inhalable particulate substance is placed in the cap (2) to be released from said cap substantially at the beginning of the corrugations in the intake direction.

(54) Title of the invention : "ALUMINUM CONDUCTOR COMPOSITE CORE REINFORCED CABLE AND METHOD OF MANUFACTURE"

(51) International classification	:B65H	(71)Name of Applicant :
(31) Priority Document No	:10/691,447	1)COMPOSITE TECHNOLOGY CORPORATION
(32) Priority Date	:22/10/2003	Address of Applicant :2026 McGaw Ave., Irvine, California 92614,
(33) Name of priority country	:U.S.A.	U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/035201	(72)Name of Inventor :
Filing Date	:22/10/2004	1)HIEL, CLEMENT
(87) International Publication No	:WO/2005/040017	2)KORZENIOWSKI, GEORGE
(61) Patent of Addition to Application Number	:NA	3)BRYANT, DAVID
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 14

(57) Abstract :
This invention relates to an aluminum conductor composite core reinforced cable (ACCC) and method of manufacture. An ACCC cable 300 has a composite core surrounded by an outer film 305 and at least one layer of aluminum conductor 306. The composite core 303 comprises a plurality of fibers from at least one fiber type in one or more matrix materials. According to the invention, unique processing techniques such a B-Staging and / or film-coating techniques can be used to increase production rates from a few feet per minute to sixty or more feet per minute.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2205/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "CONTROL OF HOT ROLLED PRODUCT CROSS SECTION UNDER LOCALIZED TEMPERATURE DISTURBANCES"

(51) International classification	:B21B 37/52
(31) Priority Document No	:10/690,166
(32) Priority Date	:21/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2004/004396
Filing Date	:19/10/2004
(87) International Publication No	:WO 2005/0039790
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PONG, DAVID, TENG
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(72)**Name of Inventor :**
1)PONG, DAVID, TENG
2)MAYLOR, THOMAS, GEORGE
3)RAFTSJO, ERIK, MATS

No of Pages : 14

No of Claims : 15

(57) Abstract :

A method of rolling a continuous welded billet having weld joints at successive locations along the billet and wherein the continuous welded billet is advanced through roll pairs of successive roll stands. The rolling conditions in two successive stands are adjusted so that when a weld joint is between the two stands compression is produced at the weld joint causing an increase of cross-sectional area at the weld joint. The rolling condition involves superimposing an increase in roll speed in the upstream roll stand compared to the downstream roll stand based on tracking information of the weld joint.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2206/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "2-AMINOARYLOXAZOLE COMPOUNDS AS TYROSINE KINASE INHIBITORS"

(51) International classification	:C07D 263/48
(31) Priority Document No	:60/513,214
(32) Priority Date	:23/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2004/003698
Filing Date	:22/10/2004
(87) International Publication No	:WO 2005/040139
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)AB SCIENCE

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3)INSTITUT CURIE

(72)Name of Inventor :

1)MOUSSY, Alain

2)WERMUTH, Camille

3)GRIERSON, David

4)BENJAHAD, Abdellah

5)CROISY, Martine

6)CIUFOLINI, Marco

7)GIETHLEN, Bruno

No of Pages : 71

No of Claims : 22

(57) Abstract :

The present invention relates to novel compounds selected from 2-aminoaryloxazoles of formula I that selectively modulate, regulate, and/or inhibit signal transduction mediated by certain native and/or mutant tyrosine kinases implicated in a variety of human and animal diseases such as cell proliferative, metabolic, allergic, and degenerative disorders. More particularly, these compounds are potent and selective c-kit, bcr-abl, FGFR3 and/or Flt-3 inhibitors.

(54) Title of the invention : "FACILITATING MICROPAYMENTS BETWEEN A PLURALITY OF PARTIES."

(51) International classification	:G06F 17/60	(71) Name of Applicant :
(31) Priority Document No	:NA	1)EBAY INC.
(32) Priority Date	:NA	Address of Applicant :2145 Hamilton Avenue, San Jose, CA 95125
(33) Name of priority country	:NA	(USA). U.S.A.
(86) International Application No	:PCT/US2003/035950	(72) Name of Inventor :
Filing Date	:10/11/2003	1)OMIDYAR, Pierre, M.
(87) International Publication No	:WO/2005/048152	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 39

No of Claims : 60

(57) Abstract :

A method and a system facilitate micropayments between a plurality of parties (Figure 3). A first plurality of micropayment commitments made by a first party are registered (70), the first plurality of payment commitments contributing towards a total commitment payable value for the first party. A second plurality of payment commitment made to a second party is registered (72), the second plurality of payment commitments contributing towards a total commitment receivable value for the second party. The total commitment receivable value for the second party is calculated (78) utilizing a risk indication (81). The total commitment receivable value for the second party is identified as being satisfiable by the total commitment payable value for the first party. Responsive to this determination, a payment process, for payment of the total commitment receivable value by the first party to the second party, is initiated.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2208/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : PHARMACEUTICAL FORMULATIONS CONTAINING QUETIAPINE

(51) International classification	:A61K 31/554
(31) Priority Document No	:60/513,461
(32) Priority Date	:21/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/034743
Filing Date	:21/10/2004
(87) International Publication No	:WO 2005/041935
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :One Executive Drive, Fort Lee, NJ 07024 (USA).
U.S.A.

(72)Name of Inventor :

1)BOEHM, Garth

2)DUNDON, Josephine

No of Pages : 119

No of Claims : 100

(57) Abstract :

The invention provides novel dosage forms of quetiapine and its salts, particularly quetiapine hemifumarate including wax dosage forms, press-coat dosage forms, and sprinkle dosage forms, and other novel dosage forms. The invention also provides sustained release and pulsed release dosage forms of quetiapine and its salts. Methods of making novel quetiapine dosage forms are given. Use of said compositions for the manufacture of medicaments for treating schizophrenia and other neuropsychiatric disorders by administering an effective amount of the dosage forms disclosed herein, either alone or in combination with one or more other medicaments, are also provided by the invention.

(54) Title of the invention : "METHOD FOR PRODUCING ELECTROSTATICALLY NON-CHARGEABLE AND/OR ELECTRICALLY DERIVABLE PLASTIC CONTAINERS, AND PLASTIC CONTAINERS PRODUCED THEREBY"

(51) International classification :C08L 23/08
 (31) Priority Document No :203 16 382.6
 (32) Priority Date :23/10/2003
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2004/011914
 Filing Date :21/10/2004
 (87) International Publication No :WO 2005/040269
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)MAUSER-WERKE GMBH & CO. KG
 Address of Applicant :Schildgesstrasse 71-163, 50321 Bruhl (DE).
 Germany
 (72)**Name of Inventor :**
1)SCHUBBACH, REINHARD
2)SCHMIDT, KLAUS, PETER

No of Pages : 17

No of Claims : 13

(57) Abstract :

The invention relates to a method for producing multi-layered containers from a thermoplastic material (10), said containers being used to store and transport liquid fillers, especially combustible or explosive fillers, and a plastic container produced using said method. The inventive containers are provided with a thin, permanently electrostatically non-chargeable or electric charge-draining outer layer. According to the invention, the permanently electrostatically non-chargeable or electric charge-draining properties of the outer layer are created by adding a defined quantity of a specific compound based on a polymer to the base plastic material of the outer layer and incorporating the same into the plastic material, and the outer layer is thin so that the transparency or translucency of the compounded outer layer is either not affected, or only slightly affected, such that the filling level of a liquid poured into the container remains optically identifiable without taking any other measures.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2314/DEL/2004 A

(19) INDIA

(22) Date of filing of Application :19/11/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PROCESS FOR CAUSING A BODY AT LEAST THE SURFACE OF WHICH IS OF STAINLESS STEEL TO ADHERE TO A COMPOSITION

(51) International classification	:D07B1/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:611/DEL/1996
Filed on	:22/03/1996

(71)**Name of Applicant :**
**1)COMPAGNIE GENERALE DES ETABLISSEMENTS
MICHELIN MICHELIN & CIE**
Address of Applicant :12, COURS SABLON, F-63040 CLERMONT-
FERRAND CEDEX, FRANCE France
(72)**Name of Inventor :**
1)BRUNO GRIMBERG
2)DAVID LENABOUR
3)PATRICE PERSON
4)CORINNE TONON

No of Pages : 42

No of Claims : 19

(57) Abstract :

Process for treating a body of steel to promote its adherence to a composition which includes at least a rubber, containing the following points: a body at least the surface of which is of stainless steel is used, this steel containing at least 0.02% and at most 0.2% carbon, at least 3% and at most 20% nickel, at least 12% and at most 28% chromium, the sum of the nickel and the chromium being at least equal to 20% and at most equal to 35%, all of these percentage values being by weight; the structure of the steel includes at least 20% by volume of martensite and is without austenite or it comprises less than 80% thereof by volume; the surface of the body is activated and then treated with at least one starting silane so that it is covered with a film constituted only, or substantially only, of one or more silanes, in such a manner that this surface treated in this way can be placed directly in contact with the composition. Articles comprising a rubber composition and a metal body which has been treated in accordance with the process of the invention, such articles being for instance tires.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2406/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/05/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "SYSTEM AND METHOD FOR ESTABLISHING A COMMUNICATION BETWEEN A PERIPHERAL DEVICE AND A WIRELESS DEVICE"

(51) International classification	:G06F 13/12
(31) Priority Document No	:10/697,593
(32) Priority Date	:29/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/034412
Filing Date	:15/10/2004
(87) International Publication No	:WO 2005/045608
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 MOREHOUSE DRIVE SAN DIEGO,
CALIFORNIA 92121-1714, USA U.S.A.
(72)**Name of Inventor :**
1)KELLEY BRIAN HAROLD

No of Pages : 29

No of Claims : 32

(57) Abstract :

A system, method and computer program for establishing communication between a peripheral device and programs resident on a wireless computer device. The device has a computer platform with a wireless communication portal and one or more resident programs, and the computer platform includes an operating system that manages wireless device resources and the interaction of the wireless device with other computer devices. When a peripheral device selectively communicates with the computer platform of the wireless device via a wired or wireless communication, the operating system of the wireless device identifies at least the type of peripheral device and links the peripheral device with one or more of the resident computer programs.

(54) Title of the invention : "SYSTEM FOR SELECTIVELY ENABLING OPERATING MODES OF A DEVICE"

(51) International classification :G06F (31) Priority Document No :10/697,354 (32) Priority Date :29/10/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2004/034882 Filing Date :22/10/2004 (87) International Publication No :WO 2005/045611 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :5775 MOREHOUSE DRIVE SAN DIEGO, CA 92121, U.S.A. U.S.A. (72)Name of Inventor : 1)KELLEY BRAIN HAROLD 2)CHANDRASEKHAR RAMESH

No of Pages : 16

No of Claims : 19

(57) Abstract :
System for selectively enabling operating modes of a device. The system includes a method for selectively enabling operating modes of a device during a device initialization, wherein the operating modes comprise a privileged mode and a non-privileged mode. The method includes determining during the device initialization whether the device is to operate in the privileged mode or in both the privileged and non-privileged modes, and enabling the privileged mode if it is determined that the device is to operate only in the privileged mode. The method also includes enabling both the privileged and the non-privileged modes if it is determined that the device is to operate in both the privileged and the non-privileged modes.

(54) Title of the invention : "METHOD, SOFTWARE AND APPARATUS FOR APPLICATION UPGRADE DURING EXECUTION"

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:60/515,802	1)QUALCOMM INCORPORATED
(32) Priority Date	:29/10/2003	Address of Applicant :5775 MOREHOUSE DRIVE SAN DIEGO,
(33) Name of priority country	:U.S.A.	CALIFORNIA 92121-1714, USA. U.S.A.
(86) International Application No	:PCT/US2004/036288	(72)Name of Inventor :
Filing Date	:28/10/2004	1)SPRIGG STEPHEN A.
(87) International Publication No	:WO 2005/043337	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 38

No of Claims : 48

(57) Abstract :

A system and method for optional upgrading of a software application on a wireless device during the execution of the software application. The system includes receiving a request to replace a resident executable application with a different version of the application. The system further includes detecting the active execution of the resident executable application. The system also includes receiving, via a network, the different version of the application. Also, the system includes storing the different version of the application in a temporary location in response to detecting the active execution of the resident executable application. In addition, the system includes terminating the active execution of the resident executable application. The system also includes overwriting the resident executable application with the different version of the application stored in the temporary location. Further, the system includes initiating active execution of the different version of the application.

(54) Title of the invention : "4-SUBSTITUTED IMIDAZOLES"

(51) International classification	:C07D 453/02	(71)Name of Applicant :	
(31) Priority Document No	:0303075-6	1)ASTRAZENECA AB	
(32) Priority Date	:19/11/2003	Address of Applicant :S-151 85 SODERTALJE, SWEDEN, Sweden	
(33) Name of priority country	:Sweden	(72)Name of Inventor :	
(86) International Application No	:PCT/SE2004/001660	1)JAMES EMPFIELD	
Filing Date	:15/11/2004	2)EIFLON PHILLIPS	
(87) International Publication No	:WO 2005/049612	3)SCOTT THRONER	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 26

No of Claims : 22

(57) Abstract :
Compounds of formula I: wherein A and R1 are as defined in the specification, processes for preparing them, pharmaceutical compositions containing them and their use in therapy, especially in the treatment or prophylaxis of psychotic and intellectual impairment disorders.

(54) Title of the invention : "SYRINGE PUMP RAPID OCCLUSION DETECTION SYSTEM"

(51) International classification	:A61M 5/168	(71)Name of Applicant :
(31) Priority Document No	:10/700,738	1)MEDEX , INC.
(32) Priority Date	:04/11/2003	Address of Applicant :2231 RUTHERFORD ROAD, CARLSBAD, CA
(33) Name of priority country	:U.S.A.	92008, UNITED STATES OF AMERICA. U.S.A.
(86) International Application No	:PCT/US2004/034960	(72)Name of Inventor :
Filing Date	:21/10/2004	1)BRIAN POPE
(87) International Publication No	:WO 2005/046768	2)ZHAN LIU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 52

No of Claims : 64

(57) Abstract :
An apparatus, method and program product detects an occlusion in a fluid line (22) by determining if relationship between force measurements departs from an expected relationship.

(54) Title of the invention : "SLIDING RECONSTITUTION DEVICE FOR A DILUENT CONTAINER"

(51) International classification	:A61J 1/20	(71)Name of Applicant :
(31) Priority Document No	:10/744,953	1)BAXTER INTERNATIONAL INC.,
(32) Priority Date	:23/12/2003	Address of Applicant :ONE BAXTER PARKWAY, DF3-3E,
(33) Name of priority country	:U.S.A.	DEERFIELD, ILLINOIS, 60015, U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/040417	(72)Name of Inventor :
Filing Date	:01/12/2004	1)THOMAS A. FOWLES,
(87) International Publication No	:WO 2005/065626	2)ROBERT J. WEINBERG,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 110No of Claims : 87

(57) Abstract :

The present invention provides a connector device or reconstitution device (10) for placing a first container (12), such as a liquid container (e.g. flexible container of syringe), in fluid communication with a second container (14), such as a drug vial. The connector device (10) has a first sleeve (32) having a first end (36) and a second end (38). The first sleeve (32) has at the first end (36), a first attaching member (30) adapted to attach to the liquid container (12). The connector device (10) also has a second sleeve (34) having a first end (48) and a second end (50). A second attaching member (28) is attached on the second end (50) of the second sleeve (34) and is adapted to attach to the second container (14). The second attaching member (28) has a sealing member (84). A piercing member (76) projects within the sleeves (32, 34) for providing a fluid flow path from the first container (12) to the second container (14). The connector device (10) is movable from the inactivated position to the activated position wherein the second sleeve (34) moves axially with respect to the first sleeve (32) and wherein the piercing member places the first container (12) and the second container (14) in fluid communication. The connector device (10) includes structure for preventing premature activation of the connector device (10).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2415/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/05/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "POWDER INHALER"

(51) International classification	:A61M 15/00
(31) Priority Document No	:103 52 277.8
(32) Priority Date	:08/11/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/012535
Filing Date	:05/11/2004
(87) International Publication No	:WO 2005/044353
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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GERMANY. Germany
(72)**Name of Inventor :**
1)HERBERT WACHTEL

No of Pages : 23

No of Claims : 21

(57) Abstract :

(EN) The invention relates to an inhaler for the inhalation of powdery medicaments in a capsule form. Said capsules are inserted, prior to use, into a capsule holder (3) arranged inside the inhaler (3). After the capsule is inserted into the capsule holder, the patient can press the actuating element (8) which can be displaced from a resting position and which co-operates with at least one needle (9) pushed into the capsule holder. The aim of the invention is to further improve said type of inhalers with respect to operational comfort. Said aim is achieved by providing an embodiment of an inhaler wherein the actuating element is embodied as a multifunctional actuating element (8a), thereby enabling the cover (5) of the lower part (1) to pivot when the closing element (6) is inserted into a first functional position, and enabling the mouth piece (4), which is secured to the plate (2), to be removed from the plate in a second functional position in such a manner that the mouth piece can be pivoted away from the lower part.

(54) Title of the invention : "SYSTEM AND METHOD FOR GENERATING REPRODUCIBLE SESSION KEYS."

(51) International classification	:H04L 9/28	(71)Name of Applicant :
(31) Priority Document No	:60/567,611	1)RESEARCH IN MOTION LIMITED,
(32) Priority Date	:03/05/2004	Address of Applicant :295 PHILLIP STREET, WATERLOO, ONTARIO
(33) Name of priority country	:U.S.A.	N2L 3W8, CANADA. Canada
(86) International Application No	:PCT/CA2004/002043	(72)Name of Inventor :
Filing Date	:26/11/2004	1)MICHAEL K. BROWN,
(87) International Publication No	:WO/2005/107140	2)MICHAEL S. BROWN,
(61) Patent of Addition to Application Number	:NA	3)HERBERT A. LITTLE,
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17No of Claims : 18

(57) Abstract :
system and method for generating reproducible session keys in a wireless messaging system. The session key is generated based on a hash of a message itself, optionally concatenated with additional information. Since the local server stores the message, it can easily regenerate the same session key in response to each MORE request. The method of the invention can be implemented with the stored original message, a public key, and an algorithm for generating the session key based on a hash of the message.

(54) Title of the invention : "A RECOMBINANT PROTEIN HAVING AN ANTI-CANCER EFFECT, ITS ENCODING GENE AND USES THEREOF"

(51) International classification	:C12N 15/19	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BEIJING SUNBIO BIOTECH CO., LTD.
(32) Priority Date	:NA	Address of Applicant :SUITE 408, HIGH BUILDING NO. 5, 12
(33) Name of priority country	:NA	ZHONGGUANCUN SOUTH STREET, HAIDIAN DISTRICT, BEIJING
(86) International Application No	:PCT/CN2003/000928	100081, CHINA China
Filing Date	:03/11/2004	(72)Name of Inventor :
(87) International Publication No	:WO 2005/042744	1)BING ZHU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 14

(57) Abstract :

The present invention discloses a recombinant protein having an anti-cancer effect, its encoding gene and uses thereof. The recombinant protein having an anti-cancer effect provided by the present invention is one selected from the group consisting of: 1) a protein having the amino acid sequence of SEQ ID No:2 shown in the sequence listing; 2) a protein derived from SEQ ID No:2, which has a sequence homology of more than 90% with SEQ ID No:2 and which has the same activity as that of SEQ ID No:2; 3) a protein derived from SEQ ID No:2, which is obtained by adding or deleting 15 or less amino acid residues at the N-terminus of the amino acid sequence of SEQ ID No:2, and which has the same activity as that of SEQ ID No:2; 4) a protein derived from SEQ ID No:2, which is obtained by adding or deleting 15 or less amino acid residues at the C-terminus of the amino acid sequence of SEQ ID No:2, and which has the same activity as that of SEQ ID No:2; 5) a protein derived from SEQ ID No:2, which is obtained by substitution, deletion, or addition of one or several amino acid residues in the amino acid sequence of SEQ ID No:2, and which has the same activity as that of SEQ ID No:2. The medicament containing above recombinant protein as active component has significant selective inhibitory effect on tumor cells, and does not induce apoptosis of normal tissue cells, and has important applicable value.

(54) Title of the invention : "DEVELOPMENTS IN BIOLOGICALLY ACTIVE METHYLENE BLUE DERIVATIVES(2)"

(51) International classification :C07D 279/18
 (31) Priority Document No :0327672.2
 (32) Priority Date :28/11/2003
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2004/004918
 Filing Date :22/11/2004
 (87) International Publication No :WO 2005/054217
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)PHOTOPHARMICA LIMITEDAddress of Applicant :Leeds Innovation Centre, 103 Clarendon Road,
Leeds LS2 9DF, Great Britain, U.K.

(72)Name of Inventor :

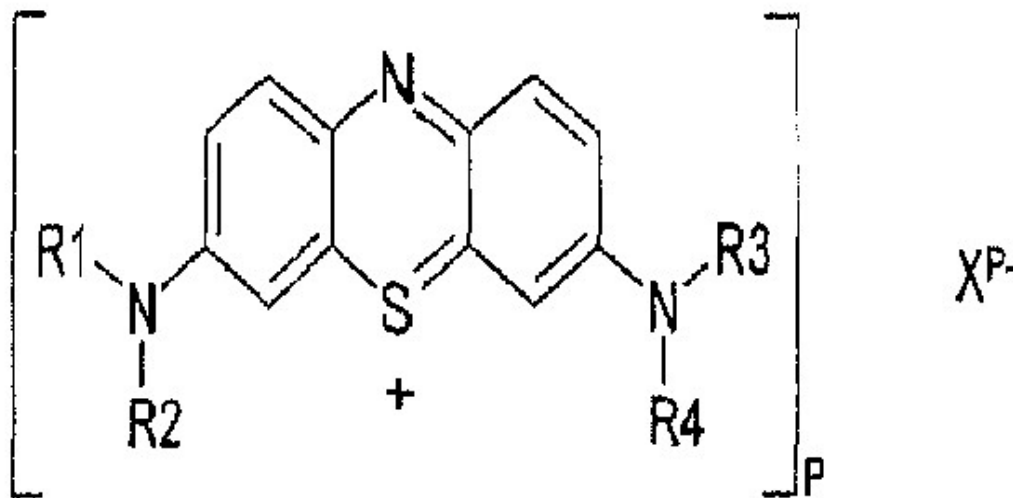
1)STANLEY, BEAMES BROWN,**2)CASSANDRA, CLAIRE, O'GRADY,****3)JOHN GRIFFITHS,****4)KIRSTE, JOANNE, MELLISH,****5)RICHARD, GEORGE TUNSTALL,****6)DAVID, JOHN, HOWARD ROBERTS,****7)DAVID, IAN VERNON,**

No of Pages : 54

No of Claims : 17

(57) Abstract :

A phenothiazinium compound of Formula (I) for use as an antimicrobial agent for the prevention of microbial infections wherein: R1, R2, R3 and R4 each independently is an optionally substituted linear, branched or cyclic hydrocarbon group; or R1 and R2 or R3 and R4 together with the N atom to which they are attached form an optionally substituted 5-, 6- or 1- membered ring; X1 is a counteranion, and P is 1, 2 or 3. The invention also relates to compositions comprising phenothiazinium compounds, to selected compounds and their use as medicaments, as PDT agents, as photodiagnostic agents, to a conjugate or composite formed between a phenothiazinium and a polymer; and to a method for sterilising fluids in which the fluid is passed over the conjugate or composite whilst it is illuminated. The compounds are biologically active photosensitisers which are strongly pholocytotoxic and have application in the areas of photodynamic therapy (PDT), as well as for the diagnosis and detection of medical conditions and related uses in photochemical internalisation, in the production of cancer vaccines, in the treatment and prevention of microbial infections and in photodisinfection or photosensitisation.

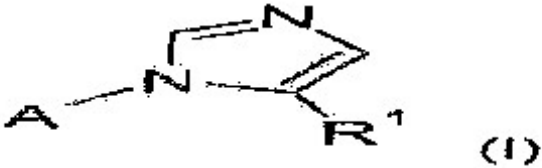


(54) Title of the invention : "5-SUBSTITUTED IMIDAZOLES."

(51) International classification	:C07D 453/02	(71)Name of Applicant :	
(31) Priority Document No	:0303076-4	1)ASTRAZENECA AB	
(32) Priority Date	:19/11/2003	Address of Applicant :S-151 85 SODERTALJE, SWEDEN, Sweden	
(33) Name of priority country	:Sweden	(72)Name of Inventor :	
(86) International Application No	:PCT/SE2004/001659	1)JAMES EMPFIELD	
Filing Date	:15/11/2004	2)EIFLON PHILLIPS	
(87) International Publication No	:WO 2005/049611	3)SCOTT THRONER	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 23No of Claims : 22

(57) Abstract :
Compounds of formula I: wherein A and R1 are as defined in the specification, processes for preparing them, pharmaceutical compositions containing them and their use in therapy, especially in the treatment or prophylaxis of psychotic and intellectual impairment disorders.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2420/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/05/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "METHOD FOR PURIFYING (METH) ACRYLIC ACID OBTAINED BY OXIDISING A GASEOUS SUBSTRATE."

(51) International classification	:C07C 51/48
(31) Priority Document No	:03.12906
(32) Priority Date	:04/11/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2004/002481
Filing Date	:01/10/2004
(87) International Publication No	:WO 2005/054171
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARKEMA,

Address of Applicant :4-8, COURS MICHELET, F-92800 PUTEAUX, FRANCE. France

(72)Name of Inventor :

1)MICHEL FAUCONET

2)DENIS LAURENT,

No of Pages : 31

No of Claims : 16

(57) Abstract :

The aim of the invention is to purify (meth)acrylic acid obtained by the catalytic or redox oxidation of a gaseous substrate constituted of propane and/or propylene and/or of acrolein during the production of acrylic acid, and of isobutane and/or isobutene and/or tert-butyl alcohol and/or of methacrolein during the production of methacrylic acid. To this end: the gaseous reaction mixture is (1) fed to the bottom of an absorption column (C1) which is supplied at the top and in counter-current by at least one heavy hydrophobic absorption solvent for obtaining, at the bottom of the column (C1), a flow (4) constituted of (meth)acrylic acid, the absorption heavy solvent(s), the heavy secondary reaction products and minor amounts of acetic acid and of water (with acrylic acid during the production of methacrylic acid), and; the flow (4) coming from column (C1) is then fed to a separation column (C2). Column (C1) is operated with a flow rate of the heavy solvent being 3 to 5.6 times that of the (meth)acrylic acid in the supply gas mixture, and a rectifying column is used as a separation column (C2) operated with a supply at the top and without reflux.

(54) Title of the invention : "SILVER SOLDER OR BRAZING ALLOYS AND THEIR USE"

(51) International classification	:B23K 35/30	(71) Name of Applicant :
(31) Priority Document No	:0326927.1	1)MIDDLESEX SILVER CO. LIMITED
(32) Priority Date	:19/11/2003	Address of Applicant :MIDDLESEX UNIVERSITY, NORTH LONDON
(33) Name of priority country	:U.K.	BUSINESS PARK, OAKLEIGH ROAD SOUTH, LONDON N11 1QS,
(86) International Application No	:PCT/GB2004/050027	GREAT BRITAIN. U.K.
Filing Date	:18/11/2004	(72) Name of Inventor :
(87) International Publication No	:WO 2005/051593	1)PETER GAMON JOHNS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 20

(57) Abstract :

The present invention relates to silversolder or brazing alloys and to their use in making soldered joints in various grades of silver. particularly silversmithing grades. They alloys are of the Ag-Cu-Zn family containing at least 55 wt % Ag and from 0.5 to 1wt% Ge. They can exhibit an advantageous combination of colour, flowability and corrosion resistance

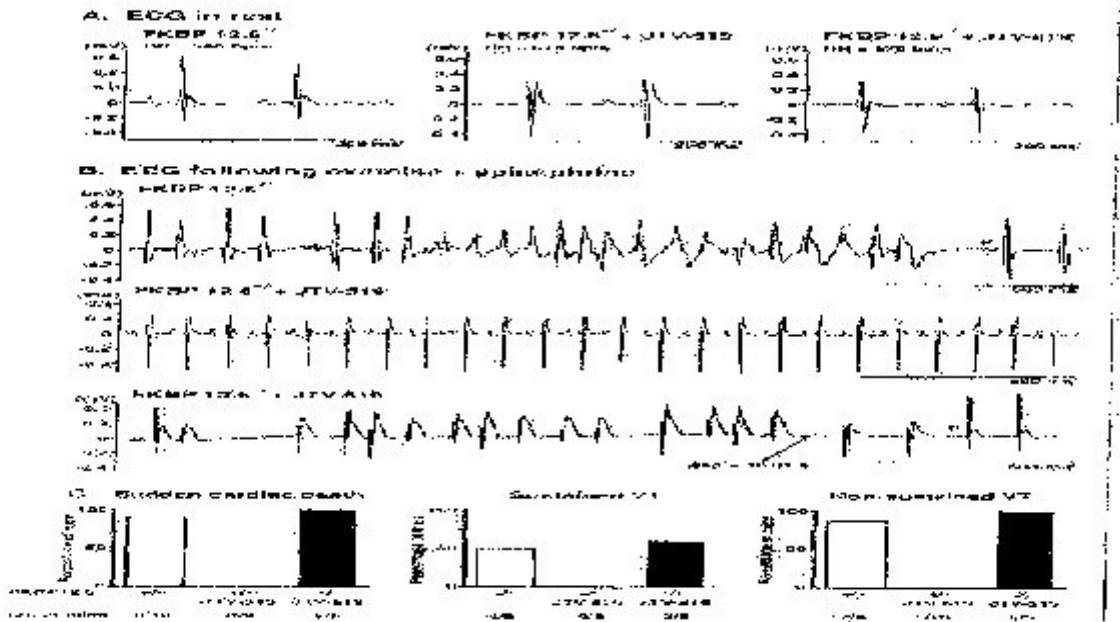
(54) Title of the invention : "COMPOUNDS AND METHODS FOR TREATING AND PREVENTING EXERCISE-INDUCED CARDIAC ARRHYTHMIAS"		
(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:10/680,988	1)THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
(32) Priority Date	:07/10/2003	Address of Applicant :412 LOW LIBRARY; MAIL CODE 4308, 535 WEST 116TH STREET, NEW YORK, NY 10027, UNITED STATES OF AMERICA. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2004/032550	1)ANDREW ROBERT MARKS
Filing Date	:04/10/2004	2)DONALD W. LANDRY
(87) International Publication No	:WO 2005/037195	3)SHI XIAN DENG
(61) Patent of Addition to Application Number	:NA	4)ZHEN ZHUANG CHENG
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 56

No of Claims : 40

(57) Abstract :

The present invention provides a method for limiting or preventing a decrease in the level of RyR2-bound FKBP12.6 in a subject, a method for treating or preventing exercise-induced cardiac arrhythmia in a subject, and a method for preventing exercise induced sudden cardiac death in a subject. Also provided are uses of JTV-519 in these methods. The present invention further provides methods for identifying agents for use in preventing exercise-induced sudden cardiac death, as well as agents identified by such methods. Also provided are methods for preventing exercise-induced sudden cardiac death by administering these agents. Additionally, the present invention provides methods for synthesizing JTV-519, radio-labeled JTV-519, and 1,4benzothiazepine intermediates and derivatives.



(54) Title of the invention : "DOUBLE OR MULTIPLE PUMP"

(51) International classification	:F04C 2/10	(71)Name of Applicant :
(31) Priority Document No	:103 50 632.2	1)GKN SINTER METALS HOLDING GMBH
(32) Priority Date	:29/10/2003	Address of Applicant :Krebsoge 10, 42477 Radevormwald, Germany
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2004/012222	(72)Name of Inventor :
Filing Date	:28/10/2004	1)JOSEF BACHMANN
(87) International Publication No	:WO 2005/042976	2)ROLF SCHWARZE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 11

(57) Abstract :

Disclosed is a pump for generating at least two volume flows having a different pressure. Said pump comprises a pump cover (1), a pump housing (4), and a wheel set (2) that is eccentrically mounted therein. The pump housing (4) is provided with a suction slot (5) and a pressure slot (6) which are separated from each other by means of a first sealing web (7, 7.1) and a second sealing web (8, 8.1) that is located opposite therefrom. The pressure slot (6) is subdivided into a high pressure chamber (12) and a low pressure chamber (13) with the aid of at least one additional sealing web (11, 11.1), each pressure chamber (12, 13) being provided with a delivery port (14, 15).

(54) Title of the invention : "STATOR COIL ARRANGEMENT FOR AN AXIAL AIRGAP ELECTRIC DEVICE INCLUDING LOW-LOSS MATERIALS"

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:60/516,789	1)LIGHT ENGINEERING, INC.
(32) Priority Date	:03/11/2003	Address of Applicant :8158 ZIONSVILLE ROAD, INDIANAPOLIS, IN
(33) Name of priority country	:U.S.A.	46268, UNITED STATES OF AMERICA. U.S.A.
(86) International Application No	:PCT/US2004/036586	(72)Name of Inventor :
Filing Date	:03/11/2004	1)ANDREW D. HIRZEL
(87) International Publication No	:WO 2005/043714	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 64

No of Claims : 18

(57) Abstract :

A dynamoelectric, rotating electric machine includes a stator assembly that includes stacked stator coil windings. The machine is preferably a polyphase, axial airgap device. Improved slot filling results from the stacked stator coil configuration. Device performance capability is thereby increased. The stator assembly of the electric device has a magnetic core made from low loss, high frequency material. A high pole count permits the electrical device to operate at high commutating frequencies, with high efficiency, high power density and improved performance characteristics. Low-loss materials incorporated by the device include amorphous metals, nanocrystalline metals, optimized Si-Fe alloys, grain-oriented Fe-based materials or non-grain-oriented Fe-based materials.

(54) Title of the invention : "MANUFACTURE OF HEAT TRANSFER SYSTEM"

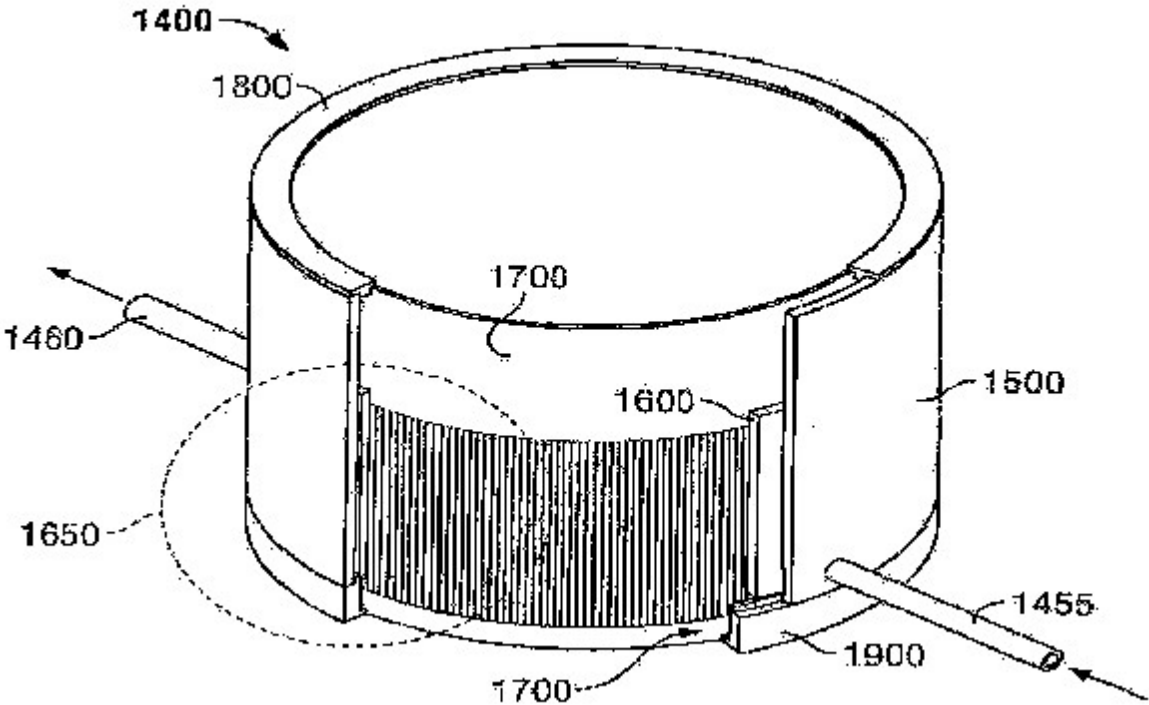
(51) International classification	:B23P 11/02	(71)Name of Applicant :	
(31) Priority Document No	:60/514,670	1)SWALES & ASSOCIATES, INC.	
(32) Priority Date	:28/10/2003	Address of Applicant :5050 POWDER MILL ROAD, BELTSVILLE,	
(33) Name of priority country	:U.S.A.	MD 20705, USA. U.S.A.	
(86) International Application No	:PCT/US2004/035548	(72)Name of Inventor :	
Filing Date	:28/10/2004	1)EDWARD J. KROLICZEK	
(87) International Publication No	:WO 2005/043059	2)JAMES YUN	
(61) Patent of Addition to Application Number	:NA	3)MICHAEL NIKITKIN	
Filing Date	:NA	4)DAVID A. WOLF SR.	
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 118

No of Claims : 31

(57) Abstract :

A method of making an evaporator (115) includes orienting a vapor barrier wall (117), orienting a liquid barrier wall (135) , and positioning a wick (145) between the vapor barrier wall and the liquid barrier wall. The vapor barrier wall is oriented such that a heat-absorbing surface (116) of the vapor barrier wall defines at least a portion of an exterior surface of the evaporator. The exterior surface is configured to receive heat (Q_{in}) . The liquid barrier wall is oriented adjacent the vapor barrier wall. The liquid barrier wall has a surface configured to confine liquid. A vapor removal channel is defined at an interface between the wick and the vapor barrier wall. A liquid flow channel is defined between the liquid barrier wall and the primary wick (140).



(54) Title of the invention : "CALL SET-UP SYSTEMS"

(51) International classification	:H04L 29/12	(71) Name of Applicant :
(31) Priority Document No	:0326160.9	1)MARCONI UK INTELLECTUAL PROPERTY LIMITED
(32) Priority Date	:08/11/2003	Address of Applicant :P.O. BOX 53 NEW CENTURY PARK,
(33) Name of priority country	:U.K.	COVENTRY WARWICKSHIRE CV3 1HJ, U.K. U.K.
(86) International Application No	:PCT/EP2004/052835	(72) Name of Inventor :
Filing Date	:05/11/2004	1)ALLEN, JOHN AUBREY
(87) International Publication No	:WO 2005/046182	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 20

(57) Abstract :

A call set-up system sets up a call, which could be a voice call, between, for example, terminals P and V using call agents Q, S and U through a plurality of packet switched networks 1, 2 which are interconnected by network address translation (NAT) devices R,T. The messages to successive call agents includes media addresses in the associated networks for the actual data packets of the call when it has been set up. It could be that the call signalling passes from call agent Q associated with network 1 to call agent S associated with network 2, and then to call agent U associated once again with network 1, for example, because the user in the network 2 (which could be the internet) was redirecting their calls back to a terminal (V) in network 1, which could be a private network. Under the current Session Initiation Protocol (SIP), the call set-up message passed by S to U would only include an address in network 2 (2.1), and U would send an address in network 1 (1.3) to terminal V, forcing the media path to traverse NAT devices R and T. With the modified signalling of the invention, which could be a modified version of SIP, the call set-up message also includes the media address sent to at least some preceding call agents, so S passes (2.1)[1.1] to U, enabling U to give the media address (1.1) local to its network 1 to V, enabling NAT resources to be saved. The call agents Q,S,U can be incorporated into NAT devices, and the media addresses can be encrypted or in the form of a reference.

(54) Title of the invention : VEHICLE

(51) International classification	:H02J 9/06	(71) Name of Applicant : 1)HONDA MOTOR CO. LTD. Address of Applicant :1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN Japan
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)TATSUYA SHIOKAWA
Filing Date	:NA	2)YOJI KANAOKA
(87) International Publication No	: NA	3)SHINICHI MAEDA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 5

(57) Abstract :

The vehicle is constituted so as to be able to separate a general load circuit 71 from a main circuit 60 with a relay means 71. In the main circuit 60, a starter motor 63 can be rotated with a battery 64 by turning on both a clutch switch 61 and a start switch 41. The relay means 70 is turned on if an engine rotation is not less than a predetermined value, supplies current of the battery and/or a generator to the general load, rotates a cooling fan motor 25 and turns on a tail light 29. Since the engine is started by rotating the starter motor when two conditions which are to push the clutch switch and to push the start switch are satisfied, the engine can be started without the main switch represented by an ignition switch.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2656/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :16/06/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : "METHOD FOR MOUNTING A FABRIC"

(51) International classification	:E06B9/44
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP1999/05288
Filing Date	:23/07/1999
(87) International Publication No	:WO 00/05479
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:IN/PCT/2001/00037/DEL
Filed on	:18/01/2001

(71)**Name of Applicant :**
1)HUNTER DOUGLAS INDUSTRIES B.V.,
Address of Applicant :PIEKSTRAAT 2, NL-3071 EL ROTTERDAM,
NETHERLANDS. Netherlands
(72)**Name of Inventor :**
1)KONRAD WELFONDER

No of Pages : 17

No of Claims : 24

(57) Abstract :

" A flexible sheet with an elongated strip-like mounting element that is adhered to one side of the sheet; the mounting element having a lengthwise profile with a cross-section characterized by: a first lateral width (36) that is adjacent the sheet; a second lateral width (34) that is remote from the sheet and is greater than the first width; and two transition portions (38, 40) that extend between the first and second lateral widths (34), that are on laterally opposite sides of the mounting element, and that terminate in wide angled corners (42, 44).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2659/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :11/05/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR PRODUCING TRACTIVE EFFORT"

(51) International classification	:B60L 11/00
(31) Priority Document No	:10/723,572
(32) Priority Date	:25/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/038666
Filing Date	:18/11/2004
(87) International Publication No	:WO 2005/053994
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :ONE RIVER ROAD,SCHENECTADY,NY 12345
USA. U.S.A.
(72)**Name of Inventor :**
1)KING ROBERT DEAN
2)SALASOO LEMBIT

No of Pages : 33

No of Claims : 68

(57) Abstract :

An apparatus (100) for producing tractive effort, the apparatus (100) comprising: an energy source (110) adapted for generating a high DC voltage (120); a motor drive (130) adapted for generating a motor voltage (140) from the high DC voltage (120); and a motor (150) adapted for producing the tractive effort from the motor voltage (140), the energy source (110) comprising: a heat engine (160) adapted for generating mechanical power (170) by burning a fuel; an alternator (180) adapted for generating an alternating voltage (190) from the mechanical power (170); a rectifier (200) adapted for rectifying the alternating voltage (190) and producing a low DC voltage (210); an energy battery (220) adapted for storing and delivering energy derived from the low DC voltage (210); and a traction boost converter (230) adapted for boosting the low DC voltage (210) to produce the high DC voltage (120), the motor drive (130) comprising: a power battery (240) adapted for storing energy and delivering power at the high DC voltage (120); and a traction converter (250) adapted for generating the motor voltage (140) from the high DC voltage (120) during motoring operation and for generating the high DC voltage (120) from the motor voltage (140) during braking operation.

(54) Title of the invention : MULTI-DIMENTIONAL JOINT SEARCHER AND CHANNEL ESTIMATORS

(51) International classification	:H01Q 11/12
(31) Priority Document No	:10/717,313
(32) Priority Date	:20/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2004/001623
Filing Date	:09/11/2004
(87) International Publication No	:WO 2005/050861
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

Address of Applicant :S-164 83 STOCKHOLM (SE) Sweden

(72)Name of Inventor :

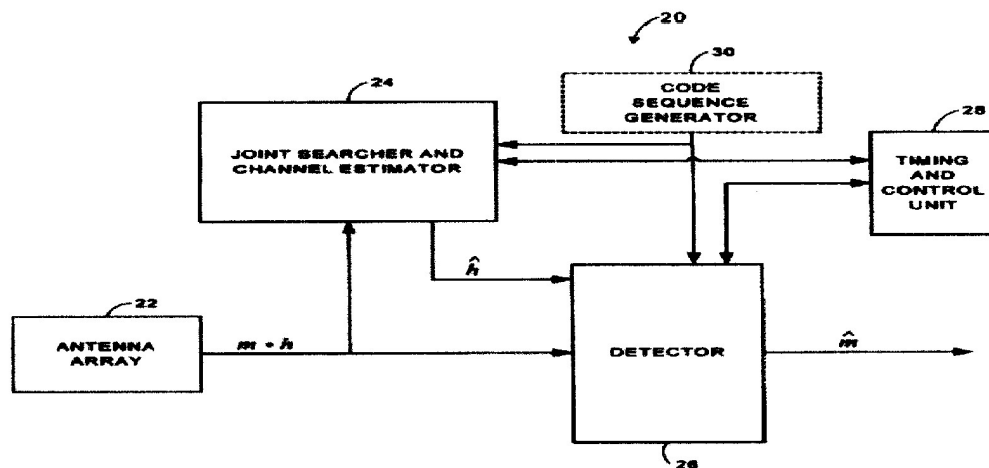
1)FELTER, STEFAN

No of Pages : 91

No of Claims : 21

(57) Abstract :

A wireless communication receiver (20) comprises an antenna structure (22) and a joint searcher and channel estimator (24). The antenna structure acquires dimensionally differentiated signals which are concurrently utilized by the joint searcher and channel estimator for determining both a time of arrival and channel coefficient. The wireless communication receiver can be either a mobile terminal or a network node. The joint searcher and channel estimator (24) comprises an antenna signal matrix (80, 110), a correlator (50), and an analyzer (60). Complex values indicative of the dimensionally differentiated signal received in a sampling window are stored in the antenna signal matrix as a function of a sampling window time index and a dimensional differentiation index. The correlator locates value(s) in the antenna signal matrix for use in determining the time of arrival and the channel coefficient. The correlator can utilize non-parametric or parametric techniques for locating "tones" in the antenna signal matrix corresponding to arriving wavefronts. An analyzer uses the value(s) located by the correlator to generate the time of arrival and the channel coefficient.



(54) Title of the invention : "A POWER TONG"

(51) International classification	:E21B 19/16	(71)Name of Applicant :
(31) Priority Document No	:20035234	1)V-TECH AS
(32) Priority Date	:25/11/2003	Address of Applicant :P.O. BOX.22, N-4661 KRISTIANSAND,
(33) Name of priority country	:Norway	NORWAY Norway
(86) International Application No	:PCT/NO2004/000355	(72)Name of Inventor :
Filing Date	:19/11/2004	1)HALSE, HELGE-RUBEN
(87) International Publication No	:WO 2005/052306	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 9

(57) Abstract :

A power tong for use during installation and dismantling of pipes when drilling in the ground, such as is known from e.g. petroleum production, comprising a drive ring (30) and at least one clamping device (40), where the clamping device (40) is arranged to grip a pipe string (20), the power tong (2) being equipped with a driving mechanism (32, 34) for rotation of the clamping device (40) about the longitudinal axis of the pipe string (20), and where the clamping device (40) communicates with a fluid supply via a swivel ring (60) that encircles the drive ring (30).

(54) Title of the invention : "EVAPORATOR FOR AIRCONDITIONING"

(51) International classification	:B60H 1/32	(71)Name of Applicant :
(31) Priority Document No	:10/321,763	1)CARRIER CORPORATION
(32) Priority Date	:17/12/2002	Address of Applicant :CARRIER PARKWAY, P.O. BOX 4800,
(33) Name of priority country	:U.S.A.	SYRACUSE, NY 13221, U.S.A. U.S.A.
(86) International Application No	:PCT/US2003/039757	(72)Name of Inventor :
Filing Date	:12/12/2003	1)REPICE CHRISTOPHER G.
(87) International Publication No	:WO 2004/060703	2)SACKS PAUL S.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 7

No of Claims : 10

(57) Abstract :

In a single row evaporator coil having a last tube receiving refrigerant in a superheated condition, at least one baffle is provided to divert the flow of air passing over the superheat tube such that it also passes over a nonsuperheat tube so that air can be dehumidified by the cooling effect of the nonsuperheat tube prior to the air being passed downstream.

(54) Title of the invention : "DISEASE TREATMENT VIA ANTIMICROBIAL PEPTIDE INHIBITORS"

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:153557	1)HILLMAN, YITZCHAK
(32) Priority Date	:19/12/2002	Address of Applicant :10A HERZL BOULEVARD APT-6, 96105
(33) Name of priority country	:Israel	JERUSALEM, ISRAEL. Israel
(86) International Application No	:PCT/IL2003/001094	(72)Name of Inventor :
Filing Date	:21/12/2003	1)HILLMAN, YITZCHAK
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 104No of Claims : 16

(57) Abstract :
A method of treating a disease in a subject in need thereof is disclosed. The method comprises providing to the subject a therapeutically effective amount of a compound being capable of decreasing an activity and/or level of an antimicrobial peptide (AMP) and/or AMP-like molecule, thereby treating the disease in the subject in need thereof.

(54) Title of the invention : "FLUIDIZED BED REACTOR WITH RESIDENCE TIME CONTROL"

(51) International classification	:B01J 8/28	(71)Name of Applicant :
(31) Priority Document No	:10327,279	1)UOP LLC
(32) Priority Date	:19/12/2002	Address of Applicant :25 EAST ALGONQUIN ROAD, DES PLAINES,
(33) Name of priority country	:U.S.A.	ILLINOIS 60017-5017, U.S.A. U.S.A.
(86) International Application No	:PCT/US2003/041203	(72)Name of Inventor :
Filing Date	:19/12/2003	1)LOMAS, DAVID A.
(87) International Publication No	:WO 2004/058388	2)MILLER, LAWRENCE, W.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 12

(57) Abstract :

Disclosed is an apparatus and process for controlling residence time in a reaction zone by adjusting the effect of reactor volume by varying the elevation of feed introduction or the space velocity in a fluidized catalytic conversion reactor. Changing effective volume results in controllable residence time and/or space velocity. The effect of reactor volume may be changed by altering the space velocity the feed distributor elevation, diluent flow rate or the number of reaction subsections to which feed is distributed.

(54) Title of the invention : "MALEAMIC ACID POLYMER DERIVATIVES AND THEIR BIOCONJUGATES"

(51) International classification	:C08G 65/00	(71)Name of Applicant :
(31) Priority Document No	:60/437,251	1)NEKTAR THERAPEUTICS AL, CORPORATION
(32) Priority Date	:31/12/2002	Address of Applicant :490 DISCOVERY DRIVE, HUNTSVILLE, AL
(33) Name of priority country	:U.S.A.	35806, USA. U.S.A.
(86) International Application No	:PCT/US2003/041705	(72)Name of Inventor :
Filing Date	:31/12/2003	1)ANTONI KOZLOWSKI
(87) International Publication No	:WO 2004/060966	2)REMY F. GROSS, III
(61) Patent of Addition to Application Number	:NA	3)SAMUEL P. MCMANUS
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 67No of Claims : 65

(57) Abstract :
The present invention is directed to maleamic acid derivatives of water soluble polymers, to chemically stable water-soluble polymer succinamic acid -active agent conjugates, and to methods for reproducibly preparing, characterizing and using such polymer reagents and their conjugates.

(54) Title of the invention : "PROCESS FOR PREPARING PHOSPHORODIAMIDITES"

(51) International classification	:C07F 9/24	(71)Name of Applicant :
(31) Priority Document No	:0230095.2	1)RHODIA CONSUMER SPECIALTIES LIMITED
(32) Priority Date	:24/12/2002	Address of Applicant :OAK HOUSE, REEDS CRESCENT, WATFORD,
(33) Name of priority country	:U.K.	HERTFORDSHIRE WD24 2QP, UNITED KINGDOM. U.K.
(86) International Application No	:PCT/GB2003/005544	(72)Name of Inventor :
Filing Date	:18/12/2003	1)CHRISTOPHER JOHN HARRIS
(87) International Publication No	:WO 2004/058779	2)SHEENA LESLEY JACKSON
(61) Patent of Addition to Application Number	:NA	3)DAVID JAMES WILSON
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 7No of Claims : 14

(57) Abstract :
A method of phosphorodiamidiic production comprising the steps of reacting a phosphorus trialed with a daily amine in a polar solvent 10 form an intermediacy compound. This intermediate compound is then subsequently reacted with an hydroxyalkyl compound and a daily) amine in the presence of a non-polar co-solvent. Following filtration to remove the solid by-product the two solvents form separate layers This is advantageous is the upper, non-polar solvent, layer contains the high-purity phosphorodiamidile product.

(54) Title of the invention : FILLER-FIBER COMPOSITE

(51) International classification	:D21H 17/70	(71)Name of Applicant :
(31) Priority Document No	:10/314,584	1)SPECIALTY MINERALS (MICHIGAN) INC.
(32) Priority Date	:09/12/2002	Address of Applicant :30600 TELEGRAPH ROAD, BINGHAM
(33) Name of priority country	:U.S.A.	FARMS, MI 49080 (US) U.S.A.
(86) International Application No	:PCT/US2003/038218	(72)Name of Inventor :
Filing Date	:03/12/2003	1)HUGHES GEOFFREY LAMAR
(87) International Publication No	:WO 2004/053229	2)MITCHELL KYLE JAMES
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18No of Claims : 21

(57) Abstract :
The present invention relates to a filler-fiber composite, a process for its production, the use of such in the manufacture of paper or paperboard products and to paper produced therefrom. More particularly the invention relates to a filler-fiber composite in which the morphology and particle size of the mineral filler are established prior to the development of the bond to the fiber. Even more particularly, the present invention relates to a PCC filler-fiber composite, wherein the desired optical and physical properties of the paper produced therefrom are realized.

(54) Title of the invention : "SYSTEM AND METHOD FOR MEASURING MIDDLEWARE RESPONSE TIME"

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:60/437,848	1)COMPUTER ASSOCIATES THINK, INC.
(32) Priority Date	:03/01/2003	Address of Applicant :ONE COMPUTER ASSOCIATES PLAZA, NEW
(33) Name of priority country	:U.S.A.	YORK 11749,USA. U.S.A.
(86) International Application No	:PCT/US2003/041786	(72)Name of Inventor :
Filing Date	:30/12/2003	1)ANTHONY PICCIRILLI
(87) International Publication No	:WO 2004/063858	2)KEVIN LOESCH
(61) Patent of Addition to Application Number	:NA	3)THOMAS RYAN
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25No of Claims : 10

(57) Abstract :
System and method for monitoring middleware performance is described herein. A route time for a sample message transmitted along a predetermined network route is determined and at least one queue residency time is determined. The at least one queue residency time reflects an amount of time an actual application message is stored in at least one respective local production queue located along the network route. Middleware response time is calculated according to the route time and the at least one queue residency time.

(54) Title of the invention : "TRANSITION BETWEEN A RECTANGULAR WAVEGUIDE AND A MICROSTRIP LINE"

(51) International classification :H01P 5/107
 (31) Priority Document No :03/00045
 (32) Priority Date :03/01/2003
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2003/050201
 Filing Date :22/12/2003
 (87) International Publication No :WO 2004/066432
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

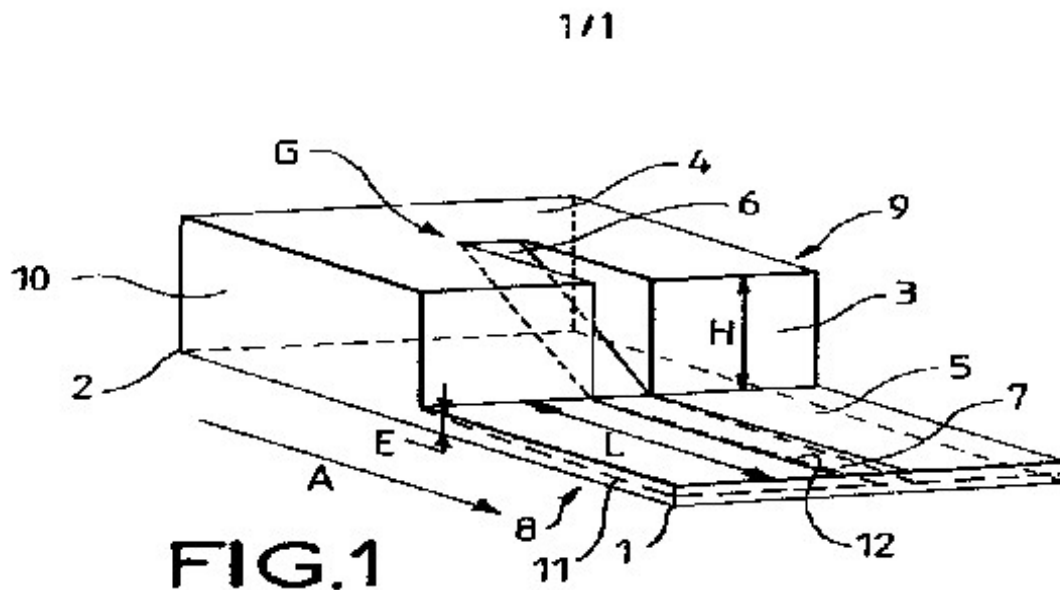
(71)Name of Applicant :
1)THOMSON LICENSING S.A.
 Address of Applicant :46 QUAI ALPHONSE LE GALLO, F-92100
 BOULOGNE-BILLANCOURT, FRANCE. France
 (72)Name of Inventor :
1)DOMINIQUE LO HINE TONG
2)ALI LOUZIR
3)CHRISTIAN PERSON
4)JEAN-PHILIPPE COUPEZ

No of Pages : 7

No of Claims : 25

(57) Abstract :

The transition between a rectangular waveguide and a microstrip line consists of a ribbed rectangular waveguide (G) realised in a foam bar in synthetic material of which the metallized base (8) under the rib (6) continues in the form of a foam plate constituting a substrate for the microstrip line, the rib having a base extending between the upper plane (4) of the ribbed waveguide and the upper plane (5) of the substrate and the microstrip line (7) being disposed on the upper plane of the substrate in the continuation of the base of the rib.



(54) Title of the invention : CHEMICAL SWITCHING OF NUCLEIC ACID CIRCUIT ELEMENTS

(51) International classification	:G06N3/00	(71)Name of Applicant :
(31) Priority Document No	:60/435,276	1)UNIVERSITY OF SASKATCHEWAN TECHNOLOGIES INC.
(32) Priority Date	:23/12/2002	Address of Applicant :ROOM 304, KIRK HALL, THE UNITVERSITY
(33) Name of priority country	:U.S.A.	OF SASKATCHEWAN, 117 SCIENCE PLACE, SASKATOON,,
(86) International Application No	:PCT/CA2003/001589	SASKATCHEWAN S7N 5C8, CANADA Canada
Filing Date	:15/10/2003	(72)Name of Inventor :
(87) International Publication No	:WO 2004/057685	1)LEE JEREMY S.
(61) Patent of Addition to Application Number	:NA	2)KRAATZ HEINZ-BERNHARD
Filing Date	:NA	3)WETTIG SHAWN D
(62) Divisional to to Application Number	:NA	4)SKINNER RYAN JOHN
Filing Date	:NA	

No of Pages : 95

No of Claims : 193

(57) Abstract :

Organic circuit elements and organic conductors are disclosed, together with electron acceptors and donors that may be chemically modified to alter the conductivity of the circuit or organic conductor. An organic circuit element includes a plurality of members, each of which includes an oligonucleotide duplex. The plurality of members includes at least one donor member for receiving conduction electrons from an electron donor, at least one acceptor member for communicating with an electron acceptor to provide a region of attraction for the conduction electrons, and at least one regulator member intersecting with at least one of the plurality of members to define at least one electric field regulation junction, for cooperating with an electric field regulator to regulate an electric field at the junction. A method of regulating an electronic signal between first and second locations in a conductive nucleic acid material includes chemically modifying an electron acceptor or an electron donor that is coupled to the conductive nucleic acid material.

(54) Title of the invention : PROPARGYL-TRIFLUOROMETHOXY-AMINO-BENZOTHAZOLES

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:10/301,540	1)TEVA PHARMACEUTICAL INDUSTRIES LTD.
(32) Priority Date	:21/11/2002	Address of Applicant :5 BASEL STREET, P.O. BOX 3190, PETACH-
(33) Name of priority country	:U.S.A.	TIKVA 49131, ISRAEL Israel
(86) International Application No	:PCT/US2003/037592	(72)Name of Inventor :
Filing Date	:20/11/2003	1)JEFFREY STERLING
(87) International Publication No	:WO 2004/047756	2)LIAT HAYARDENY
(61) Patent of Addition to Application Number	:NA	3)ELIEZER FALB
Filing Date	:NA	4)YAACOV HERZIG
(62) Divisional to to Application Number	:NA	5)DAVID LERNER
Filing Date	:NA	6)ERAN BLAUGRUND

No of Pages : 74

No of Claims : 66

(57) Abstract :

The subject invention provides compounds having the structure (I): wherein R1 is present or absent, and when present is H, C1-C6alkyl, C1-C6 alkynyl, - (CH2)yS (CH2)xCH3, C1-C6 aminoalkyl, C1-C6 hydroxyalkyl or -(CH2)nC(=O) (C6H4) (CH2)R2; R2 is H or C1-C4 alkyl; R3 is H or C1-C4 alkyl; R4 is present or absent, and when present is H, C1-C6 alkyl, C1-C6 alkynyl, - (CH2) yS (CH2) xCH3 , C1-C6 aminoalkyl, C1-C6 hydroxyalkyl or -(CH2) nC (=O) (C6H4) (CH2) R2; wherein n is an integer from 1-6; wherein x is 0 or an integer from 1-5 and y is an integer from 1-5, such that x+y

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2756/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :17/09/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : PROCESS FOR PREPARING CATHODE MATERIAL FOR LITHIUM BATTERIES

(51) International classification	:C01G 51/04
(31) Priority Document No	:10/108,695
(32) Priority Date	:29/03/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IN02/00102
Filing Date	:08/04/2002
(87) International Publication No	:WO 03/086975
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Delhi India

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1)RAMASAMY CHANDRASEKARAN
2)ARIYANAN MANI
3)THIGARAJAN VASUDEVAN
4)RAMAIYER GANGADHARAN

No of Pages : 8

No of Claims : 14

(57) Abstract :

The present invention relates to a novel process based on solid state thermal reaction for the preparation of cathode materials for lithium secondary batteries such as rocking chair and intercalated batteries. The solid state reaction takes place between solid lithium oxide (Li₂O) and a metal compound selected from oxides and nitrates. The metal is selected from nickel and cobalt. Urea or ammonium nitrate may be added to the reaction mixture in order to generate heat. LiNiO₂ and LiCoO₂ are formed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2759/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :17/09/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : SOLID STATE THERMAL SYNTHESIS OF LITHIUM COBALTATE

(51) International classification	:C01G 51/00
(31) Priority Document No	:10/113,211
(32) Priority Date	:28/03/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IN02/00066
Filing Date	:26/03/2002
(87) International Publication No	:WO 03/080517
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)RAMASAMY CHANDRASEKARAN
2)MANI ARIYANAN
3)VASUDEVAN THIAGARAJAN
4)GANGADHARAN RAMAIYER

No of Pages : 7

No of Claims : 9

(57) Abstract :

The present invention provides a process for the preparation of lithium cobaltate by a solid state thermal one step process comprising mixing lithium oxide (Li₂O) and cobalt nitrate (Co(NO₃)₂) in solid state uniformly, adding a heat generating material to the mixture and grinding the mixture and heating the ground mixture at a temperature in the range of 650 to 700°C to obtain the desired lithium cobaltate.

(54) Title of the invention : "METHOD AND APPARATUS TO FACILITATE FLAWLESS COMBUSTION ABSENT CATALYST OR HIGH TEMPERATURE OXIDENT."

(51) International classification :F23C 9/08 (31) Priority Document No :10/341,942 (32) Priority Date :14/01/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2004/000341 Filing Date :08/01/2004 (87) International Publication No :WO 2004/065848 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)PETRO-CHEM DEVELOPMENT CO., INC. Address of Applicant :122 EAST 42ND STREET, NEW YORK, NY 10017, U.S.A. U.S.A. (72)Name of Inventor : 1)GIBSON WILLIAM 2)GIBSON ROBERT L. 3)EISCHEN JAMES T.

No of Pages : 16

No of Claims : 13

(57) Abstract :

A method and apparatus whereby flameless combustion may be precipitated and sustained within the essentially oval combustion chamber of an integrated heater/burner apparatus. The invention provides for an air inlet and fuel source in combination with recirculating flue gas within the apparatus combustion chamber to precipitate and maintain flameless combustion of the combined gases along, and within, a narrowly defined boundary. Air is introduced to the oval combustion chamber via an air inlet. Fuel gas is combined with recirculating flue gases with continued heating of the recirculating flue gas, introduced air or both flue gas and air, until the temperature at the boundary interface between the air and inerted fuel gas exceeds an auto ignition temperature of the boundary interface components. A fuel gas stream absent a flamed portion thereof is combined with the recirculating flue gas and then allowed to diffuse with the air stream in a measure sufficient to sustain flameless combustion and chamber operational temperature of generally between 1500Â°F and 1900Â°F. The essentially oval configuration of the integrated heater/burner allows for increased mass and circulation rates beyond that possible with heaters of the contemporary art and as a consequence thereof provides for uniform, complete and cooler combustion resulting in low NOx emissions.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2760/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :17/09/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : COMPOSITION AND PROCESS FOR PREPARING HERBAL DISINFECTANTS AND THEIR USE

(51) International classification :C11D 3/00 (31) Priority Document No :PI20021119 (32) Priority Date :28/03/2002 (33) Name of priority country :Malaysia (86) International Application No :PCT/IB02/05552 Filing Date :20/12/2002 (87) International Publication No :WO 03/083028 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA		(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH Address of Applicant :RAFI MARG, NEW DELHI-110 001,INDIA Delhi India (72)Name of Inventor : 1)SUMAT PREET SINGH KHANUJA 2)MAHENDRA PANDURANG DAROKAR 3)TIRUPADIRIPULIYUR RANGANATHAN SANTHAKUMAR 4)AJIT KUMAR SHASANY 5)KRISHNA KUMAR AGGRAWAL 6)ATIQUE AHMED 7)PUSHPALATA CHATURVEDI 8)VIVEK KUMAR GUPTA 9)ALOK KRISHNA 10)ANIL KUMAR SINGH 11)JANAK RAJ BAHL 12)RAVI PRAKASH BANSAL 13)DINESH KUMAR

No of Pages : 16

No of Claims : 18

(57) Abstract :

The present invention relates to disinfectant and cleansing compositions for cleaning the skin of humans and for cleaning surface such as floors, and the invention also provides process for the preparation of the said composition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2761/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :17/09/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : A MICROWAVE INDUCED PROCESS FOR THE PREPARATION OF SUBSTITUTED 4-VINYLPHENOLS

(51) International classification :C07C37/20

(31) Priority Document No :10/383,253

(32) Priority Date :07/03/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB02/05513

Filing Date :19/12/2002

(87) International Publication No :NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Address of Applicant :RAFI MARG, NEW DELHI-110 001, INDIA.

Delhi India

(72)Name of Inventor :

1)ARUN KUMAR SINHA

2)BHUPENDRA PRASAD JOSHI

3)ANUJ SHARMA

No of Pages : 24

No of Claims : 19

(57) Abstract :

The present invention relates to "a microwave induced process for the preparation of 4-vinylphenols or its derivatives" in which commercially important FEMA GRAS approved perfumery and flavouring vinylphenols (i.e. hydroxystyrenes) namely 4-vinylguaiacol (FEMA GRAS No. 2675) and 4-vinylphenol (FEMA GRAS No. 3739) as well as other useful vinylphenols such as 2,6-dimethoxy-4-vinylphenol, 2-hydroxy-4-vinylphenol, 3-hydroxy-4-vinylphenol etc. by condensation of malonic acid and 4-hydroxyphenylaldehydes or its derivatives.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2767/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :22/06/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : "HOMOGENEOUSLY PENETRATION-DYED COMPOSITIONS BASED ON POLYALKYLENE TEREPHTHALATE/POLYCARBONATE BLENDS MODIFIED WITH IMPACT RESISTANCE"

(51) International classification	:C08L 69/00
(31) Priority Document No	:103 00 110.7
(32) Priority Date	:07/01/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2003/014886
Filing Date	:24/12/2002
(87) International Publication No	:WO 2004/060999
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BAYER MATERIALSCIENCE AG
Address of Applicant :51368 LEVERKUSEN,GERMANY, Germany

(72)**Name of Inventor :**
1)THOMAS BRAIG
2)PAUL FRIEDEMANN
3)HOLGER WARTH

No of Pages : 31

No of Claims : 7

(57) Abstract :

The present invention relates to coloured compositions based on polyalkylene terephthalate/polycarbonate blends modified with impact resistance, and moulding compositions, semi-finished products and moulded parts manufactured from them, which are used either un-lacquered or coated only with a transparent clear varnish for example for external automotive applications.

(54) Title of the invention : "WAVEGUIDE E-PLANE RF BANDPASS FILTER WITH PSEUDO-ELLIPTIC RESPONSE"

(51) International classification	:H01P 1/201	(71)Name of Applicant :
(31) Priority Document No	:0300160	1)THOMSON LICENSING S.A.
(32) Priority Date	:06/01/2003	Address of Applicant :46, QUAI A. LE GALLO, 92100 BOULOGNE-
(33) Name of priority country	:France	BILLANCOURT, FRANCE. France
(86) International Application No	:PCT/EP2003/051049	(72)Name of Inventor :
Filing Date	:18/12/2003	1)DOMINIQUE LO HINE TONG
(87) International Publication No	:WO 2004/062024	2)PHILIPPE CHAMBELIN
(61) Patent of Addition to Application Number	:NA	3)CHARLINE GUGUEN
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 7

(57) Abstract :

The invention relates to RF bandpass filters with pseudo-elliptic response. In a filter comprising a dielectric substrate 302 placed in E position in a rectangular waveguide 301 and comprising inserts 303-306 on one of the surfaces of the substrate are placed conductors linked electrically to the walls of the guide, and on the other surface of the substrate opposite these conducting inserts are placed electrically floating inserts that make it possible to determine zeros in the transmission curve of the filter. This yields a filter exhibiting a response curve of pseudo-elliptic type which improves the rejection of spurious frequencies without increasing the dimensions of the filter.

(54) Title of the invention : "USE OF ESTROGEN RECEPTOR ALPHA MODULATORS FOR THE TREATMENT OF MULTIPLE SCLEROSIS"

(51) International classification	:A61K 31/00	(71)Name of Applicant :
(31) Priority Document No	:60/438,123	1)WYETH
(32) Priority Date	:06/01/2003	Address of Applicant :FIVE GIRALDA FARMAS, MADISON, NJ
(33) Name of priority country	:U.S.A.	07940, USA. U.S.A.
(86) International Application No	:PCT/US2004/000037	(72)Name of Inventor :
Filing Date	:05/01/2004	1)MERLE M. ELLOSO
(87) International Publication No	:WO 2004/062653	2)ROBERT MITCHELL
(61) Patent of Addition to Application Number	:NA	3)DOUGLAS C. HARNISH
Filing Date	:NA	4)STEVEN J. ADELMAN
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 25

(57) Abstract :

The present invention provides methods of treating an autoimmune pathology in a mammal, comprising administering an agent with estrogen receptor a agonist activity in particular a selective estrogen receptor modulator. to the mammal in an amount sufficient to decrease production of TIL-1 and/or TIL-2 cytokines. Also provided is a method of selecting compounds useful for the treatment of multiple sclerosis, comprising selecting a compound which has estrogen receptor a agonist activity.

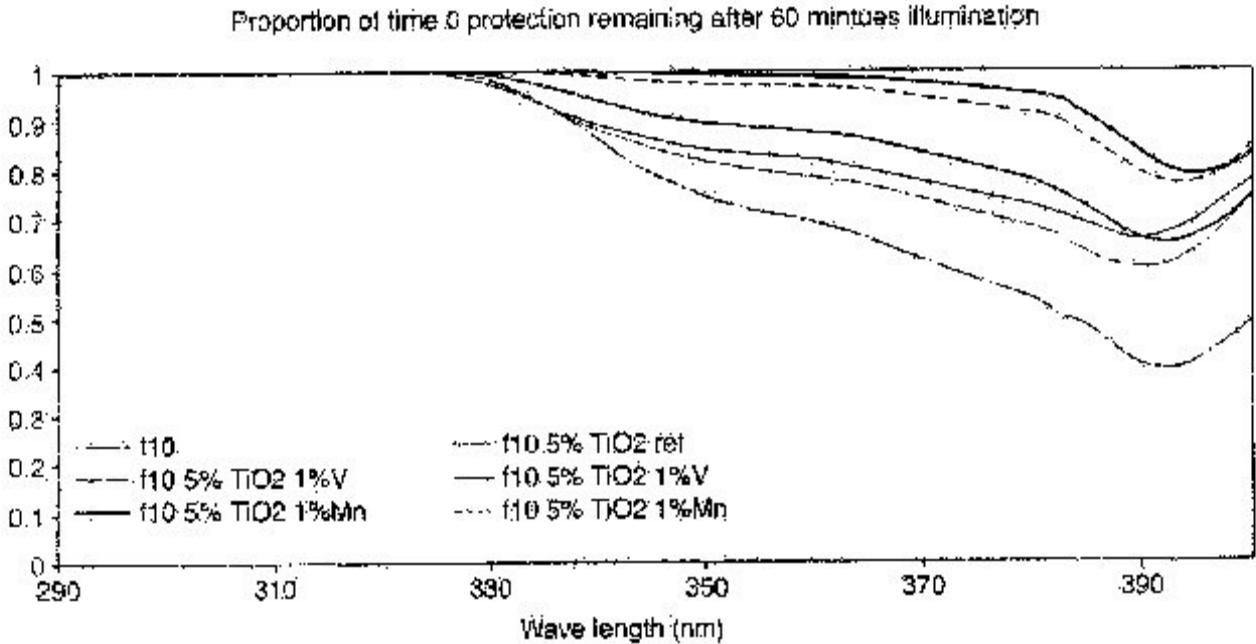
(54) Title of the invention : "SUNSCREENS"

(51) International classification :A61K 7/42
(31) Priority Document No :0230156.2
(32) Priority Date :24/12/2002
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2003/005658
Filing Date :23/12/2003
(87) International Publication No :WO 2004/058209
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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UNITED KINGDOM. U.K.
(72)Name of Inventor :
1)GEORGE BARRY PARK
2)JOHN SEBASTIAN KNOWLAND
3)BARRY RICHARD FLUTTER

No of Pages : 24
No of Claims : 31

(57) Abstract :
A UV suncreening composition suitable for cosmetic or topical pharmaceutical use which comprises an amount of one or more organic components which are photosensitive and/or which are degraded and/or in which degradation is induced by another ingredient of the composition, and an amount of TiO2 and/or ZnO which has been doped with another element and/or reduced zinc oxide, this composition having a rate of loss of UV absorption at least 5% less than that of a composition having the same formulation except that it does not contain the said TiO2 and/or ZnO which has been doped with another element or the said reduced zinc oxide.



(54) Title of the invention : "CONTROLLABLE RF BROADBAND AMPLIFIER WITH A CONSTANT INPUT IMPEDANCE"

(51) International classification	:H03F 3/72	(71)Name of Applicant :
(31) Priority Document No	:103 00 431.9	1)THOMSON LICENSING S.A.
(32) Priority Date	:09/01/2003	Address of Applicant :46 QUAI A. LE GALLO, 92100 BOULOGNE-
(33) Name of priority country	:Germany	BILLANCOURT, FRANCE. France
(86) International Application No	:PCT/EP2003/013741	(72)Name of Inventor :
Filing Date	:05/12/2003	1)HEINRICH SCHEMMANN
(87) International Publication No	:WO 2004/064250	2)MEHMET IPEK
(61) Patent of Addition to Application Number	:NA	3)SABINE ROTH
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 14

(57) Abstract :

A variable-gain RF amplifier arrangement whose input impedance is essentially independent of the selected gain is proposed, which has a large number of selectable elementary amplifiers, with an input signal being scaled and the input impedance being set to be the same by means of switchable current limiting elements upstream of the elementary amplifiers, which are associated with the elementary amplifiers. The circuit also has a low noise level, which is largely independent of the selected gain, and good linearity. A broadcast radio receiver as well as a receiver for receiving data signals using an amplifier according to the invention are also proposed.

(54) Title of the invention : "THIOL-SELECTIVE WATER-SOLUBLE POLYMER DERIVATIVES"

(51) International classification	:C08G 75/00	(71)Name of Applicant :
(31) Priority Document No	:60/438,555	1)NEKTAR THERAPEUTICS AL, CORPORATION
(32) Priority Date	:06/01/2003	Address of Applicant :490 DISCOVERY DRIVE, HUNTSVILLE, AL
(33) Name of priority country	:U.S.A.	35806, U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/001190	(72)Name of Inventor :
Filing Date	:06/01/2004	1)ANTONI KOZLOWSKI
(87) International Publication No	:WO 2004/063250	2)REMY F. GROSS
(61) Patent of Addition to Application Number	:NA	3)SAMUEL P. MCMANUS
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 65No of Claims : 63

(57) Abstract :
The present invention provides water-soluble, polymer derivatives having a thialselective terminus suitable for selective coupling to thiol groups, such as those contained in the cysteine residues of proteins.

(54) Title of the invention : 1-PROPANOL AND 1-PROPYLAMINE DERIVATIVES AND THEIR USE AS GLUCOCORTICOID LIGANDS

(51) International classification :C07D207/14		(71)Name of Applicant :
(31) Priority Document No :60/437,925		1)BOEHRINGER INGELHEIM PHARMACEUTICALS, INC.
(32) Priority Date :03/01/2003		Address of Applicant :900 RIDGEBURY ROAD, P.O. BOX 368,
(33) Name of priority country :U.S.A.		RIDGEFIELD, CONNECTICUT 06877-0368, USA U.S.A.
(86) International Application No :PCT/US2003/040942		(72)Name of Inventor :
Filing Date :18/12/2003		1)MARK STEPHEN RALPH
(87) International Publication No :WO 2004/063163		2)YOUNES BEKKALI
(61) Patent of Addition to Application Number :NA		3)ABDELHAKIM HAMMACH
Filing Date :NA		4)JOHN R PROUDFOOT
(62) Divisional to to Application Number :NA		5)JOHN ROBINSON REGAN
Filing Date :NA		6)DAVID S THOMSON
		7)DANIEL KUZMICH
		8)THOMAS WAI-HO LEE
		9)RENEE ZINDELL
		10)THOMAS MARTIN KIRRANE JR.

No of Pages : 280No of Claims : 32

(57) Abstract :
Compounds of Formula (I) wherein R, R R, R, R, R, and X are as defiend herein for Formula (IA) and Formula (IB), or a tautomer, prodrug, solvate, or salt thereof; pharmaceutical compositions containing such compounds, and methods of modulating the glucocoricoid receptor function and methods of treating disease-states or conditions mediated by the glucocorticoid receptor function or characterized by inflammatory, allergic, or proliferative processes in a patient using these compounds.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2794/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :20/09/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : "GLYCODENDRIMERS HAVING BIOLOGICAL ACTIVITY"

(51) International classification	:A61K 47/48
(31) Priority Document No	:0209022.3
(32) Priority Date	:19/04/2002
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB03/01133
Filing Date	:18/03/2003
(87) International Publication No	:WO 03/089010
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHAUNAK SUNIL
2)GIANASI, ELISABETTA
3)DUNCAN, RUTH

No of Pages : 67

No of Claims : 47

(57) Abstract :

The present invention relates to new anionic glycodendrimers having new biological activity, processes for preparing them and their use in medicine including veterinary medicine.

(54) Title of the invention : "THERAPEUTIC ION CHANNEL BLOCKING AGENTS AND METHODS OF USE THEREOF "

(51) International classification	:C07D 307/86	(71)Name of Applicant :
(31) Priority Document No	:PS 1272	1)THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH
(32) Priority Date	:20/03/2002	Address of Applicant :ROYAL PARADE, PARKVILLE, VIC 3052, AUSTRALIA; Australia
(33) Name of priority country	:Australia	(72)Name of Inventor :
(86) International Application No	:PCT/AU03/00351	1)BAELL, JONATHAN, B
Filing Date	:20/03/2002	2)WUFF, HEIKE
(87) International Publication No	:WO 03/078416	3)HARVEY, ANDREW, J
(61) Patent of Addition to Application Number	:NA	4)NORTON, RAYMOND, S;
Filing Date	:NA	5)CHANDY, GEORGE K.,
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 61No of Claims : 21

(57) Abstract :
Various divalent ligands based on khellinone derivatives are described. These derivatives can be useful in the modulation of potassium channel activity in cells, including among others Kv1.3 channels found in T-cells. The compounds may also be useful in the treatment or prevention of autoimmune and inflammatory diseases, including multiple sclerosis.

(54) Title of the invention : "A ROOFING SYSTEM"		
(51) International classification	:E04D 3/363	(71) Name of Applicant : 1)BLUESCOPE STEEL LIMITED Address of Applicant :1 YORK STREET, SYDNEY, NEW SOUTH WALES 2000, AUSTRALIA. Australia (72) Name of Inventor : 1)SECCOMBE, CAMPBELL, JOHN
(31) Priority Document No	:PS 1203	
(32) Priority Date	:18/03/2002	
(33) Name of priority country	:Australia	
(86) International Application No	:PCT/AU02/01240	
Filing Date	:10/09/2002	
(87) International Publication No	:WO 03/078753	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21No of Claims : 38

(57) Abstract :
A roofing system for a building is disclosed. The roofing system includes a plurality of roof cladding sheets (7) in overlapping relationship and a plurality of concealed clip assemblies that retain the cladding sheets to an underlying roof support structure (5). Each cladding sheet has at least one rib (11) separated by pans (3). Each clip assembly includes an elongate strap member (71), a plurality of clips (3) mounted to an upper surface of the strap member and engaging re-entrant portions of the ribs of one or more sheets, and a plurality of spacer members (55) made of thermally insulating material mounted to a lower surface of the strap member in alignment with the clips and spacing the clips above the underlying structure.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2814/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :24/06/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : "DEVICE FOR AUTOMATED COUPLING BETWEEN A MICRO-CHROMATOGRAPH AND A MASS SPECTROMETER COMPRISING TEMPERATURE ADJUSTMENT"

(51) International classification	:G01N 30/72
(31) Priority Document No	:03/00343
(32) Priority Date	:14/01/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2004/050010
Filing Date	:09/01/2004
(87) International Publication No	:WO 2004/065956
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)COZIC, RONAN
2)GASS, JEAN-LOUIS
3)BOURLIAUD, JEAN

No of Pages : 10

No of Claims : 5

(57) Abstract :

Instrument comprising a chromatographic column (1) with a final detector (5) and a mass spectrometer, the temperature of an interface comprising an output tube (7) and a capillary tube adjusting the flow to the spectrometer (8) is adjusted using a leakage flow or pressure sensor outputting data to a control module (12) that adjusts the interface temperature so as to equalise flows in the tubes (6 and 7).

(54) Title of the invention : "METHOD AS WELL AS DEVICE FOR EXTRACTION OF A ROOT"

(51) International classification	:A61C 3/14
(31) Priority Document No	:2003 0004/03
(32) Priority Date	:03/01/2003
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/EP2003/14923
Filing Date	:27/12/2003
(87) International Publication No	:WO 2004/060191
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BENNO SYFRIGAddress of Applicant :KAUFFMANNWEG 12, 6003 LUZERN,
SWITZERLAND. Switzerland

(72)Name of Inventor :

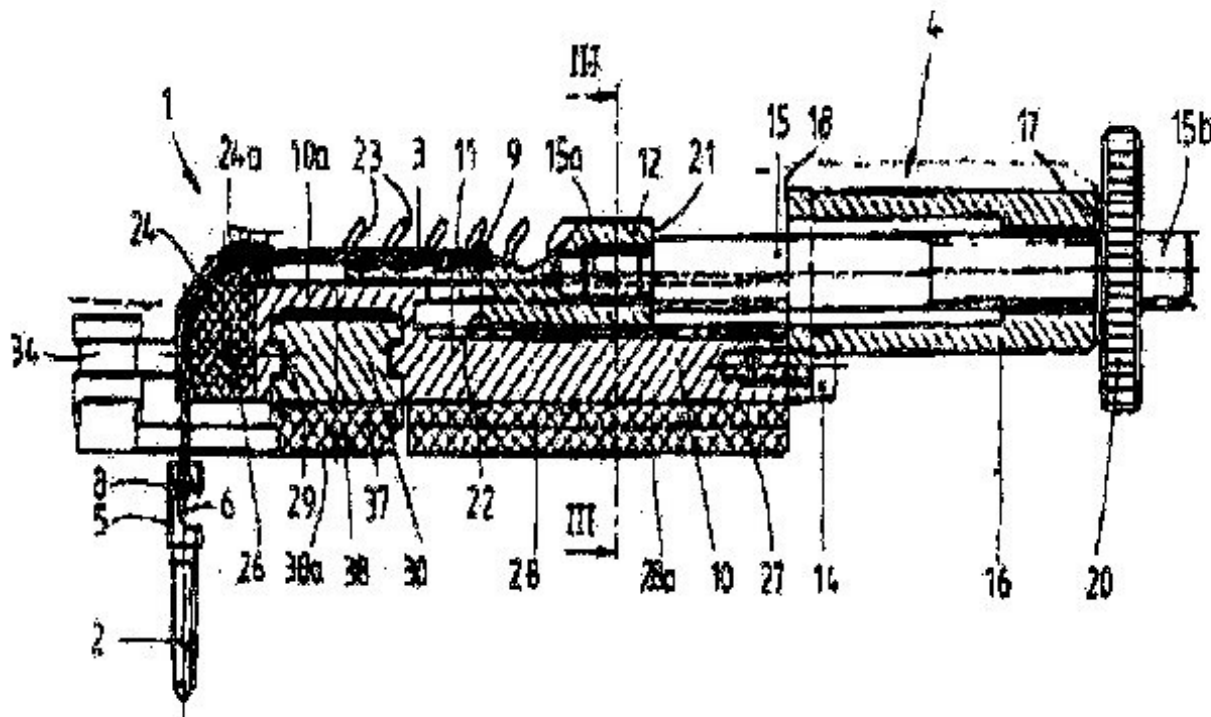
1)BENNO SYFRIG

No of Pages : 7

No of Claims : 15

(57) Abstract :

The invention relates to a method for extracting a root, which is characterized in that a pin (2) is inserted into and fastened in the root of a tooth. A tension element (3) that is functionally linked with a manually actuated tensioning device (4) is introduced into the pin (2). The tensioning device (4) that is partially introduced into the mouth and supported therein generates the pulling force required that acts upon the root in a substantially axial direction of the root. The invention allows for a very simple and effective method and device for extracting the root of a tooth.



(54) Title of the invention : PROCESS FOR THE CHEMICAL STABILIZATION OF A SOLUBILIZED RETINOID IN A SOLVENT USING A BASE

(51) International classification	:A61K 09/06	(71)Name of Applicant :
(31) Priority Document No	:0216017	1)GALDERMA RESEARCH & DEVELOPMENT, S.N.C.
(32) Priority Date	:17/12/2002	Address of Applicant :635, ROUTE DES LUCIOLES, SOPHIA
(33) Name of priority country	:France	ANTIPOLIS, F-06560 VALBONNE, FRANCE France
(86) International Application No	:PCT/EP2003/015041	(72)Name of Inventor :
Filing Date	:16/12/2003	1)AGNES FERRANDIS
(87) International Publication No	:WO 2004/054543	2)SANDRINE ORSONI
(61) Patent of Addition to Application Number	:NA	3)LAURENT FREDON
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 14

(57) Abstract :
The invention relates to a process for the chemical stabilization of a solubilized retinoid within a pharmaceutical composition, and to an aqueous composition obtained by this process. The invention further relates to the use of the aqueous composition in cosmetics and dermatology.

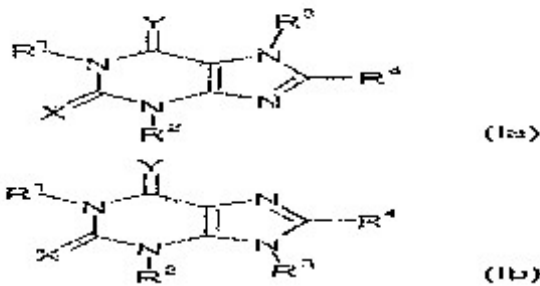
(54) Title of the invention : "THIOXANTHINE DERIVATIVES AS MYELOPEROXIDASE INHIBITORS"

(51) International classification	:C07D 473/20	(71)Name of Applicant :	
(31) Priority Document No	:0201193-0	1)ASTRAZENECA AB	
(32) Priority Date	:19/04/2002	Address of Applicant :S-151 85 SÄDERTÄLJE, SWEDEN . Sweden	
(33) Name of priority country	:Sweden	(72)Name of Inventor :	
(86) International Application No	:PCT/SE03/00617	1)SVERKER HANSON	
Filing Date	:15/04/2003	2)GUNNAR NORDVALL	
(87) International Publication No	:WO 03/089430	3)ANNA-KARIN TIDEN	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 49

No of Claims : 12

(57) Abstract :
There is disclosed the use of a compound of formula (Ia) or (Ib) wherein R1, R2, R3, R4, X and Y are as defined in the specification, and pharmaceutically acceptable salts thereof, in the manufacture of a medicament, for the treatment or prophylaxis of diseases or conditions in which inhibition of the enzyme myeloperoxidase (MPO) is beneficial. Certain novel compounds of formula (Ia) or (Ib) and pharmaceutically acceptable salts thereof are disclosed, together with processes for their preparation. The compounds of formulae (Ia) and (Ib) are MPO inhibitors and are thereby particularly useful in the treatment or prophylaxis of neuroinflammatory disorders.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2842/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :27/06/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : "IMAGE PROJECTION SYSTEM COMPRISING A SINGLE IMAGER WHICH IS EQUIPPED WITH PHOTSENSITIVE SENSORS FOR THE IDENTIFICATION OF ILLUMINATION COLOURS"

(51) International classification	:H04N 9/31
(31) Priority Document No	:0300228
(32) Priority Date	:07/01/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2004/050003
Filing Date	:05/01/2004
(87) International Publication No	:WO 2004/062294
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THOMSON LICENSING S.A.
Address of Applicant :46 QUAI ALPHONSE LE GALLO, F-92100
BOULOGNE-BILLANCOURT, FRANCE. France
(72)**Name of Inventor :**
1)KHALED SARAYEDDINE
2)LAURENT BLONDE

No of Pages : 20

No of Claims : 8

(57) Abstract :

System comprising an illumination system for moving bands of different colored light over the light valve, means for identifying the illumination color of each row of pixels of this light valve, means of managing video data of said images to control the writing of the pixels, means of synchronizing the video data sent to each row of pixels according to the illumination color of said row, identified by the identification means. The identification means comprise, level with certain rows of pixels of the light valve, at least one photosensitive sensor incorporated in the substrate and designed to identify in real time the illumination color of each row.

(54) Title of the invention : "GROOVED SINGLE FACER CORRUGATOR BELT"

(51) International classification	:B31F 1/28	(71)Name of Applicant :
(31) Priority Document No	:10/720,902	1)ALBANY INTERNATIONAL CORP.
(32) Priority Date	:24/11/2003	Address of Applicant :1373 BROADWAY,ALBANY,NEW YORK
(33) Name of priority country	:U.S.A.	12204,UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2004/031236	(72)Name of Inventor :
Filing Date	:23/09/2004	1)ALAN L.BILLINGS
(87) International Publication No	:WO 2005/056281	2)GREGORY ZILKER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 38No of Claims : 16

(57) Abstract :
The present invention relates to a single facer corrugator belt (40) having a base structure. The base structure (66) includes an inside (60) and an outside surface (62) and a machine or running direction and a cross machine direction. The base structure (66) is formed by machine direction yarns (70) and cross machine direction yarns (68) and has grooves (64) formed in a surface of the base structure. Alternatively, the corrugator belt (40) may include holes formed in a surface of the base structure (66).

(54) Title of the invention : "INSECTICIDAL N-(HETEROARYLALKYL) ALKANEDIAMINE DERIVATIVES"

(51) International classification :A01N 43/08 (31) Priority Document No :60/526,760 (32) Priority Date :04/12/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2004/040284 Filing Date :02/12/2004 (87) International Publication No :WO 2005/055715 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA		(71)Name of Applicant : 1)FMC CORPORATION Address of Applicant :1735 MARKET STREET PHILADELPHIA PENNSHYLVANIA 19103,UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor : 1)DAVID M.ROUSH 2)JOHN F.CHIARELLO 3)JIANMING YU 4)BENJAMIN J,DUGAN 5)GEORGE THEODORIDIS 6)MANORAMA M.PATEL 7)WALTER H.YEAGER 8)STEVEN W.SZCZEPANSKI

No of Pages : 119

No of Claims : 16

(57) Abstract :
Certain noel N-(heteroarylalkyl)alkanediamine derivatives have provided unexpected insecticidal and acaricidal activity. These compounds are represented by formula I: wherein Ar, a, r, R, Ra, Rb, Rc, Rd, b, c, Re, Rf, Rg, Rh, R5, d, e, U, V, X, WR6 and R7 are fully described herein. In addition, compositions comprising an insecticidally effective amount of at least one compound of formula I, and optionally, an effective amount of at least one of a second compound, with at least one insecticidally compatible carrier are also disclosed; along with methods of controlling insects comprising applying said compositions to a locus where insects are present or are expected to be present.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2888/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "COMPOSITIONS FOR THE TREATMENT OF DISEASES OF THE ORAL CAVITY AND UPPER RESPIRATORY TRACT"

(51) International classification	:A61K 31/35
(31) Priority Document No	:MI2003A002287
(32) Priority Date	:24/11/2003
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2004/012472
Filing Date	:04/11/2004
(87) International Publication No	:WO 2005/053719
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INDENA S.P.A.
Address of Applicant :VIALE ORTLES, 12,I-20139 MILANO ITALY.
Italy
(72)**Name of Inventor :**
1)EZIO, BOMBARDELLI

No of Pages : 12

No of Claims : 17

(57) Abstract :

The present invention relates to compositions containing anthocyanosides and/or procyanidins in combination with floroglucinols for the treatment of the affections of the oral cavity and upper respiratory tract.

(12) PATENT APPLICATION PUBLICATION		(21) Application No.2889/DELNP/2006 A
(19) INDIA		
(22) Date of filing of Application :22/05/2006		(43) Publication Date : 20/04/2007
(54) Title of the invention : "NONBLOCKING AND DETERMINISTIC UNICAST PACKET SCHEDULING"		
(51) International classification	:H04L 12/28	(71) Name of Applicant :
(31) Priority Document No	:60/516,057	1)TEAK TECHNOLOGIES INC
(32) Priority Date	:30/10/2003	Address of Applicant :2901 TASMAN DRIVE SUITE #210,SANTA
(33) Name of priority country	:U.S.A.	CLARA CA 95054 UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2004/035954	(72) Name of Inventor :
Filing Date	:29/10/2004	1)KONDA VENKAT
(87) International Publication No	:WO 2005/045633	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 89

No of Claims : 114

(57) Abstract :

A system for scheduling unicast packets through an interconnection network, comprising r1, input ports with each input port having r2 input queues, r2 output ports with each output port having r1 output queues, and the interconnection network having a speedup of at least with, Formula (I), subnetworks, and each subnetwork comprising at least one first internal link connected to each input port for a total of at least r1 first internal links, each subnetwork further comprising at least one second internal link connected to each output port for a total of at least r2 second internal links is operated in strictly nonblocking manner in accordance with the invention by scheduling, at most r1 packets in each switching time to be switched in at most r1 switching times when $r1 \leq r2$ and at most r2 packets in each switching time to be switched in at most r1 switching times when $r2 \leq r1$ in deterministic manner, and without the requirement of segmentation and reassembly of packets. The system is also operated at 100% throughput, work conserving, fair, and yet deterministically thereby never congesting the output ports. The system performs only one iteration for arbitration, and with mathematical minimum speedup in the interconnection network. The system operates with absolutely no packet reordering issues, no internal buffering of packets in the interconnection network, and hence in a truly cut-through and distributed manner. In one embodiment, the system is operated in strictly nonblocking manner with only one subnetwork and with double switching rate through the subnetwork. In another embodiment, the system is operated in rearrangeably nonblocking manner with a speedup of at least, Formula (II), in the interconnection network. When the number of input ports r1 is equal to the number of output ports Pi, and $r1 = r2 = r$, the interconnection network having a speedup of at least, Formula (III), is operated in strictly nonblocking and deterministic manner in accordance with the invention by scheduling at most r packets in each switching time to be switched in at most r switching times. And with a speedup of at least, Formula (IV), in the interconnection network, the system is operated

(12) PATENT APPLICATION PUBLICATION		(21) Application No.2890/DELNP/2006 A
(19) INDIA		
(22) Date of filing of Application :22/05/2006		(43) Publication Date : 20/04/2007
(54) Title of the invention : "NONBLOCKING AND DETERMINISTIC MULTIRATE&NBSP;MULTICAST PACKET SCHEDULING"		
(51) International classification	:H04L	(71) Name of Applicant :
(31) Priority Document No	:60/515,985	1)TEAK TECHNOLOGIES, INC.
(32) Priority Date	:30/10/2003	Address of Applicant :2901 TASMAN DRIVE, SUITE # 210, SANTA
(33) Name of priority country	:U.S.A.	CLARA, CA 95054,U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/036052	(72) Name of Inventor :
Filing Date	:29/10/2004	1)KONDA, VENKAT
(87) International Publication No	:WO 2005/048501	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 106

No of Claims : 124

(57) Abstract :

A system for scheduling multirate multicast packets with rate weight through an interconnection network, comprising r, input ports with each input port having r_j input queues, r₂ output ports with each output port having r_v, output queues, and the interconnection network having a speedup of at least (I) with s subnetworks, and each subnetwork comprising at least one first internal link connected to each input, port for a total of at least r, first internal links, each subnetwork further comprising at least one second internal link connected to each output port for a total of at least r? second internal links is operated in strictly nonblocking manner in accordance with the invention by scheduling corresponding to the packet-rate weight, at most r\ packets in each switching time to be switched in at most r_j switching times when r\, < r₂l and at most ^packets in each switching time to be switched in at most r\, switching times when /i Â£ ri, in deterministic manner and without the requirement of segmentation and reassembly of packets. The scheduling is performed so that each multicast packet is . fan-out split through not more, than two interconnection networks, and not more than two switching times. The system is also operated at 100% throughput, work conserving, fair, and yet deterministically thereby never congesting the output ports. The system performs only one iteration for arbitration, and with mathematical minimum speedup in the interconnection network. The system operates with absolutely no packet reordering issues, no internal buffering of packets in the interconnection network, and hence in a truly cut-through and distributed manner. In one embodiment, the speedup is implemented with only one subnetwork and with triple switching rate through he subnetwork. In another embodiment, the system is operated in rearrangeably nonblocking manner with a speedup of at least II) in the interconnection network. When the number of input ports r\, is equal to the number of output ports ra, and r_j, = r₂ -, the interconnection network having a speedup of at least (DI), is operated in strictly nonblocking and, deterministic manner in .ccordance with the invention by scheduling corresponding to the packet rate weight, at most r packets in each switching time to be witched in at most r switching times. And with a speedup of at least (IV) in the interconnection network, the system is operated n J rearrangeably nonblocking and deterministic manner. The system also offers end to end guaranteed bandwidth and latency for ciiltrate multicast packets.from input ports to output ports, fa all the embodiments, the interconnection network may be crossbar network, shared memory network, clos network, hypercube network, or any internally nonblocking interconnection network or net-rark of networks.

(12) PATENT APPLICATION PUBLICATION		(21) Application No.2891/DELNP/2006 A
(19) INDIA		
(22) Date of filing of Application :22/05/2006		(43) Publication Date : 20/04/2007
(54) Title of the invention : "NONBLOCKING AND DETERMINISTIC MULTIRATE PACKET SCHEDULING"		
(51) International classification	:H04L	(71) Name of Applicant :
(31) Priority Document No	:60/516,265	1)TEAK TECHNOLOGIES INC
(32) Priority Date	:30/10/2003	Address of Applicant :2901 TASMAN DRIVE SUITE #210,SANTA
(33) Name of priority country	:U.S.A.	CLARA CA 95054 UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2004/036051	(72) Name of Inventor :
Filing Date	:29/10/2004	1)KONDA VENKAT
(87) International Publication No	:WO 2005/048500	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 101

No of Claims : 124

(57) Abstract :

J A system for scheduling multicast packets through an interconnection network, comprising rt input ports with each input port having input queues, TI output ports wjih each output port having n output queues, and the interconnccc lion network having a speedup of at least s with s subnetworks, and each subnetwork comprising at least one first internal link connected to each input port for a total of at feast rt first internal link, each subnetwork further comprising at least one second internal link connected to each output port for a total of at least r2 second internal links is operated in strictly nonlocking manner in accordance with the invention by scheduling, at most r(packets In each switching lime be switched in at most r; switching times when rig rj, and at most r2 packets in each switching time to be switched in at most rt switching times when rzcñ, in deterministic manner, and without the requirement of segmentation and reassembly of pockets. The scheduling is performed so that each multicast packet is fan-out split through not more than two interconnection networks and not more than two switching times. The system is also operated at 100 % throughout work conserving, fair, and yet dclcrminisbcally thereby never congesting the output ports. The system performs only one iteration fur arbitration, and with mathematical minimum speedup in the interconnection network. The system operates with absolutely no packet reordering issues, no internal buffering of packets in the Interconnection network, ami hence in a truly cut-through and distributed manner. In one embodiment, the speedup is implemented with only one interconnection network and with triple switching rate through the interconnection network. In another embodiment, the system is operated in rearrangeahly nonbtocking manner with a speedup of at least s in the interconnection network. When the number of input ports ri is equal to the number of output pans rz, and rt s r: x r, the interconnection network having a speedup of at least s, is operated in strictly nonblocking and deterministic manner in accordance with the invention by scheduling at most r packets in each switching time Â» be switched in at most r switching times. And with a speedup of at least s in the interconnection network, the system is operated in rearrangeabiy nonbtocking and deterministic manner. The system also offers end to end guaranteed bandwidth and latency for multicast packets from input ports to output pom. In all the embodiments, the interconnection network may crossbar network, shared memory network, cloi network, hypercube network, or any internally unblocking interconection network or network of networks.

(54) Title of the invention : "CONVEYOR FOR TRANSPORTING WORK PIECES IN A PRESS"

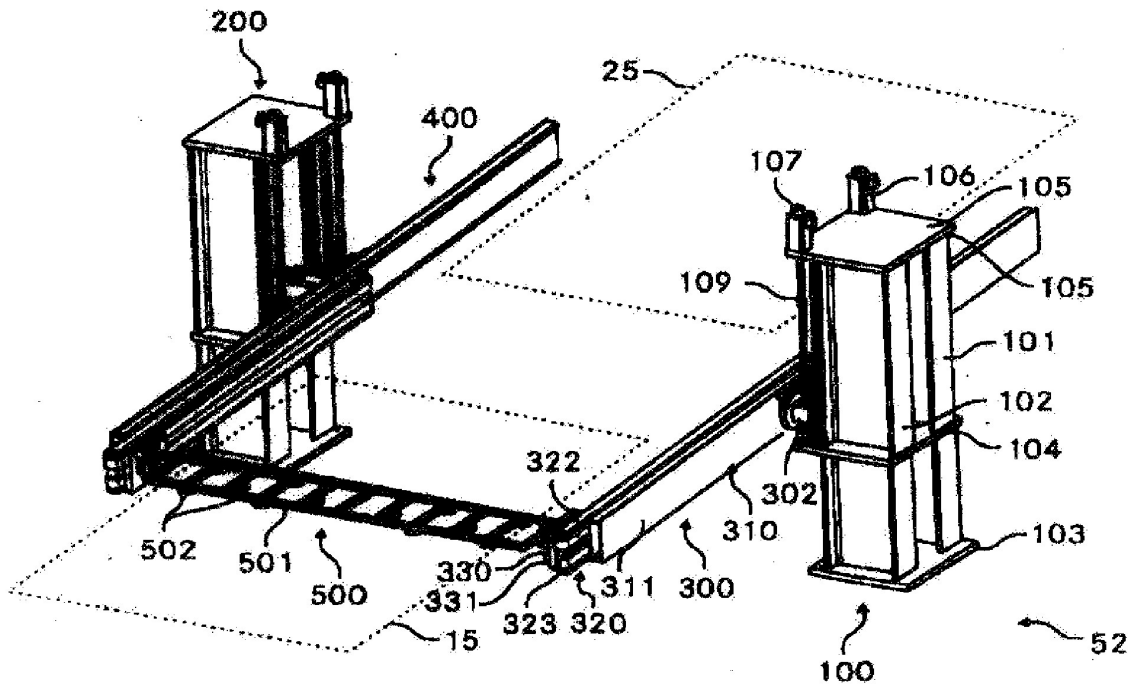
(51) International classification	:B21D 43/05	(71)Name of Applicant :	
(31) Priority Document No	:PCT/CH03/00780	1)GUDEL GROUP AG	
(32) Priority Date	:25/11/2003	Address of Applicant :C/O GUDEL AG,GASWERKSTRASSE 26,CH -	
(33) Name of priority country	:Switzerland	4900 LANGENTHAL SWITZERLAND Switzerland	
(86) International Application No	:PCT/CH2004/000710	(72)Name of Inventor :	
Filing Date	:25/11/2004	1)HEID RUDOLF	
(87) International Publication No	:WO 2005/051563	2)KURT HANS-ULRICH	
(61) Patent of Addition to Application Number	:NA	3)LEHMANN ULRICH	
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 42

No of Claims : 19

(57) Abstract :

A conveyor for transporting work pieces in a press, in particular a press line or multiple-die press, from a first station to a second station adjacent to the first station, comprises at least one lateral beam (300, 400) arranged on a side of the press, essentially extending parallel to a transport direction of the conveyor (52), at least one bar (500) having grippers (502) for gripping the work piece to be transported, whereby the bar (500) is attached to the lateral beam (300,400) in such a way that it is movable along a longitudinal extension of the beam (300, 400); and for each lateral beam (300, 400) an assembly (100, 200) for supporting the lateral beam (300, 400). The assembly (100, 200) comprises a pivoting mechanism (106, 107, 108, 109, 301, 302) for pivoting the lateral beam (300,400) around a horizontal pivotal axis perpendicular to the transport direction, and the grippers (502) are rotatably movable for at least compensating a change of orientation of the work piece due to the pivoting of the lateral beam (300,400).



(54) Title of the invention : "GLOBE WITH MAP DETAIL DISPLAY"

(51) International classification	:G09B 27/00	(71)Name of Applicant :
(31) Priority Document No	:10/691,893	1)ALVIN S. BLUM
(32) Priority Date	:23/10/2003	Address of Applicant :2350 DEL MAR PLACE, FORT LAUDERDALE,
(33) Name of priority country	:U.S.A.	FL 33301 U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/034289	(72)Name of Inventor :
Filing Date	:18/10/2004	1)ALVIN S. BLUM
(87) International Publication No	:WO 2005/043488	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 15

(57) Abstract :

A spherical world globe (4") with geographic features imprinted on its surface rotates on an axis (2") through the poles. The sphere is not large enough to carry legible details of all areas. Greater details are stored in a memory (12") such as a compact disc. An indicator (8") on the sphere is positionable north and south or the sphere is positionable relative to a fixed indicator to position the indicator along a north/south meridian. A sensor (IT) senses the north/south position of the indicator and sends a signal to a control circuit (19) connected to the memory. Another sensor (10") connected to the rotation of the sphere sends and east/west signal to the control circuit. Using the two signals, the circuit finds the area corresponding to the area selected on the sphere in the memory and displays it on a display in greater detail than is visible on the sphere.

(54) Title of the invention : "MICRO-OPTIC SECURITY AND IMAGE PRESENTATION SYSTEM"

(51) International classification	:G01B 15/02	(71) Name of Applicant :
(31) Priority Document No	:60/524,281	1)NANOVENTIONS INC Q
(32) Priority Date	:21/11/2003	Address of Applicant :1245 OLD ALPHARETTA ROAD
(33) Name of priority country	:U.S.A.	ALPHARETTA GA 30005 UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2004/039315	(72) Name of Inventor :
Filing Date	:22/11/2004	1)STEENBLIK RICHARD A
(87) International Publication No	:WO 2005/052650	2)HURT MARK J.
(61) Patent of Addition to Application Number	:NA	3)JORDAN GREGORY R.
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 125

No of Claims : 89

(57) Abstract :

A film material utilizing a regular two-dimensional array of non-cylindrical lenses to enlarge micro-images, called icons, to form a synthetically magnified image through the united performance of a multiplicity of individual lens/icon image systems. The synthetic magnification micro-optic system includes one or more optical spacers (5), a micro-image formed of a periodic planar array of a plurality of image icons (4) having an axis of symmetry about at least one of its planar axes and positioned on or next to the optical spacer (5), and a periodic planar array of image icon focusing elements (1) having an axis of symmetry about at least one of its planar axes, the axis of symmetry being the same planar axis as that of the micro-image planar array (4). A number of distinctive visual effects, such as three-dimensional and motion effects, can be provided by the present system.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2895/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : PULSE-BASED COMMUNICATION

(51) International classification	:H04B 1/69
(31) Priority Document No	:20031665
(32) Priority Date	:17/11/2003
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2004/000674
Filing Date	:12/11/2004
(87) International Publication No	:WO 2005/048478
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant :KEILALAHDENTIE 4, FIN-02150 ESPOO,
FINLAND Finland
(72)**Name of Inventor :**
1)REUNAMAKI, JUKKA
2)PALIN, ARTO

No of Pages : 25

No of Claims : 20

(57) Abstract :

The invention relates to a method for broadband communication. The method comprises transmitting a sequence of pulses or impulses at a pulse repetition frequency from a first communication device to another device via a wireless link, The method further comprises adjusting the pulse repetition frequency based on channel delay spread measurements performed by said another device.

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF ALKENYLATED HYDROXYLATED AROMATIC COMPOUNDS, OF CHROMAN COMPOUNDS AND OF THEIR ACYLATED DERIVATIVES

(51) International classification	:C07C 37/11
(31) Priority Document No	:03027992.1
(32) Priority Date	:05/12/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/013788
Filing Date	:03/12/2004
(87) International Publication No	:WO 2005/054223
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DSM IP ASSETS B.V.

Address of Applicant :HET OVERLOON 1, NL-6411 TE HEERLEN, THE NETHERLANDS Netherlands

(72)Name of Inventor :

1)BONRATH, WERNER**2)FORICHER, YANN****3)NETSCHER, THOMAS****4)WILDERMANN, ANGELA**

No of Pages : 55

No of Claims : 23

(57) Abstract :

The present invention relates to a novel process for the manufacture of alkenylated aromatic compounds featuring at least one hydroxy group, their ring-closure reactions to chroman derivatives, as well as the acylation of the latter and the aromatic compounds featuring at least one hydroxy group themselves. The present invention relates especially to a process for the manufacture of tocol, tocopherols and their alkanoates such as alpha-tocopherol (TCP) and alkanoates (TCPA) thereof, preferably alpha-tocopheryl acetate (TCPAc). The processes of the present invention are characterized in that at least one step of the processes is carried out in the presence of an indium salt as the catalyst. Thus, an object of the present invention is the use of an indium salt as the catalyst in Friedel-Crafts alkylation reactions of aromatic compounds featuring at least one hydroxy group and ring-closure reactions of the latter to produce chroman-ring compounds in organic solvents. According to another aspect of the invention indium salts can be used as the catalyst in processes for the manufacture of toacyl alkanoates, tocopheryl alkanoates and alkanoates of aromatic compounds featuring at least one hydroxy group by reacting tocols, tocopherol and aromatic compounds featuring at least one hydroxy group, respectively, with an acylating agent. Suitable indium salts are indium(III) salts, especially indium trichloride, indium tribromide or indium triiodide, indium(III) triflate, indium(III) bis(trifluoromethanesulfonamide) and indium(III) acetate. In preferred embodiments of the invention the processes are carried out at a pressure of at least 0.96 bar, whereby the acylation can be carried out at an absolute pressure of at least 0.02 bar.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2897/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD TO SUPPORT MOBILE IP MOBILITY IN 3GPP NETWORKS WITH SIP ESTABLISHED COMMUNICATIONS

(51) International classification	:H04L 29/06
(31) Priority Document No	:60/530,982
(32) Priority Date	:22/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2004/004256
Filing Date	:15/12/2004
(87) International Publication No	:WO 2005/064890
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant :KEILALAHDENTIE 4, FIN-02150 ESPOO,
FINLAND Finland
(72)**Name of Inventor :**
1)LE, FRANCK
2)FACCIN, STEFANO
3)PURNADI, RENE
4)GRECH, SANDRO

No of Pages : 64

No of Claims : 54

(57) Abstract :

The invention proposes a method for controlling a connection between a first network node and a second network node, wherein the connection is controlled by a packet filtering function filtering packets such that a packet is discarded in case a source address and/or a destination address do not comply with a filtering rule, wherein the packet filtering function is configured at a connection set up, and at least one of the first or second network node is adapted to change its address, the method comprising the steps of informing the packet filtering function about the new address of the network node having changed its address, and updating the packet filter of the packet filtering function by using the new address of the network node having changed its address. The invention also proposes a corresponding network system comprising at least a network node and a packet filtering network element. Furthermore, the invention proposes a corresponding packet filtering network device.

(54) Title of the invention : PCM MOLD AND BATTERY HAVING THE SAME"

(51) International classification	:H01M 10/00	(71)Name of Applicant :
(31) Priority Document No	:10-2003-0088528	1)LG CHEM, LTD
(32) Priority Date	:08/12/2003	Address of Applicant :20, YOIDO-DONG, YOUNGDUNGPO-GU,
(33) Name of priority country	:Republic of Korea	SEOUL 150-721, REPUBLIC OF KOREA Republic of Korea
(86) International Application No	:PCT/KR2004/002882	(72)Name of Inventor :
Filing Date	:09/11/2004	1)KI EOB MOON
(87) International Publication No	:WO 2005/055343	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 8

(57) Abstract :

The present invention provides a protection circuit module (PCM) insert injection mold, and a batteiy having the same. The PCM insert injection mold is made by inserting a PCM, including a plate having protection circuit formed thereon and connection terminals and optionally leads, with the protection circuit plate, connection terminals and leads being electrically connected, into an inner space of a mold, and injecting a molten resin into the inner space of the mold such that the leads are partially exposed to the outside where the PCM includes the leads, or such that the connection terminals are partially exposed to the outside where the PCM does not include the leads. Since the PCM is prepared by insert injection molding under the condition that the protection circuit and battery cell are not connected, i.e., that power is not applied to a battery, the PCM can be molded using general resins, is electrically stable, does not require a coating step for preventing short circuit, and is rare electrically damaged.

(54) Title of the invention : "PROCESS TO REDUCE THE PRE-REDUCTION STEP FOR CATALYSTS FOR NANOCARBON SYNTHESIS"

(51) International classification	:B01J 23/28	(71)Name of Applicant :
(31) Priority Document No	:10/719,923	1)COLUMBIAN CHEMICALS COMPANY
(32) Priority Date	:21/11/2003	Address of Applicant :1800 WAST OAK COMMONS COURT,
(33) Name of priority country	:U.S.A.	MARIETTA, GEORGIA 30062, U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/039001	(72)Name of Inventor :
Filing Date	:19/11/2004	1)BHABENDRA K. PRADHAN
(87) International Publication No	:WO 2005/052228	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 24

(57) Abstract :

A process to eliminate or reduce the pre-reduction step lor catalysts for nano-carbon synthesis by first, heating a metal oxide ut 5 degrees C/min to 350 - 500 degrees C for 70-90 minutes under 10 - 20% hydrogen; optionally holding the temperature for 10 to 60 minutes; then initiating carbonaceous feedstock flow.

(54) Title of the invention : "METHOD FOR THE HYDRODEHALOGENATION OF HALOGENATED META-CRESOLS"

(51) International classification	:C07C 37/00	(71)Name of Applicant :
(31) Priority Document No	:103 59 794.8	1)LANXESS DEUTSCHLAND GMBH
(32) Priority Date	:19/12/2003	Address of Applicant :51369 LEVERKUSEN, GERMANY, Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/013877	1)MICHAEL PIES
Filing Date	:07/12/2004	2)KLAUS SCHONAUER
(87) International Publication No	:WO 2005/063663	3)VOLKER HASSMANN
(61) Patent of Addition to Application Number	:NA	4)HERMANN UHR
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 10

(57) Abstract :

The invention relates to a method for hydrodehalogenating halogenated meta-cresols of formula (I), wherein the radicals R1 to R* have the meaning indicated in the description. Said method is characterized in that halogenated meta-cresols of formula (I) are contacted with a catalyst along with water at temperatures ranging between 100 and 250 Â°C, said catalyst being produced by applying one or several palladium salts and/or platinum salts and optional copper salts onto an aluminum oxide carrier material or titanium dioxide carrier material.

(54) Title of the invention : "SPRAY-CONGEAL PROCESS USING AN EXTRUDER FOR PREPARING MULTIPARCULATE AZITHROMYCIN COMPOSITISONS CONTAINING PREFERABLY A POLOXAMER AND A GLYCERIDE"

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date :A61K 31/00 :60/527,244 :04/12/2003 :U.S.A. :PCT/IB04/003839 :22/11/2004 :WO 2005/053653 :NA :NA :NA :NA		(71)Name of Applicant : 1)PFIZER PRODUCTS INC Address of Applicant :EASTERN POINT ROAD GROTON CONNECTICUT 06340 UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor : 1)LEAH ELIZABETH APPEL 2)MARSHALL DAVID CREW 3)DWAYNE THOMAS FRIESEN 4)SCOTT MAX HERBIG 5)STEVEN ROSS LEMOTT 6)JULIAN BELKNAP LO 7)DAVID KEITH LYON 8)SCOTT BALDWIN MCCRAY 9)DAVID DIXON NEWBOLD 10)RODERICK JACK RAY 11)JAMES BLAIR WEST

No of Pages : 74

No of Claims : 16

(57) Abstract :

Azithromycin multiparticulates containing acceptably low concentrations of azithromycin esters are formed by a melt congeal process using an atomizer and extruder.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2902/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "AZITHROMYCIN MULTIPARTICULATE DOSAGE FORMS BY LIQUID-BASED PROCESSES"

(51) International classification :A61K 31/7048		(71)Name of Applicant :
(31) Priority Document No :60/527, 405		1)PFIZER PRODUCTS INC
(32) Priority Date :04/12/2003		Address of Applicant :EASTERN POINT ROAD, GROTON,
(33) Name of priority country :U.S.A.		CONNECTICUT 06340, USA U.S.A.
(86) International Application No :PCT/IB2004/003911		(72)Name of Inventor :
Filing Date :29/11/2004		1)LEAH ELIZABETH APPEL
(87) International Publication No :WO 2005/053640		2)MARSHALL DAVID CREW
(61) Patent of Addition to Application Number :NA		3)DWAYNE THOMAS FRIESEN
Filing Date :NA		4)DAVID KEITH LYON
(62) Divisional to to Application Number :NA		5)SCOTT BALDWIN MCCRAY
Filing Date :NA		6)RODERICK JACK RAY
		7)JAMES BLAIR WEST

No of Pages : 40

No of Claims : 18

(57) Abstract :

Liquid-based processes are disclosed for forming azithromycin multiparticulates having minimal amounts of azithromycin esters.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2903/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "INTERACTIVE PHONE BOOK"

(51) International classification	:H04M 1/2745
(31) Priority Document No	:03 888 080.8
(32) Priority Date	:27/11/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/012486
Filing Date	:02/11/2004
(87) International Publication No	:WO 2005/053279
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SONY ERICSSON MOBILE COMMUNICATIONS AB
Address of Applicant :S-221 88 LUND, SWEDEN Sweden
(72)**Name of Inventor :**
1)PER ORGEN

No of Pages : 22

No of Claims : 10

(57) Abstract :

In a telecommunications device a number or address is selected from a stored list for initiating a call or sending a message from the telecommunications device to the number or address. The list comprises names and one or more numbers and/or addresses corresponding to each name, and the method comprises the steps of displaying at least some of said stored names, and highlighting one of said displayed names. The method further comprises the step of displaying the highlighted name together with a default one of the one or more numbers and/or addresses corresponding to the highlighted name. In this way there is provided a method of making phone calls or sending messages with as few key presses as possible and which provides a consistent interaction design regardless whether one single or multiple numbers is/are entered for a given contact person.

(54) Title of the invention : "BENZENESULFONYLAMINO-PYRIDIN-2-YL DERIVATIVES AND RELATED COMPOUNDS AS INHIBITORS OF 11-BETA -HYDROXY STEROID DEHYDROGENASE TYPE1(11-BETA-HSD-1)FOR THE TREATMENT OF DIABETES AND OBESITY"

(51) International classification :A61K 31/44
 (31) Priority Document No :60/531,186
 (32) Priority Date :19/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/IB2004/004056
 Filing Date :06/12/2004
 (87) International Publication No :WO 2005/060963
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)PFIZER INC

Address of Applicant :235 EAST 42ND STREET NEW YORK,NEW YORK 10017,UNITED STATES OF AMERICA U.S.A.

(72)Name of Inventor :

1)MARTIN PAUL EDWARDS**2)THEODORE OTTO JOHNSON JR****3)SAJIV KRISHNAN NAIR****4)MICHAEL SIU****5)WENDY DIANNE TAYLOR****6)STEPHAN JAMES CRIPPS****7)YONG WANG****8)HENGMAO CHENG****9)CHRISTOPHER RONALD SMITH**

No of Pages : 107

No of Claims : 19

(57) Abstract :

The present invention relates to compounds with the formula (I), or a pharmaceutically acceptable salt thereof, wherein: R1 is selected from the group consisting of (C1-C6)alkyl, -(CR3R4),(C3-C12)cycloalkyl, -(CR3R4),(C6-Cn)aryl, and -(CR3R4),(4-10)-membered heterocyclyl; b and k are each independently selected from 1 and 2; j is selected from the group consisting of 0, 1, and 2; t, u, p, q, and v are each independently selected from the group consisting of 0, 1, 2, 3, 4, and 5; T is a (6-10)-membered heterocyclyl containing at least one nitrogen atom; R2 is selected from the group consisting of H, (CpC^alkyl, -(CR3R4),(C3-C12)cycloalkyl, -(CR3R4),(C6-Cu)aryl, and -(CR3R4),(4-10)-membered heterocyclyl; each R3and R4 is independently selected from H and (Ci-C6)alkyl, the carbon atoms of T, R1, R2, R3 and R4 may each be optionally, substituted by I to 5 R3 groups; R5 is defined in the claims; The compounds of the present invention are 11 B-hsd-1 inhibitors, and are therefore believed to be useful in the treatment of diabetes, obesity, glaucoma, osteoporosis, cognitive disorders, immune disorders, depression, hypertension, and metabolic diseases.

(54) Title of the invention : "SYNERGISTIC INSECTICIDE MIXTURES"

(51) International classification	:A01N 47/34	(71)Name of Applicant :
(31) Priority Document No	:103 56820.4	1)BAYER CROPSCIENCE AKTIENGESELLSCHAFT
(32) Priority Date	:05/12/2003	Address of Applicant :ALFRED-NOBEL-STR. 50, 40789 MONHEIM,
(33) Name of priority country	:Germany	GERMANY Germany
(86) International Application No	:PCT/EP2004/013605	(72)Name of Inventor :
Filing Date	:01/12/2004	1)HEIKE HUNGENBERG
(87) International Publication No	:WO 2005/053394	2)LOTHAR NEUWINGER
(61) Patent of Addition to Application Number	:NA	3)WOLFGANG THIELERT
Filing Date	:NA	4)HOLGER WECKWERT
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 50

No of Claims : 10

(57) Abstract :
The invention relates to insecticidal mixtures comprising triflumuron and at least one further known active compound from the group of the chloronicotinyls and to the use of these mixtures for controlling animal pests.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2906/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "IMIDAZOLE DERIVATIVES, PROCESSES FOR PREPARING THEM AND THEIR USES"

(51) International classification	:C07D 207/263
(31) Priority Document No	:03027614.1
(32) Priority Date	:02/12/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/013516
Filing Date	:29/11/2004
(87) International Publication No	:WO 2005/054188
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UCB,S.A

Address of Applicant :ALLEE DE LA RECHERCHE 60 B-1070
BRUXELLES BELGIUM Belgium

(72)Name of Inventor :

1)BENOIT KENDA

2)PHILIPPE MICHEL

3)YANNICK QUESNEL

No of Pages : 101

No of Claims : 25

(57) Abstract :

The present invention relates to imidazole derivatives of the formula (I), processes for preparing them, pharmaceutical compositions containing them and their use as pharmaceuticals.

(54) Title of the invention : "MEDICAL LANCET".

(51) International classification	:A61B 5/15
(31) Priority Document No	:2003-422999
(32) Priority Date	:19/12/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/018781
Filing Date	:16/12/2004
(87) International Publication No	:WO 2005/058162
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LIGHTNIX, INC.Address of Applicant :2-6, KOTOEN 2-CHOME, NISHINOMIYA-SHI,
HYOGO 662-0812, JAPAN Japan

(72)Name of Inventor :

1)MITSUO FUKUDA**2)SEIJI AOYAGI**

No of Pages : 72

No of Claims : 26

(57) Abstract :

One of aspects of the present invention is to provide a medical needle extending along a predetermined direction and having a vertical cross-section taken along a plane perpendicular to the predetermined direction of which cross-sectional area varies based upon a distance from a needle tip. The medical needle includes a plurality of maximal points where the cross-sectional area of the vertical cross-section is locally maximal, and a plurality of minimal points where the cross-sectional area of the vertical cross-section is locally minimal. The vertical cross-section at the maximal point closest to the needle tip has the cross-sectional area not less than those at any other maximal points.

(54) Title of the invention : "BENZOYL AMINO PYRIDYL CARBOXYLIC ACID DERIVATIVES USEFUL AS GLUCOKINASE (GLK)ACTIVATORS"

(51) International classification	:C07D 213/80	(71)Name of Applicant :
(31) Priority Document No	:0328178.9	1)ASTRAZENECA AB ,
(32) Priority Date	:05/12/2003	Address of Applicant :S-151 85 SODERTALJIE SWEDEN. Sweden
(33) Name of priority country	:U.K.	(72)Name of Inventor :
(86) International Application No	:PCT/GB04/005068	1)PETER WILLIAM RODNEY CAULKETT
Filing Date	:02/12/2004	2)CRAIG JOHNSTONE
(87) International Publication No	:WO 2005/056530	3)DARREN MCKERRECHER
(61) Patent of Addition to Application Number	:NA	4)KURT GORDON PIKE
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 47No of Claims : 18

(57) Abstract :
A compound of Formula (I): Formula (I) wherein: R1 is selected from hydrogen and Ci.4alkyl; R2 is selected from: R4-C(R5aR5b)- , R4=C(R6)- and R7aC(R7b)=C(R6)-; R3 X- is selected from methyl, methoxymethyl and ; R4 is selected from (optionally substituted) Chalky!, phenyl, C3.6cycloalkyl and heteroaryl; R5a and R5b are independently selected from hydrogen, fluoro and Cj^alkyl; R6 is selected from hydrogen and Ci.4alkyl; R7a and R7b are optionally substituted Chalky!; or a salt, pro-drug or solvate thereof, are described. Their use as GLK activators, pharmaceutical compositions containing them, and processes for their preparation are also described.

(54) Title of the invention : "MULTI-ANTENNA TRANSMISSION FOR SPATIAL DIVISION MULTIPLE ACCESS"

(51) International classification	:H04B 7/04	(71)Name of Applicant :
(31) Priority Document No	:10/719,802	1)QUALCOMM INCORPORATED
(32) Priority Date	:21/11/2003	Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO,
(33) Name of priority country	:U.S.A.	CALIFORNIA 92121-1714, U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/037855	(72)Name of Inventor :
Filing Date	:12/11/2004	1)RODNEY J. WALTON
(87) International Publication No	:WO 2005/053186	2)JOHN W. KETCHUM
(61) Patent of Addition to Application Number	:NA	3)JOHN EDWARD SMEE
Filing Date	:NA	4)MARK S. WALLACE
(62) Divisional to to Application Number	:NA	5)STEVEN J. HOWARD
Filing Date	:NA	

No of Pages : 53

No of Claims : 52

(57) Abstract :

An uplink channel response matrix is obtained for each terminal and decomposed to obtain a steering vector used by the terminal to transmit on the uplink. An "effective" uplink channel response vector is formed for each terminal based on its steering vector and its channel response matrix. Multiple sets of terminals are evaluated based on their effective channel response vectors to determine the best set (e.g., with highest overall throughput) for uplink transmission. Each selected terminal performs spatial processing on its data symbol stream with its steering vector and transmits its spatially processed data symbol stream to an access point. The multiple selected terminals simultaneously transmit their data symbol streams via their respective MIMO channels to the access point. The access point performs receiver spatial processing on its received symbol streams in accordance with a receiver spatial processing technique to recover the data symbol streams transmitted by the selected terminals.

(54) Title of the invention : "APPARATUS AND METHOD FOR OPERATING A VALVE USING A CUSHION FILTER."

(51) International classification	:G05B 5/01	(71)Name of Applicant :	
(31) Priority Document No	:10/719,092	1)HONEYWELL INTERNATIONAL INC.,	
(32) Priority Date	:21/11/2003	Address of Applicant :101 COLUMBIA ROAD, P.O. BOX 2245,	
(33) Name of priority country	:U.S.A.	MORRISTOWN, NEW JERSEY 07960, U.S.A. U.S.A.	
(86) International Application No	:PCT/US2004/038928	(72)Name of Inventor :	
Filing Date	:19/11/2004	1)JOSEPH Z. LU.	
(87) International Publication No	:WO 2005/052710		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 40No of Claims : 14

(57) Abstract :
A method, system, and computer program arc provided for operating a valve using a cushion filler. The method, system, and computer program receive a process variable signal jsjociaiecl with operation of a valve. The method, system, and computer pro;nun filler the r""tcss variable *iÂ£nÂ») to produce a lilitrcÂ«J piwa* variable *ijna) uÂ»ins d cushion filter. The Cushion fiber implements a cushion in u bias u*Â») by ihc cushion Illi*r. Tho mulhud. system, and computer proÂ« win generate an output signal for adjmiinj the valve based at lean partially on the tillered process variable signal.

(54) Title of the invention : "APPRATUS AND METHOD FOR FILTERING A SIGNAL"

(51) International classification	:G05B 13/04	(71)Name of Applicant :	
(31) Priority Document No	:10/719,189	1)HONEYWELL INTERNATIONAL INC	
(32) Priority Date	:21/11/2003	Address of Applicant :101 COLUMBIA ROAD, P.O.BOX 2245,	
(33) Name of priority country	:U.S.A.	MORRISTOWN, NEW JERSEY 07960, USA U.S.A.	
(86) International Application No	:PCT/US2004/038871	(72)Name of Inventor :	
Filing Date	:19/11/2004	1)JOSEPH Z. LU	
(87) International Publication No	:WO 2005/052701		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 41No of Claims : 16

(57) Abstract :
A method and apparatus are provided for filtering a signal. The method and apparatus receive a sample of a signal being filtered and identify a bias associated with the sample. The method and apparatus also output an expected value for a prior sample of the signal being filtered combined with a portion of the bias, in order to reduce the effects of the external disturbances.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2913/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "METHOD FOR MODIFYING GENE EXPRESSION OF A PHYTOPATHOGENIC FUNGUS"

(51) International classification	:C12N 15/82
(31) Priority Document No	:0315228
(32) Priority Date	:23/12/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2004/003312
Filing Date	:20/12/2004
(87) International Publication No	:WO 2005/071091
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)RAPHAEL DUMAIN
3)STEPHANE PEYRARD
4)JEAN-MARC FERULLO
5)RONALD BEFFA

No of Pages : 54

No of Claims : 40

(57) Abstract :

The invention relates to a system for controlling the development of fungi during a phytopathogenic attack. The inventive system, according to the invention, consists in enabling a construct, which causes inhibition of expression of a gene which is essential to the development or the pathogenicity of the fungus, to be expressed to a plant. The invention also relates to plants and cells thus obtained.

(54) Title of the invention : "INFORMATION PROVINDING APPARATUS."

(51) International classification	:G01C 21/36	(71) Name of Applicant :
(31) Priority Document No	:2003-398410	1)SONY CORPORATION
(32) Priority Date	:28/11/2003	Address of Applicant :7-35, KITASHINAGAWA 6-CHOME,
(33) Name of priority country	:Japan	SHINAGAWA-KU, TOKYO 141-0001, JAPAN Japan
(86) International Application No	:PCT/JP2004/016802	(72) Name of Inventor :
Filing Date	:05/11/2004	1)TAKUMI ARIE
(87) International Publication No	:WO 2005/052514	2)HIDEYUKI UEMURA
(61) Patent of Addition to Application Number	:NA	3)SHINICHI HASEGAWA
Filing Date	:NA	4)HIROSHI AMANO
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 36

No of Claims : 6

(57) Abstract :

An information providing apparatus allowing appropriate confirmation of contents of information which assists travel of a mobile object, presented by an image display section, even when the image display section providing information which assists travel of the mobile object as an image display is placed under a condition producing vibration not smaller than a predetermined level. The equipment has an image display section (22) mounted in a vehicle and allowing image display of information which assists travel of the vehicle, a vibration sensor (44) detecting vibration not smaller than a predetermined level produced on the image display section (22) and sending a detection output signal, and an operation control section (30) modifying a display mode of information presented as an image display by the image display section (22), into the one having contents of the information are more readily recognizable, when the detection output signal from the vibration sensor (44) expresses that the image display section (22) is in a vibration-sustained state in which vibration not smaller than a predetermined level is sustained over a duration of time not shorter than a predetermined duration.

(54) Title of the invention : "CONNECTABLE CHAMBER FOR PORTHOLE TESTING"

(51) International classification :B63B 19/00
 (31) Priority Document No :2003133353
 (32) Priority Date :17/11/2003
 (33) Name of priority country :Russia
 (86) International Application No :PCT/RU2004/000437
 Filing Date :05/11/2004
 (87) International Publication No :WO 2005/047099
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

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3)IVANOV, ANATOLII VASILEVICH

4)NAUMENKO, VLADIMIR SERGEEVICH

No of Pages : 19

No of Claims : 5

(57) Abstract :

The invention relates to shipbuilding and can be used for strength and leakage tests of the portholes of low-volume submersible vehicles. A connectable chamber is used for increased external pressure testing of the submersible vehicle portholes (1) which are arranged in a cylindrical body (socket welded connection) (2) provided with a supporting flange (11). The body of a chamber (4) is embodied at least partially in the form of a spherical surface and comprises a joining flange (9) which is provided with an internal annular collar (10) embodied in such a way that it encompasses the porthole (1). A device (14) for pressing the body (4) against the socket welded connection (2) is embodied in the form of a banding ring (15) provided with a sectional annular insert (16) arranged therein inside the contact surfaces of the ring and insert being embodied in the form of the surface a truncated cone. The annular insert (16) is provided with an annular slot for simultaneously embracing the supporting (11) and joining (9) flanges. The ring (15) is tightened by bolts (17), whereby the perfect junction thereof to the annular insert (16) and the tight crimping of the spherical body of the chamber (4) through a sealing ring are maintained. A working medium is supplied inside the body (4) by an internal pressure source. The inventive device reduces the test duration, increases the reliability thereof and can be used directly during the submersible vehicle operation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2916/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/05/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : SYSTEM FOR POSITIONING A VESSEL, MAINLY A SUBMARINE SHIP

(51) International classification :B63C 1/12
(31) Priority Document No :2004100600
(32) Priority Date :05/01/2004
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2004/000511
Filing Date :17/12/2004
(87) International Publication No :WO 2005/066019
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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2)OZIMOV VIKTOR LEONIDOVICH

3)OSTAPENKO VITALY ALEKSEEVICH

4)FARAFONTOV YURY IVANOVICH

5)DOLGOPOLOV LEONID PAVLOVICH

6)SAVENKOV MIKHAIL VASILIEVICH

7)ZAINULIN OLEG FLORIDOVICH

No of Pages : 20

No of Claims : 16

(57) Abstract :

The invention relates to shipbuilding, in particular to means for guiding and docking floating objects, mainly submarine ships. The inventive system is used for guiding a submarine ship (1) on shallow water and consists of adjust buoyancy pontoons (2) and a vessel lifting device (3) comprising load-bearing elements which are embodied in the form of curved box beams (4) and provided with means for fixing to the pontoons on the ends thereof. Said system comprises at least two beams (4) which are mounted in such a way that at least one beam is disposed symmetrically to the vessel (1) centreline plane and fixed to supports (6) based on foundations (7) by means of quick-coupling elements (5) embodied in the form of a bayonet connection. Said foundation (7) is rigidly fixable to the main body (9) of the submarine ship (1). The beams can be also fixed by means of the standard devices of the submarine ship (1). During the adjustment of the normal surface draft of the submarine ship (1), the pontoons (2) are displaced and dried in such a way that it is possible to connect and fix said beams thereto. Afterwards, the buoyancy of the pontoons (2) is adjusted in a specified manner. Said invention makes it possible to prevent the damages of the body of the submarine ship and to simplify the guidance thereof to a dock. PATENT AGENT

(54) Title of the invention : "CONTROL OF CARBON NANOTUBE DIAMETER USING CVD OR PECVD GROWTH"

(51) International classification	:C01B 31/02	(71)Name of Applicant :
(31) Priority Document No	:10/689,675	1)INTERNATIONAL BUSINESS MACHINES CORPORATION
(32) Priority Date	:22/10/2003	Address of Applicant :NEW ORCHARD ROAD, ARMONK, NY 10504,
(33) Name of priority country	:U.S.A.	USA. U.S.A.
(86) International Application No	:PCT/EP2004/052547	(72)Name of Inventor :
Filing Date	:14/10/2004	1)GRILL ALLFRED
(87) International Publication No	:WO 2005/040453	2)NEUMAYER DEBORAH
(61) Patent of Addition to Application Number	:NA	3)SINGH DINKAR
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23No of Claims : 20

(57) Abstract :
The diameter of carbon nanotubes grown by chemical vapor deposition is controlled independent of the catalyst size by controlling the residence time of reactive gases in the reactor.

(54) Title of the invention : "CONTENT DISTRIBUTION SYSTEMS AND METHODS"

(51) International classification	:G06Q 30/00	(71) Name of Applicant :
(31) Priority Document No	:60/512,947	1)MMC ENTERTAINMENT GROUP, INC,
(32) Priority Date	:20/10/2003	Address of Applicant :1733 DELL AVEUNE, CAMPBELL, CA 95008
(33) Name of priority country	:U.S.A.	USA.. U.S.A.
(86) International Application No	:PCT/US2004/034950	(72) Name of Inventor :
Filing Date	:20/10/2004	1)WIDERGREN ROBERT D.
(87) International Publication No	:WO 2005/041471	2)GERMERAAD PAUL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17No of Claims : 20

(57) Abstract :
An electronic device comprises a first interface operable to receive from a user a selection of a first data set (300) and a processor coupled to the first interface. The processor is operable to access the selected first data set, determine if the user is authorized (300) lo receive the first data set, and store the first data (300), set the first data set on a memory device (340).

(54) Title of the invention : "METHOD, SYSTEM AND ARTICLE FOR DYNAMIC REAL-TIME STREAM AGGREGATION IN A NETWORK"

(51) International classification :H04L 29/06
 (31) Priority Document No :10/692,124
 (32) Priority Date :23/10/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP2004/051966
 Filing Date :31/08/2004
 (87) International Publication No :WO 2005/041521
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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USA U.S.A.

(72)Name of Inventor :

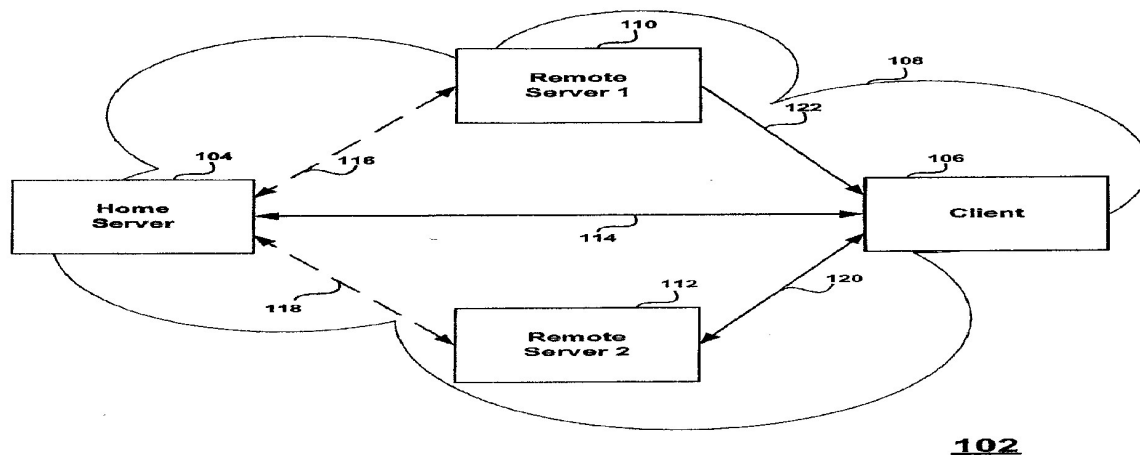
1)VENKATSUBRA VENKAT**2)JAIN VINIT,**

No of Pages : 30

No of Claims : 26

(57) Abstract :

A graphic user interface of a network client (106) includes a stock ticker from a stock server (110) and a news sidebar from a news server (112) over the IP addresses advertised to the client (106) in its list of multi-homed addresses from the video server (104) specified under Stream Control Transmission Protocol (SCTP). The client accepts real-time data from the stock exchange server and the news agency server on the multi-homed IP addresses designated in the association with the video server (104) without knowing that the data is coming from a different source than the video server (104). The real-time data feeds from the video, stock and news servers are aggregated on the client (106) with enhanced speed because the feeds come directly to the client and not via the video server. The operating systems of the home server and remote servers utilize SCTP and specialized commands to implement the enhanced speed of real-time data aggregation being streamed to network clients without requiring modifications to existing client systems.

Fig. 1

(54) Title of the invention : "RECOMBINANT ADENYLATE CYCLASE OF BORDETELLA SP FOR DIAGNOSTIC AND IMMUNOMONITORING USES, METHOD OF DIAGNOSING OR IMMUNOMONITORING USING SAID RECOMBINANT ADENYLATE CYCLASE, AND KIT FOR DIAGNOSING OR IMMUNOMONITORING COMPRISING SAID RECOMBIANT ADENYLATE CYCLASE"

(51) International classification :G01N 33/50
 (31) Priority Document No :60/523,704
 (32) Priority Date :21/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP2004/014087
 Filing Date :19/11/2004
 (87) International Publication No :WO 2005/054851
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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2)INSERM (INSTITUTE NATIONAL DE LA SANTE DE LA ET RECHERCHE MEDICALE)**3)UNIVERSITE DE PRAGUE, CZECH ACADEMY OF SCIENCES****4)VETERINARY LABORATORIES AGENCY-WEYBRIDGE****5)IMPERIAL COLLEGE LONDON**

(72)Name of Inventor :

1)LECLERC CLAUDE**2)MAJLESSI LALEH****3)LOUF GERALDINE****4)SEBO PETER****5)SIMSOVA MARCELA****6)VORDERMEIER MARTIN****7)WILKINSON ROBERT****8)SCHOVINCK ELISABETH****9)LOUCKA JIRINA**

No of Pages : 105

No of Claims : 45

(57) Abstract :

Diagnostic testing and immunomonitoring that uses genetically detoxified Bordetella pertussis CyaA as a delivery system are effective in tracking any immune responses, such as those generated by infectious and non-infectious diseases, or vaccinations, for example. T cells previously stimulated by a given antigen can be restimulated in vitro by the same antigen fused or chemically coupled to CyaA or a fragment thereof. The invention includes diagnostic tests and immunomonitoring for tuberculosis by providing a delivery system, which can deliver the M. tuberculosis immunodominant proteins ESAT-6 and CFP-10, to human cells and non-human animal cells, such as cattle. In addition, fusion proteins between CyaA and cancer antigens are also provided as diagnostic tests and immunomonitoring systems for cancers, such as melanoma.

(54) Title of the invention : "SYSTEM AND METHOD FOR FAILOVER"

(51) International classification	:G06F 11/20	(71) Name of Applicant :
(31) Priority Document No	:10/718,616	1)TSX INC.
(32) Priority Date	:24/11/2003	Address of Applicant :130 KING STREET WEST, TORONTO,
(33) Name of priority country	:U.S.A.	ONTARIO M5X 1J2 CANADA Canada
(86) International Application No	:PCT/CA2004/000038	(72) Name of Inventor :
Filing Date	:12/01/2004	1)ALLEN GREGORY ARTHUR
(87) International Publication No	:WO 2005/050449	2)MOROSAN TUDOR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 51No of Claims : 38

(57) Abstract :
The present invention provides a novel system and method for failover. In an embodiment, a primary server and a backup server are available to a plurality of clients. Messages containing requests are processed by the primary server, while a mirror image of transaction records generated by the processing of those requests is maintained in volatile memory of both the , primiry server and the backup server. In this mode of operation, the volatile memory is periodically flushed to non-volati e memory.

(54) Title of the invention : "HIGH DATA RATE INTERFACE WITH IMPROVED LINK SYNCHRONIZATION"

(51) International classification	:H04L 12/28
(31) Priority Document No	:60/525,270
(32) Priority Date	:25/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/039697
Filing Date	:24/11/2004
(87) International Publication No	:WO 2005/053272
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)ANDERSON JON JAMES**2)STEELE BRIAN****3)WILEY GEORGE A.****4)SHEKHAR SHASHANK**

No of Pages : 272

No of Claims : 39

(57) Abstract :

A data Interface for transferring digital data between a host and a client over a communication path using packet structures linked together to form a communication protocol for communicating a pre-selected set of digital control and presentation data. The signal protocol is used by link controllers configured to generate, transmit, and receive packets forming the communications protocol, and to form digital data into one or more types of data packets, with at least one residing in the host device and being coupled to the client through the communications path. The interface provides a cost-effective, low power, bi-directional, high-speed data transfer mechanism over a short-range "serial" type data link, which lends itself to implementation with miniature connectors and thin flexible cables which are especially useful in connecting display elements such as wearable micro-displays to portable computers and wireless communication devices.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2940/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :29/09/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD FOR SYNTHESIS OF GEIKELITE - A MANTLE OXIDE

(51) International classification	:C22B 34/00
(31) Priority Document No	:03816513.0
(32) Priority Date	:13/10/2005
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IN03/00098
Filing Date	:31/03/2003
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 8

No of Claims : 9

(57) Abstract :

The present invention relates to a method for the synthesis of geikielite, a mantle oxide by thermal decomposition of hydrous magnesium nitrate and titanium hydroxide. The method of the invention is simple and economical.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3029/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :05/10/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : "A COMBINATION PRODUCT COMPRISING AN ANTI-COAGULANT AND ANTI-ARRHYTHMIC OXABISPIDENES"

(51) International classification	:A61K 38/06
(31) Priority Document No	:0201374-6
(32) Priority Date	:06/05/2002
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE03/00719
Filing Date	:05/05/2003
(87) International Publication No	:WO 03/092720
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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2)ELISABETH SVERNHAGE

No of Pages : 50

No of Claims : 28

(57) Abstract :

There is provided a combination product comprising: (1) an anti-coagulant; and (1) a compound as defined in claim 1 of WO 01/28992 or (2) a compound of Claim 34 of WO 01/28992 or (3) Compound A or B or C or D (or pharmaceutically-acceptable salts thereof) for use in treating arrhythmia or a coagulation controlled complication thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3033/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :05/10/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : "A COMBINATION PRODUCT COMPRISING MELAGATRAN AND AN ANTI-ARRHYTHMIC OXABISPIDENES"

(51) International classification	:A61K 38/06
(31) Priority Document No	:0201373-8
(32) Priority Date	:06/05/2002
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SB03/00720
Filing Date	:05/05/2003
(87) International Publication No	:WO 03/092721
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)ELISABETH SVERNHAGE

No of Pages : 37

No of Claims : 14

(57) Abstract :

There is provided a combination product comprising: (1) melagatran or a pharmaceutically-acceptable derivative thereof; and (1) a compound as defined in claim 1 of WO 01/28992 or (2) a compound of Claim 34 of WO 01/28992 or (3) Compound A or B or C or D (or pharmaceutically-acceptable salts thereof) for use in treating arrhythmia or a coagulation controlled complication thereof.

(54) Title of the invention : "CIRCUIT AND METHOD FOR DRIVING A LIGHT-EMITTING DISPLAY"

(51) International classification	:G09G 3/32	(71) Name of Applicant :
(31) Priority Document No	:10360816.8	1)THOMSON LICENSING
(32) Priority Date	:23/12/2003	Address of Applicant :46 QUAI A. LE GALLO, 92100 BOULOGNE-
(33) Name of priority country	:Germany	BILLANCOURT, FRANCE France
(86) International Application No	:PCT/EP2004/013124	(72) Name of Inventor :
Filing Date	:18/11/2004	1)THILO MARX
(87) International Publication No	:WO 2005/064582	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 40

No of Claims : 10

(57) Abstract :

The invention proposes a circuit for an element 3 of a light-emitting display. The element comprises a current control means 4, first and second switching means 12, 10 and a light-emitting means 8. In one embodiment, a signal holding means 6 is provided. In addition, a light-emitting display having a plurality of elements 3 is proposed. Furthermore, a method for driving the elements 3 and the light-emitting display is proposed, and also a control signal for use with the method.

(54) Title of the invention : "METHOD OF SPECTROSCOPY"

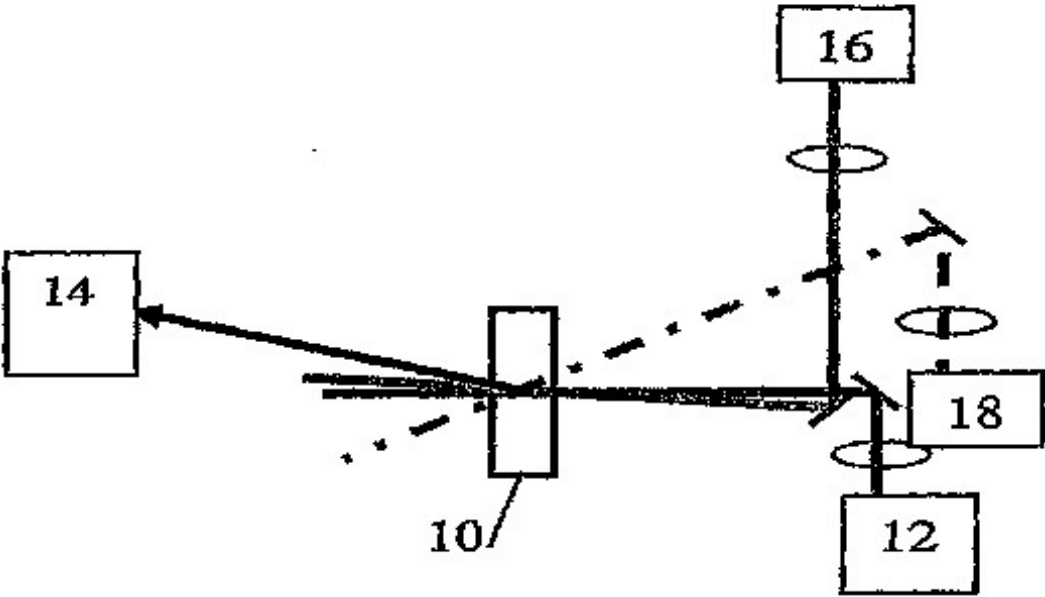
(51) International classification	:G01J 3/10	(71)Name of Applicant :	
(31) Priority Document No	:0326088.2	1)IMPERIAL COLLEGE INNOVATIONS LIMITED	
(32) Priority Date	:07/11/2003	Address of Applicant :ELECTRICAL AND ELECTRONIC	
(33) Name of priority country	:U.K.	ENGINEERING BUILDING, LEVEL 12, IMPERIAL COLLEGE,	
(86) International Application No	:PCT/GB2004/004693	EXHIBITION ROAD, LONDON SW7 2AW, GREAT BRITAIN U.K.	
Filing Date	:05/11/2004	(72)Name of Inventor :	
(87) International Publication No	:WO 2005/047832	1)KLUG, DAVID	
(61) Patent of Addition to Application Number	:NA	2)PALMER, JASON, DONALD	
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 16

No of Claims : 13

(57) Abstract :

A spectroscopy method and apparatus comprises an excitation source arranged to excite a vibrational mode of a sample and provide multi-dimensional spectral information by varying the excitation in a time or frequency domain. A parameter of a further excitation source or of the sample is controlled so as to provide coherence spectroscopy by ensuring that a non-resonant local oscillator field generated in the sample dominates a homodyne signal generated in the sample. As a result heterodyne detection is achieved in a manner allowing an output signal linearly dependent upon concentration providing improved sensitivity. In an alternative embodiment where heterodyning is not used, an ultraviolet or visible excitation excites an electronic resonance, whereafter fluorescence is measured.



(54) Title of the invention : "REMEDY FOR ANGITIS"		
(51) International classification	:A61K 45/00	(71)Name of Applicant :
(31) Priority Document No	:2003-423517	1)CHUGAI SEIYAKU KABUSHIKI KAISHA
(32) Priority Date	:19/12/2003	Address of Applicant :5-1, UKIMA 5-CHOME, KITA-KU, TOKYO
(33) Name of priority country	:Japan	1158543, JAPAN Japan
(86) International Application No	:PCT/JP2004/019463	(72)Name of Inventor :
Filing Date	:17/12/2004	1)NISHIMOTO, NORIHIRO
(87) International Publication No	:WO 2005/061000	2)KISHIMOTO, TADAMITSU
(61) Patent of Addition to Application Number	:NA	3)NAKAHARA, HIDEKO
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 52No of Claims : 42

(57) Abstract :

To provide a preventive and/or therapeutic agent for vasculitis such as polyarteritis nodosa, the aortitis syndrome, and a vasculitis that is associated with immunological abnormalities, said agent comprising an interleukin-6 (IL-6) antagonist as an active ingredient.

(54) Title of the invention : "PROCESS FOR PRODUCTION OF (METH) ACRYLIC ACID OR (METH) ACROLEIN"

(51) International classification	:C07C 45/33	(71)Name of Applicant :
(31) Priority Document No	:2003-416718	1)MITSUBISHI CHEMICAL CORPORATION
(32) Priority Date	:15/12/2003	Address of Applicant :33-8, SHIBA 5-CHOME, MINATO-KU, TOKYO
(33) Name of priority country	:Japan	108-0014 JAPAN. Japan
(86) International Application No	:PCT/JP2004/016287	(72)Name of Inventor :
Filing Date	:27/10/2004	1)SHUHEI YADA
(87) International Publication No	:WO 2005/058785	2)YASUSHI OGAWA
(61) Patent of Addition to Application Number	:NA	3)YOSHIRO SUZUKI
Filing Date	:NA	4)KIMIKATSU JINNO
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 62No of Claims : 6

(57) Abstract :
An object of the present invention is to provide that, in a process for the production of (meth) acrolein or (meth)acrylic acid by a gas-phase catalytic oxidation reaction of a substance to be oxidized such as propylene, propane, isobutylene and (meth)acrolein with molecular oxygen or molecular oxygen-containing gas using a multi-tubular reactor equipped with one or more catalyst layer (s) in a direction of tube axis, a sudden rise of temperature is suppressed even after changing the reaction condition for raising the reaction temperature for enhancing the production velocity whereby inactivation of the catalyst is prevented and a stable production is carried out. The present invention relates to a process where a change in the reaction condition for raising the reaction temperature is conducted by changing the temperature of the heat medium for the adjustment of reaction temperature at the inlet equipped with the above-mentioned multi-tubular reactor and, at that time, (1) change in the inlet temperature of the heat medium is conducted at not higher than 2Â°C for each changing operation and (2) when another changing operation is continuously conducted, the changing operation is conducted where the time interval from the changing operation immediately before that is made not shorter than 10 minutes.

(54) Title of the invention : "AIR PRESSURE PROPORTIONAL DAMPER"

(51) International classification	:F16F 9/00	(71)Name of Applicant :
(31) Priority Document No	:10/738,341	1)TENNECO AUTOMOTIVE OPERATING COMPANY INC.
(32) Priority Date	:17/12/2003	Address of Applicant :500 NORTH FIELD DRIVE, LAKE FOREST,
(33) Name of priority country	:U.S.A.	ILLINOIS 60045, U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/031698	(72)Name of Inventor :
Filing Date	:27/09/2004	1)LEMMENS LUC
(87) International Publication No	:WO 2005/068870	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 17

(57) Abstract :

A suspension system includes an air spring and a shock absorber disposed between the sprung and unsprung portions of a vehicle. A vehicle height sensor sends signals to a control system which adjusts the height of the vehicle by increasing or decreasing the air pressure within the spring. This same air pressure is provided to the shock absorber in order to increase the damping rate for high loads and decrease the damping rate for low loads. The air pressure to the shock absorber is provided to a valve assembly which controls fluid flow between the working chamber of the shock absorber and a reserve chamber.

(54) Title of the invention : "UNIVERSAL JOINT YOKE"

(51) International classification	:F16D 3/26	(71)Name of Applicant :
(31) Priority Document No	:2003-401693	1)JTEKT CORPORATION
(32) Priority Date	:01/12/2003	Address of Applicant :5-8, MINAMISEMBA 3-CHOME, CHUO-KU,
(33) Name of priority country	:Japan	OSAKA-SHI, OSAKA 542-8502, JAPAN Japan
(86) International Application No	:PCT/JP2004/018088	2)KOYO MACHINE INDUSTRIES CO., LTD.
Filing Date	:29/11/2004	(72)Name of Inventor :
(87) International Publication No	:WO 2005/054700	1)KINME SHIGETAKA
(61) Patent of Addition to Application Number	:NA	2)KAMIKAWA TAE
Filing Date	:NA	3)UENO MASAKO
(62) Divisional to to Application Number	:NA	4)INOUE SEIJUN
Filing Date	:NA	5)IKEDA KATSUHIKO

No of Pages : 19

No of Claims : 12

(57) Abstract :

A universal joint yoke (1) is formed by press-forming a sheet metal (60) whose thickness is 8mm or more. The yoke (1) comprises tabs (2, 3) formed of a pair of mutually parallel flat plates. First end portions (2a, 3a) of the tabs (2, 3) are coupled to each other by a coupling portion (4) . A cylindrical portion (5) to which a shaft (30) is joined extends from the coupling portion (4) . From second end portions (2b, 3b) to intermediate portions (2c, 3c) of the tabs (2, 3), relief recesses (9, 10) are formed on the inside surfaces (7, 8) of the tabs (2a, 3a), respectively. By the relief recesses (9, 10), a columnar relief space (11) is defined between the tabs (2, 3) . The cylindrical portion (5) includes a slit (14) extending in an axial direction of the cylindrical portion (5) .

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3260/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "USE OF ALGINATE MATRICES TO CONTROL CELL GROWTH"

(51) International classification	:A61F 2/02
(31) Priority Document No	:60/531,917
(32) Priority Date	:23/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043681
Filing Date	:23/12/2004
(87) International Publication No	:WO 2005/063147
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MELVIK JAN EGIL
2)DORNISH MICHAEL

No of Pages : 46

No of Claims : 37

(57) Abstract :

Methods of inhibiting proliferation of a plurality of proliferating cells are disclosed. Methods of inhibiting cell overgrowth on compositions that are in an animal's body are disclosed. Methods of inhibiting cell overgrowth on a device that is in an animal's body are disclosed. Devices that have on their exterior surface an alginate matrix that comprises Strontium are disclosed. Compositions comprising an alginate body and alginate sheets that each comprise a single layer of cells coating the exterior surface of the alginate body are disclosed. Methods of preparing an artificial tissue are disclosed. Devices comprising cells encapsulated within an alginate matrix and/or maintained as a monolayer on an alginate body, and methods of making and using the same are disclosed. Methods of coating compositions and devices are disclosed.

(54) Title of the invention : "SUSTAINED RELEASE TORSEMIDE DOSAGE FORMS"

(51) International classification	:A61K 9/22	(71)Name of Applicant :
(31) Priority Document No	:60/529,138	1)PENWEST PHARMACEUTICALS CO.
(32) Priority Date	:12/12/2003	Address of Applicant :2981 ROUTE 22, PATTERSON, NEW YORK,
(33) Name of priority country	:U.S.A.	12563, U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/041963	(72)Name of Inventor :
Filing Date	:10/12/2004	1)SANGHVI PRADEEP
(87) International Publication No	:WO 2005/058286	2)KETSELA, SARA
(61) Patent of Addition to Application Number	:NA	3)SCIASCIA, THOMAS
Filing Date	:NA	4)JAWORSKI, THEODORE, JOSEPH
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 56

No of Claims : 27

(57) Abstract :
A sustained release pharmaceutical formulation comprising torsemide or pharmaceutically acceptable salt thereof.

(54) Title of the invention : RECORDING MONO PRIMARY AND SAP OR PRIMARY STEREO

(51) International classification :H04N 5/91
 (31) Priority Document No :60/518,545
 (32) Priority Date :07/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/037127
 Filing Date :05/11/2004
 (87) International Publication No :WO 2005/048598
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

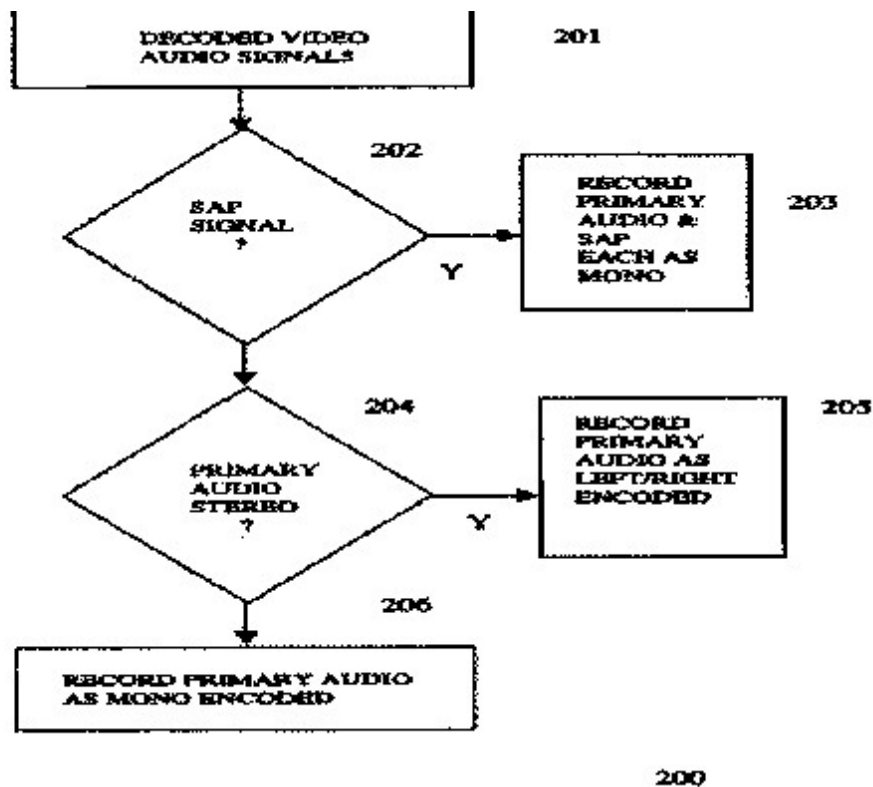
(71)Name of Applicant :
1)THOMSON LICENSING
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 (72)Name of Inventor :
1)JONES, RICHARD, EARL

No of Pages : 11

No of Claims : 14

(57) Abstract :

A method of receiving audio components of a signal and decoding (201), enabling recording of a first primary audio component and a second SAP, as mono signals based on an input signal (203) and enabling recording of the first primary as a stereo (205), when only the first primary audio is contained in the signal.



(54) Title of the invention : "ALKYLAMINO, ARYLAMINO, AND SULFONAMIDO CYCLOPENTYL AMIDE MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY"

(51) International classification :A61K 31/4375 (31) Priority Document No :60/533,892 (32) Priority Date :02/01/2004 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2004/043777 Filing Date :29/12/2004 (87) International Publication No :WO 2005/067502 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA		(71)Name of Applicant : 1)MERCK & CO., INC Address of Applicant :126 EAST LINCOLN AVENUE, RAHWAY, NEW JERSEY 07065-0907(US), U.S.A. (72)Name of Inventor : 1)GOBLE STEPHEN D 2)YANG LIHU 3)ZHOU CHANGYOU 4)KOTHANDARAMAN SHANKARAN 5)ZHOU CHANGYOU 6)YANG LIHU 7)YANG LIHU 8)YANG LIHU 9)GUIADEEN DEODIALSINGH 10)BUTORA GABOR 11)PASTERNAK ALEXANDER 12)MILLIS SANDER G,

No of Pages : 112

No of Claims : 35

(57) Abstract :
Compounds of the formula (I) which are modulators of chemokine receptor activity useful in the prevention or treatment of certain inflammatory and immunoregulatory disorders and diseases, allergic diseases, atopic conditions including allergic rhinitis, der matitis, conjuntivitis, and asthma, as well as autoimmune pathologies such as rheumatoid arthritis and atherosclerosis, and pharmaceutical compositions comprising these compounds and the use of these compounds and compositions in the prevention or treatment of such diseases in which chemokine receptors are involved.

(54) Title of the invention : ANTI-INFLAMMATORY AGENTS

(51) International classification :A61K 31/55
 (31) Priority Document No :0327775.3
 (32) Priority Date :01/12/2003
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2004/005030
 Filing Date :30/11/2004
 (87) International Publication No :WO 2005/053702
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

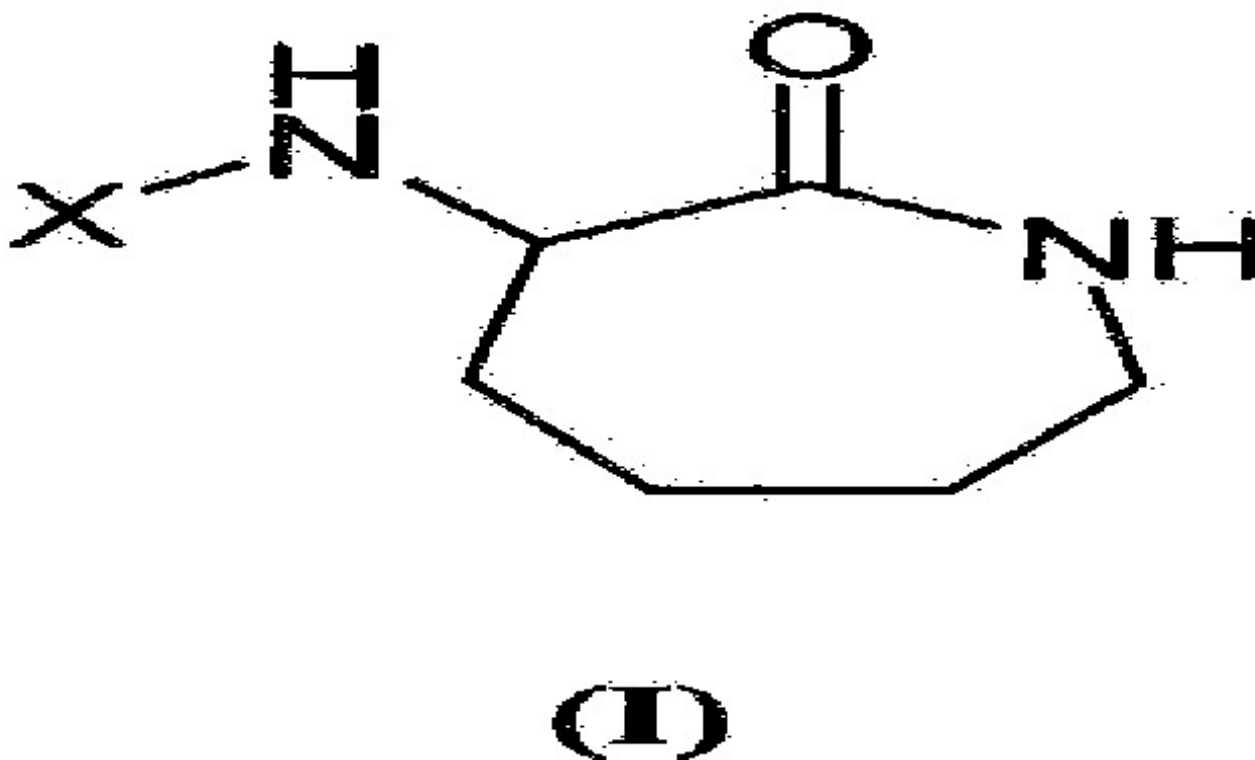
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1)GRAINGER, DAVID, JOHN
2)FOX, DAVID, JOHN

No of Pages : 65

No of Claims : 26

(57) Abstract :

The invention relates to the use of 3-aminocaprolactam derivatives for preparing a medicament intended to prevent or treat inflammatory disorders, and uses compounds of general formula (I) or a pharmaceutically acceptable salts thereof; wherein X is -CO-R1 or -SO2-R2, and R1 and R2 are carbonaceous substituents.



(54) Title of the invention : A METHOD OF IMPLEMENTING MULTI-PARTY CONFERENCE SERVICE IN CARRYING AND CONTROLLING SEPARATE NETWORKS

(51) International classification	:H04L 12/18	(71)Name of Applicant :
(31) Priority Document No	:200310113424.0	1)ZTE CORPORATION
(32) Priority Date	:10/11/2003	Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH
(33) Name of priority country	:China	INDUSTRIAL PARK, NANSHAH DISTRICT, 510857 SHENZHEN CITY,
(86) International Application No	:PCT/CN2004/000671	GUANGDONG PROVINCE 518057, P.R. CHINA China
Filing Date	:22/06/2004	(72)Name of Inventor :
(87) International Publication No	:WO 2005/046124	1)SHI, SONG
(61) Patent of Addition to Application Number	:NA	2)ZHANG, YINHUA
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 76No of Claims : 29

(57) Abstract :
The present invention discloses a method for realizing multi-party conference services in network with NGN network Architecture, which provides service processes for opening multiple multi-party conference services on Mc interface between MGC media gateway controller and MGW media gateway, such as the services of establishment, release, maintaining of multi-party conference etc.. Since the multi-party conference services realizing various service processes is conducive to opening message flow on Mc interface, that is, to fix the message flow on Mc interface when realizing multi-party conference service in network with NGN network Architecture, when different manufactures interconnect with each other, the measurability of Mc interface can be guaranteed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3292/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "TUNEABLE RESONANT GRATING FILTERS"

(51) International classification	:G02B 5/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2003/014917
Filing Date	:24/12/2003
(87) International Publication No	:WO 2005/064365
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)GIULIA PIETRA
2)GIACOMO MARIA GORNI

No of Pages : 44

No of Claims : 15

(57) Abstract :

The invention relates to a tunable resonant grating filter that can reflect optical radiation at a resonant wavelength, said resonant wavelength being selectively variable. The filter comprises a diffraction grating, a planar waveguide and a light transmissive material having a selectively variable refractive index to permit tuning of the filter, said light transmissive material forming a tunable cladding layer for the waveguide, preferably a liquid crystal (LC) material. The diffraction grating is placed on the opposite side of the tunable layer with respect to the planar waveguide thereby making possible to tailor the grating structural parameters to the desired bandwidth of the filter response without significantly affecting the tunability of the filter. Within the resonant structure of the present invention, the core layer, i.e., the waveguide, can be placed close to the tunable layer, either in direct contact with the tunable layer or with an interposed relatively thin intermediate layer(s) between the core and the tunable layer. Proximity of the core layer to the tunable layer implies that the propagation mode can significantly extend into the tunable layer so that the effective refractive index of the fundamental mode in the waveguide is efficiently affected by variations of the refractive index of the tunable layer.

(54) Title of the invention : "METHOD AND ARRANGEMENT FOR PRODUCING PROPELLANT FOR CHARGES WITH HIGH CHARGE DENSITY AND HIGH PROGRESSIVITY"

(51) International classification :F42B 1/00
 (31) Priority Document No :0303301-6
 (32) Priority Date :09/12/2003
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2004/001821
 Filing Date :08/12/2004
 (87) International Publication No :WO 2005/057124
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

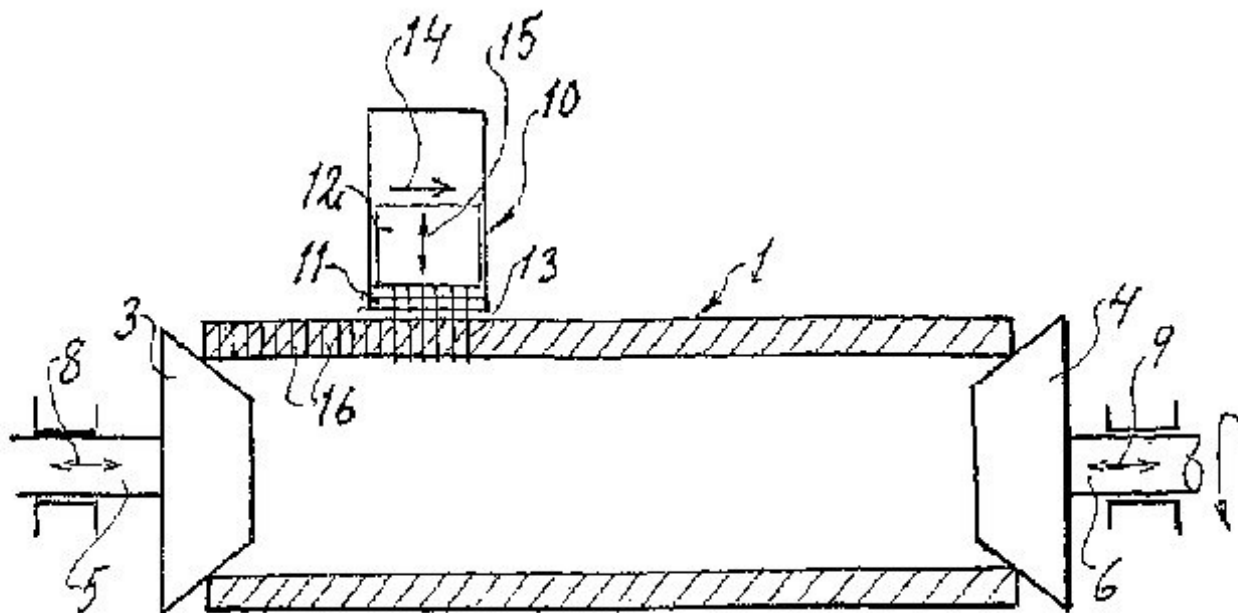
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1)JOHAN DAHLBERG

No of Pages : 24

No of Claims : 13

(57) Abstract :

The present invention relates to a method and an arrangement for the production of radially perforated, cylindrical propellant tubes (1, 23, 31). The invention is based on the underlying idea that the respective propellant tube (1, 23, 31) must be fixed and centred between its own open ends and thereafter to be perforated in stages in a large number of consecutive perforation operations by means of one or more pins (13) capable of displacement in a pin die (10) relative to the propellant tube towards and at least through the major proportion of the cylindrical wall of the propellant tube. Also included in the invention is the requirement for the displacement, between each perforation operation, of the propellant tube and the pin die (10) used for the preparation operation in such a way relative to one another that the propellant tube, after a complete perforation operation, shall be covered in its entirety by perforations (32, 33, 35, 36), which lie at a predetermined e-dimension distance from one another.



(54) Title of the invention : "MULTIPLE IMAGING ARRANGEMENTS FOR HEAD MOUNTED"

(51) International classification :H01 13/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/US2003/039756
 Filing Date :12/12/2003
 (87) International Publication No :WO 2005/062629 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

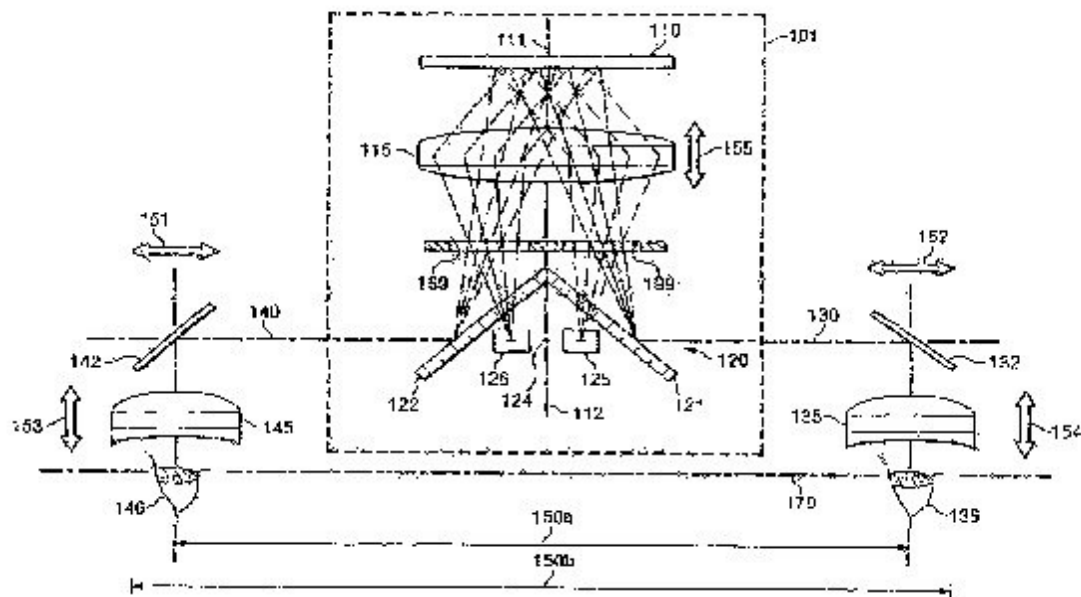
(71)Name of Applicant :
1)HEADPLAY INC.
 Address of Applicant :310, 6940 FISHER RD., S.E., CALGARY,
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 (72)Name of Inventor :
1)LASZLO DOMJAN
2)GABOR SZARVAS
3)SZABOLCS MIKE

No of Pages : 35

No of Claims : 58

(57) Abstract :

A head mounted display is disclosed that utilizes a single video display screen to transport images to both eyes. Multiple reflections are created by illuminating the display screen from a plurality of directions, or by illuminating the display screen with light beams of differing polarizations. The reflections of the display screen are focused in order to reduce the splitting volume and then redirected by a plurality of reflective surfaces located near the focal point of the display images. Different images may be sent to each eye of a user by interlacing multiple data streams for the display and linking each data stream with a specific illumination direction, or specific polarization.



(54) Title of the invention : "AMINO BENZIMIDAZOLES AND BENZIMIDAZOLES AS INHIBITORS OF RESPIRATORY SYNCYTIAL VIRUS REPLICATION"

(51) International classification :C07D 401/06
 (31) Priority Document No :03104797.0
 (32) Priority Date :18/12/2003
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2004/053613
 Filing Date :20/12/2004
 (87) International Publication No :WO 2005/058869
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

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5)FREDERIC MARC MAURICE DOUBLET

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7)RUDY EDMOND WILLEBRORDS

8)TOM VALERIUS JOSEPHA GEVERS

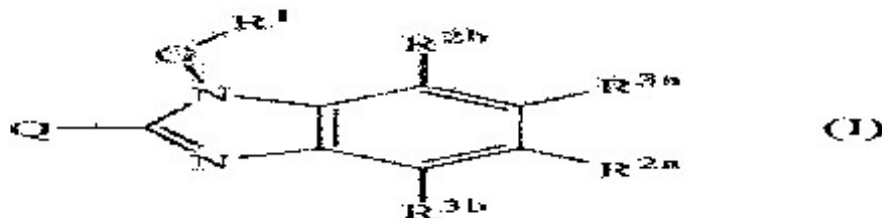
9)PHILIP MARIA MARTHA BERN TIMMERMAN

No of Pages : 104

No of Claims : 28

(57) Abstract :

Aminobenzimidazoles and benzimidazoles having inhibitory activity on RSV replication and having the formula (I) the prodrugs, N-oxides, addition salts, quaternary amines, metal complexes and stereochemically isomeric forms thereof; wherein G is a direct bond or C1-10alkanedyl optionally substituted with one or more hydroxy, (I) C1-6alkoxy, Ar1C1-6alkoxy, C1-6alkylthio, Ar1C1-6alkylthio, 11O(-CH2-CH2-O)n-C1-6alkoxy(-CH2-M2-O)n- or Ar1C1-6alkoxy(-CH2-C2-())n- R1 is Ar1 or a monocyclic or bicyclic heterocycle; Q is hydrogen, amino or mono- or di(C1-4alkyl)amino; one of R2a and R3a is selected from halo, optionally mono- or polysubstituted C1-6alkyl, optionally mono- or polysubstituted C2-6alkenyl, nitro, hydroxy, Ar2, N(R4aR4b), N(R4aR4b)sulfonyl, N(R4aR4b)carbonyl, C1-6alkoxy, Ar2oxy, Ar2C1-6alkoxy, carboxyl, C1-6alkyloxycarbonyl, or C(=Z)Ar2; and the other one of R2a and R3a is hydrogen; in case R2a is different from hydrogen then R2bis hydrogen, C1-6 alkyl or halogen and R3b is hydrogen; in case R3a is different from hydrogen then R3bis hydrogen, C1-6alkyl or halogen and R2bis hydrogen. Compositions containing these compounds as active ingredient and processes for preparing these compounds and compositions.



(54) Title of the invention : "LEAD-THROUGH MEANS FOR CABLES OR PIPES"

(51) International classification :H02G 3/22
 (31) Priority Document No :0303361-0
 (32) Priority Date :12/12/2003
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2004/001828
 Filing Date :08/12/2004
 (87) International Publication No :WO 2005/057749
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

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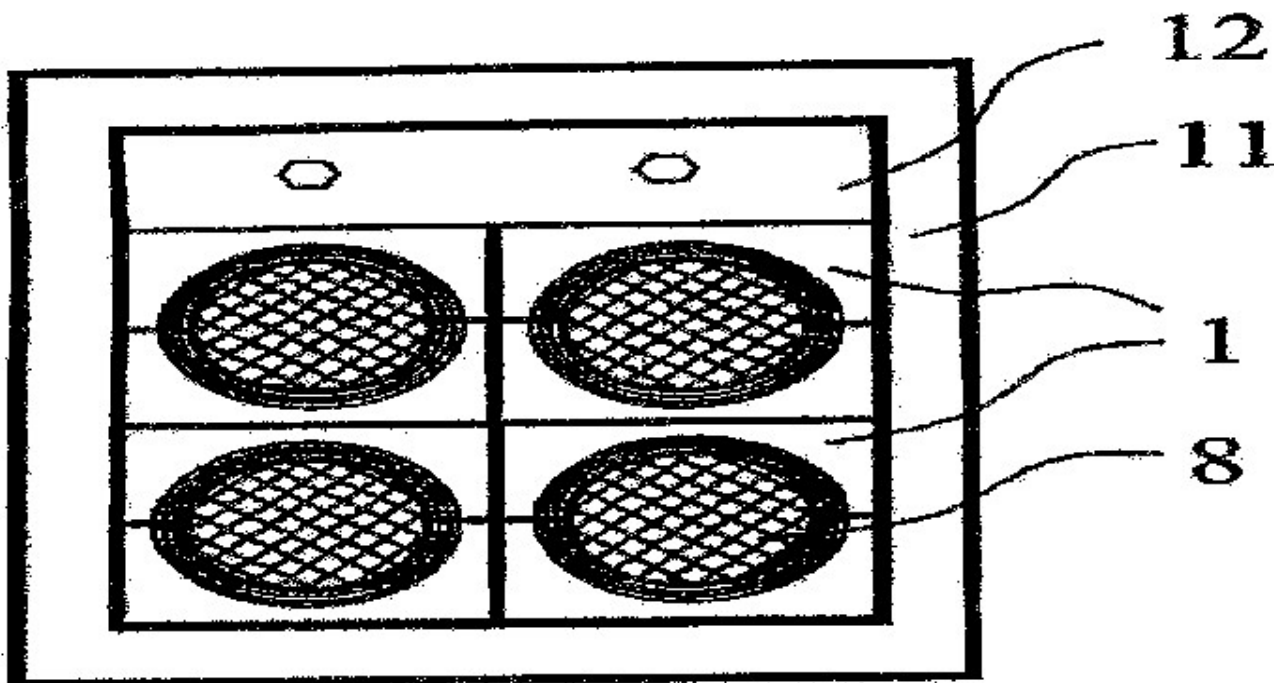
1)HANS HEDSTROM

No of Pages : 9

No of Claims : 2

(57) Abstract :

The invention concerns a lead-through means for cables or pipes comprising an outer frame (11) and having at least one sealing module (1) arranged inside the frame and which at least one module surrounds a cable or a pipe (8). The sealing module (1) is divided in its longitudinal direction and is built up with peel able sheets (3) for adaptation of its duct area to the actual cable or pipe (8) and which sealing module (1) is intended to fill out the opening of the frame (11) together with at least one expansion unit (12). The sealing module (1) has a dividing cut (2') for division into two halves which cut runs obliquely in relation to the longitudinal direction of the sealing module (1) or the longitudinal axis (5) of its duct (4), whereby at an adaptation of the sealing module (1) to the actual cable or pipe (8) one module half (1') may be turned 180° during a first stage to achieve a conical duct through the sealing module (1) at the same time as an oblique gap (6) is formed between the module halves (1, 20 1"). The module (1) may there after be adapted to the actual cable or pipe (8) until the module halves (1; 1") reach each other at the narrow end (6') of the gap (6) and which one half (1') during a second stage may be turned back 180°, whereby an even gap (7) having the correct measurements is obtained simultaneously with a complete sealing against the cable or pipe (8) going through the sealing module (1) and the frame (11) after activation of the expansion unit



(54) Title of the invention : "IMAGE DISPLAY SCREEN AND METHOD OF ADDRESSING SAID SCREEN"

(51) International classification :G09G 3/32
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/FR2004/003104
 Filing Date :02/12/2004
 (87) International Publication No :WO 2005/073948
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

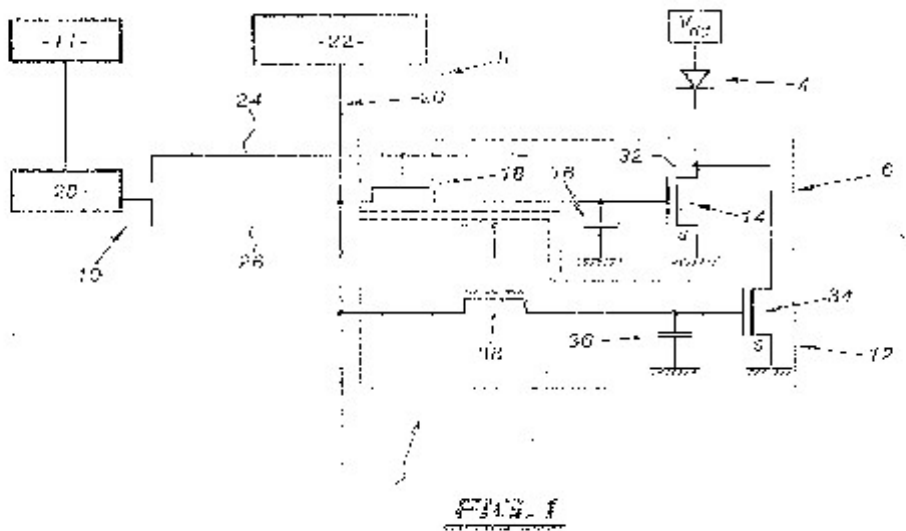
(71)Name of Applicant :
1)THOMSON LICENSING
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 (72)Name of Inventor :
1)PHILIPPE LE ROY
2)CHRISTOPHE PRAT
3)FABIEN AMMARDJI

No of Pages : 34

No of Claims : 13

(57) Abstract :

The invention concerns a display screen including: light emitters (4) distributed in rows of light emitters and columns of light emitters, a first addressing circuit (6, 14, 16, 18), associated with each light emitter of the array, said circuit (6) including a first current modulator (14) intended to power said light emitter (4) and a first storage capacitor (16) intended to store a potential at the gate electrode of the first current modulator (14). The screen includes at least a second addressing circuit (12, 34, 36, 38) for a light emitter, the first and the second addressing circuits being associated with the same light emitter, the second circuit including a second current modulator (34) for said light emitter and a second storage capacitor (36) intended to store a potential at the gate electrode of the second current modulator. The invention also concerns an addressing method for this screen.



(54) Title of the invention : "AIR-SEPARATION APPARATUS, INTEGRATED AIR-SEPARATION AND METAL-PRODUCTION APPARATUS AND METHOD OF STARTING ONE SUCH AIR-SEPARATION APPARATUS"

(51) International classification :F25J 3/04
 (31) Priority Document No :0351157
 (32) Priority Date :22/12/2003
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2004/050702
 Filing Date :16/12/2004
 (87) International Publication No :WO 2005/064251
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

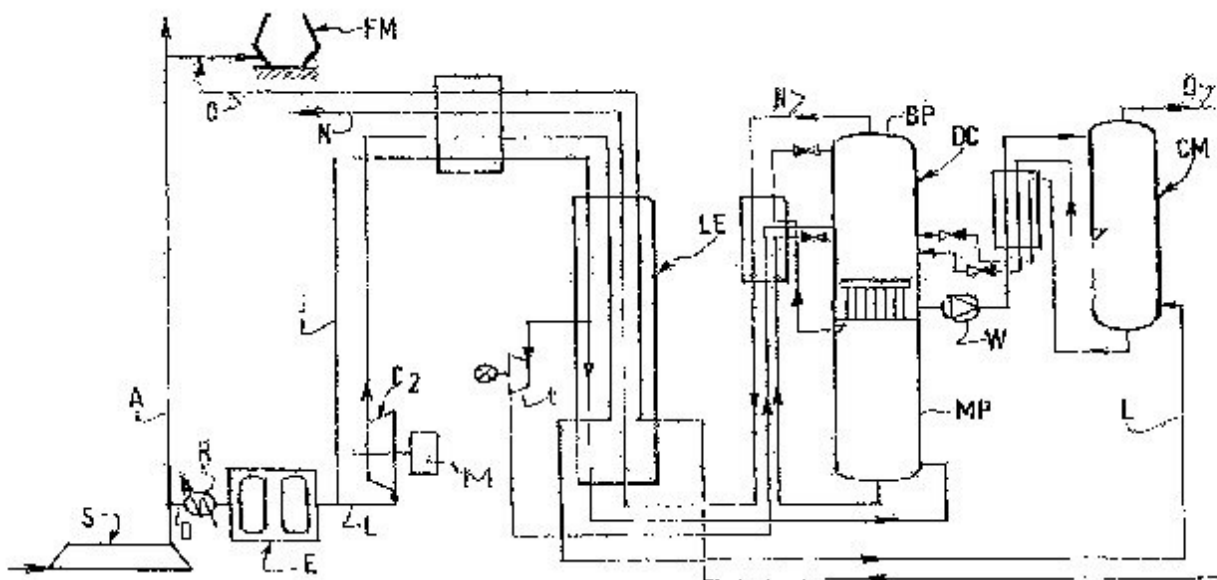
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 Address of Applicant :75 QUAI D'ORSAY, F-75321 PARIS CEDEX 07,
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 (72)Name of Inventor :
**1)ALAIN GUILLARD
 2)JEAN-JACQUES CHOLLAT
 3)XAVIER PONTONE
 4)ALAIN LIBARRE**

No of Pages : 15

No of Claims : 10

(57) Abstract :

The invention relates to an air-separation apparatus comprising a system of columns (DC, CM), means for supplying the apparatus at least partially with compressed air from at least one supercharger (C2), air-scrubbing and -cooling means (E, LE), means for conveying the air to a column (CM) in the system of columns, and means for drawing off a gaseous product (O) from a column in said system, the aforementioned supercharger being driven by a motor (M) having a variable rotation speed and at least two nominal speeds.



(54) Title of the invention : "FRP TENSION MEMBER FOR DROP OPTICAL FIBER CABLE"

(51) International classification	:G02B 6/44	(71)Name of Applicant :
(31) Priority Document No	:2003-409353	1)UBE-NITTO KASEI CO., LTD,
(32) Priority Date	:08/12/2003	Address of Applicant :1-7, HIGASHI-NIHONBASHI 1-CHOME,
(33) Name of priority country	:Japan	CHUO-KU, TOKYO 103-0004, JAPAN, Japan
(86) International Application No	:PCT/JP2004/012736	2)SUMITOMO ELECTRIC INDUSTRIES LTD.
Filing Date	:02/09/2004	(72)Name of Inventor :
(87) International Publication No	:WO 2005/057263	1)IWATA TATSUMI
(61) Patent of Addition to Application Number	:NA	2)TAUCHI NOBUYUKI
Filing Date	:NA	3)YAMANO MASAYOSHI
(62) Divisional to to Application Number	:NA	4)TANAKA TAKASHI
Filing Date	:NA	5)OKUNO KAORU

No of Pages : 37

No of Claims : 4

(57) Abstract :

[PROBLEMS] To resolve blister formation phenomenon. [MEANS FOR SOLVING PROBLEMS] Drop optical fiber cable (1) comprises core optical fibers (2,3), tension member (4), supporting wire (5) and main body coating (6). The tension member (4) consists of an FRP tension member having an FRP portion comprising reinforcing fibers bound together with a thermosetting resin. In the FRP tension member, it is required for the residual styrene monomer content of the FRP portion to be 0.018 wt.% or less (based on the weight of FRP portion). When the amount of residual styrene monomer exceeds the above content, for example, contact with molten main body coating thermoplastic resin would occur during the main body coating step of the drop optical fiber cable production process to thereby cause evaporation of residual styrene monomer, resulting in abnormalities, such as blistering, in the coating portion or main body coating portion. Controlling of the content of residual styrene monomer so as to be given value or below can be accomplished by selections of highly reactive thermosetting resin and highly reactive catalyst, securement of curing time, post-treatment after curing, etc.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3309/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : LAND GRID ARRAY PACKAGED DEVICE AND METHOD OF FORMING SAME

(51) International classification	:H01L 21/44
(31) Priority Document No	:10/731831
(32) Priority Date	:09/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/37059
Filing Date	:04/11/2004
(87) International Publication No	:WO 2005/060450
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FREESCALE SEMICONDUCTOR, INC.
Address of Applicant :6501 WILLIAM CANNON DRIVE WEST,
AUSTIN, TEXAS 78735 USA U.S.A.
(72)**Name of Inventor :**
1)SHIU HEI MING
2)CHOW, WAI WONG
3)XU NAN

No of Pages : 17

No of Claims : 9

(57) Abstract :

A method of packaging an integrated circuit die (12) includes the steps of forming an array of soft conductive balls (14) in a fixture (30) and flattening opposing sides of the balls. The flattened balls are then transferred from the fixture to a mold masking tape (36). A first side of the IC die is attached to the balls with a die attach adhesive (16) and then wire bonding pads (20) on the die are electrically connected directly to respective balls with wires (22). An encapsulant (24) is formed over the die, the electrical connections, and a top portion of the formed balls. The tape is removed and adjacent, encapsulated dice are separated via saw singulation. The result is an encapsulated IC having a bottom side with exposed balls.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3310/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : PLANE SPEAKER HAVING COIL PLATE GUIDE DEVICE

(51) International classification	:H 04R 7/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/KR2004/003156
Filing Date	:02/12/2004
(87) International Publication No	:WO 2005/055648 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SHIN, JOUNG-YOUL
Address of Applicant :SAMSUNG REMIAN APT. 103-1804, 414,
NAESON-DONG, UIWANG 437-804 KOREA Republic of Korea

(72)**Name of Inventor :**
1)SHIN, JOUNG-YOUL
2)HAN, BYUNG-WAN

No of Pages : 33

No of Claims : 11

(57) Abstract :

The present invention relates to a plate type speaker with a planar diaphragm. The plate type speaker of the present invention comprises a base frame; at least one magnetic body coupled to the base frame such that opposite polarities are provided at adjacent lateral positions and are spaced apart by a predetermined distance from each other; a diaphragm; at least one coil plate that is formed with a voice coil wound on either or both of sides thereof, and is inserted vertically into spaces between the opposite polarities of the magnetic body and connected to the diaphragm; and a coil plate guide means coupled to the coil plate for guiding the position and vibration direction of the coil plate such that the coil plate is spaced from the magnetic bodies and vibrates vertically. The use of the plate type speaker with the coil plate guide means according to the present invention allows the position of a coil plate to be guided so that the coil plate does not come into contact with a permanent magnet or upper and lower plates even though the coil plate vibrates vertically, thereby preventing output of abnormal sound due to interference of the coil plate with the internal parts.

(54) Title of the invention : "DEHEADER VALVE INSTALLATION SYSTEM AND METHOD"

(51) International classification	:C10B 25/10	(71)Name of Applicant :
(31) Priority Document No	:60/527,937	1)CURTISS-WRIGHT FLOW CONTROL CORPORATION
(32) Priority Date	:08/12/2003	Address of Applicant :4-BECKER FARM ROAD ROSELAND, NEW
(33) Name of priority country	:U.S.A.	JERSEY 07068-1739 UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2004/040188	(72)Name of Inventor :
Filing Date	:01/12/2004	1)RUBEN F. LAH
(87) International Publication No	:WO 2005/056722	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 34No of Claims : 54

(57) Abstract :
The present invention relates to deheader valves as designed for connection to corresponding pressure vessels within high temperature, high pressure environments, and more particularly to methods and systems for installing a deheader valve onto or removing a deheader valve from a pressure vessel, such as a coke drum or intermediate spool, operable within a delayed coking system,

(54) Title of the invention : "COMPOSITIONS AND METHODS FOR MEASURING ANALYTE CONCENTRATIONS"

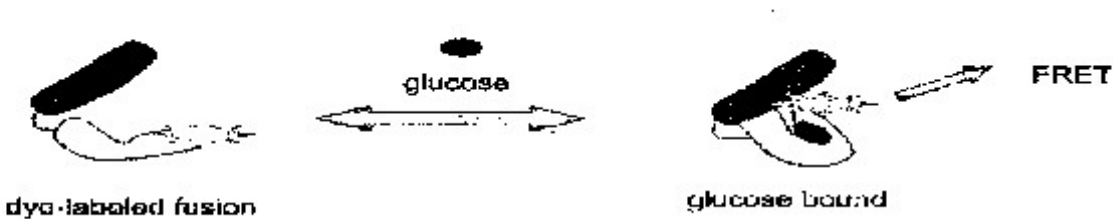
(51) International classification :G01N 33/542 (31) Priority Document No :10/721,091 (32) Priority Date :26/11/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2004/038330 Filing Date :16/11/2004 (87) International Publication No :WO 2005/054855 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)BECTON, DICKINSON AND COMPANY Address of Applicant :1 BECTON DRIVE FRANKLIN LAKES NJ 07417-1880 USA U.S.A. (72)Name of Inventor : 1)AMISS, TERRY J. 2)PINTER, J., BRUCE 3)FREITAS, TORI, C. 4)GIEL, JENNIFER, L.

No of Pages : 46

No of Claims : 39

(57) Abstract :

The current invention relates to fusion proteins comprising at least one functional periplasmic binding protein, at least one labeling moiety and at least one fluorescent protein. In one embodiment, the periplasmic binding protein is a functional glucose-galactose binding protein (GGBP). The invention also relates to methods for quantifying an analyte, for example glucose, in a cell or tissue comprising administering a composition comprising a fluorescent periplasmic binding fusion protein portion to the cell or tissue, and measuring the fluorescence of the fluorescent periplasmic binding fusion protein.



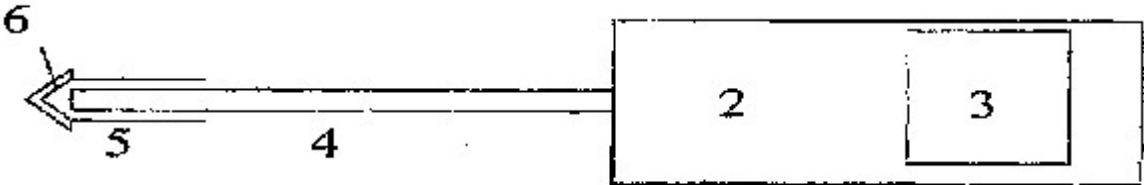
(54) Title of the invention : "FIBER OPTIC DEVICE FOR SENSING ANALYTES"

(51) International classification	:G01N 21/77	(71)Name of Applicant :	1)BECTON, DICKINSON AND COMPANY.
(31) Priority Document No	:10/721,797		Address of Applicant :1 BECTON DRIVE FRANKLIN LAKES NJ
(32) Priority Date	:26/11/2003		07417-1880, U.S.A. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :	
(86) International Application No	:PCT/US04/038487		1)ALARCON, JAVIER
Filing Date	:12/11/2004		2)WEIDEMAIER, KRISTIN
(87) International Publication No	:WO 2005/054831		3)AMISS, TERRY, J
(61) Patent of Addition to Application Number	:NA		4)DENUZZIO, JOHN, D.
Filing Date	:NA		5)HARDMAN, CHRISTOPHER, C.
(62) Divisional to to Application Number	:NA		6)JACOBSON, ROSS, WAYNE
Filing Date	:NA		7)PITNER, J., BRUCE
			8)SHERMAN, DOUGLAS, B.

No of Pages : 42No of Claims : 42

(57) Abstract :
A device for sensing analyte concentration, and in particular glucose concentration, in vivo or in vitro is disclosed. An optical conduit, preferably an optical fiber has an optical system at the proximal end of the optical conduit. A sensing element is attached to the distal end of the optical conduit, and comprises at least one binding protein adapted to bind with at least one target analyte. The sensing element further comprises at least one reporter group that undergoes a luminescence change with changing analyte concentrations. Optionally, the sensing element includes reference groups with luminescence properties that are substantially unchanged by variations in the anaiyte concentrations.

Biosensor



- 2 = optical system
- 3 = computer/microprocessor
- 4 = optical conduit
- 5 = disposable tip
- 6 = sensing element

(54) Title of the invention : "NOVEL TREATMENT OF IRRITABLE BOWEL SYNDROME I"

(51) International classification	:A61K 31/44	(71)Name of Applicant :
(31) Priority Document No	:0303418-8	1)ASTRAZENECA AB
(32) Priority Date	:17/12/2003	Address of Applicant :SE-151 85 SÅ-DERTÄ,,LJE, SWEDEN Sweden
(33) Name of priority country	:Sweden	2)NPS PHARMACEUTICALS, INC.
(86) International Application No	:PCT/US2004/041005	(72)Name of Inventor :
Filing Date	:08/12/2004	1)LINDSTROM, ERIK
(87) International Publication No	:WO 2005/060965	2)LARSSON, HAKAN
(61) Patent of Addition to Application Number	:NA	3)LEHMANN, ANDERS
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16No of Claims : 8

(57) Abstract :
The present invention relates to the use of metabotropic glutamate receptor 5 (mGluR5) antagonists for the treatment of irritable bowel syndrome (IBS).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3315/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "LECITHIN-CONTAINING GRANULAR COMPOSITIONS AND METHODS OF THEIR PREPARATION "

(51) International classification	:A23J 7/00
(31) Priority Document No	:60/523,192
(32) Priority Date	:17/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/038685
Filing Date	:17/11/2004
(87) International Publication No	:WO 2005/048731
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CARGILL, INCORPORATED
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MN 55391, U.S.A. U.S.A.

(72)**Name of Inventor :**
1)KO, MYONG, K
2)MURALIDHARA, HARAPANAHALLI, S.
3)SCHMITT, HEIDI
4)SCHNEIDER, MICHAEL
5)VAN DER SYPE, JOHN

No of Pages : 29

No of Claims : 57

(57) Abstract :

Methods of preparing granular compositions containing lecithin, preferably as a major or sole ingredient, are described. Granular lecithin-containing compositions are also described and can be prepared by the disclosed methods.

(54) Title of the invention : "EXHAUST GAS CATALYST"

(51) International classification :B01J 23/22
 (31) Priority Document No :A 1831/2003
 (32) Priority Date :13/11/2003
 (33) Name of priority country :Austria
 (86) International Application No :PCT/EP2004/012860
 Filing Date :12/11/2004
 (87) International Publication No :WO 2005/046864
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

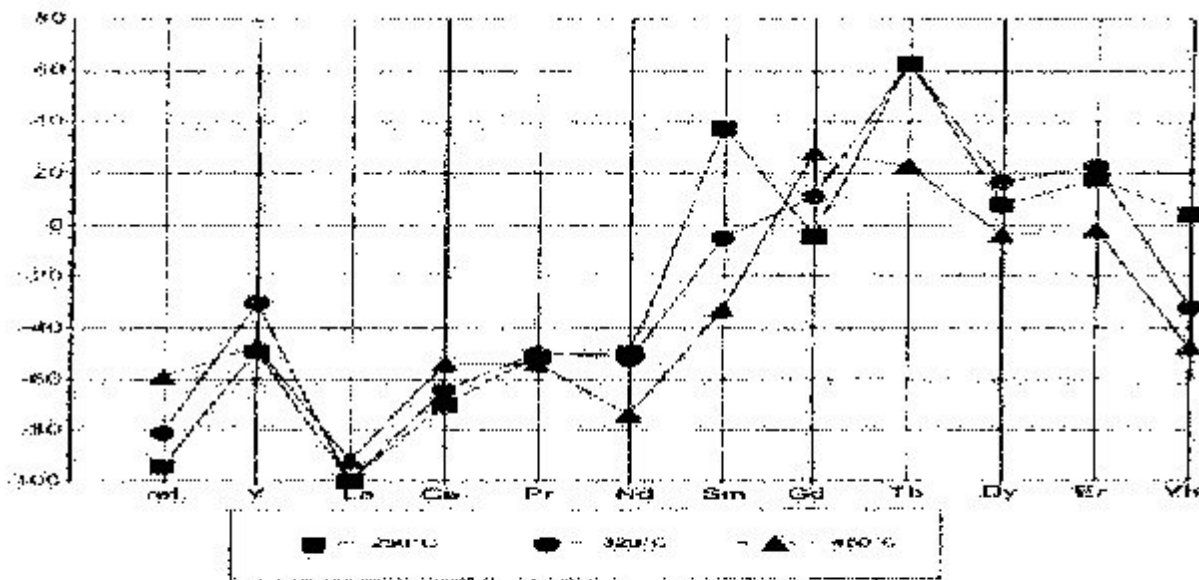
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2)PORZELLANFABRIK FRAUENTHAL GMBH
 (72)Name of Inventor :
1)SCHERMANZ, KARL
2)BEGSTEIGER IRENE
3)TROVARELLI ALESSANDRO
4)ROCCHINI ELIANA
5)CASANOVA MARZIA

No of Pages : 25

No of Claims : 12

(57) Abstract :

Catalyst composition represented by the general formula REVO/S wherein RE is at least one of the group of rare earth metals Y, Ce, Pr, Nd, Sm, Er, and Yb in an amount of up to 6.0 wt. -%; V is vanadium in an amount of 0.2-2.5 wt.-% O is oxygen in an amount of up to 3,5.-%; and S is a support containing TiO₂ in an amount of at least 70 wt.-%, with the rest being WO₃ and optionally SiO₂. This catalyst composition shows high removal efficiencies for NO_x even after aging at 750 deg. C.

ref. 3%V₂O₅/WO₃/TiO₂

Activity drop/increase (%) after aging for various temperatures

(54) Title of the invention : "SHAVING SYSTEMS"

(51) International classification	:B26B 21/40	(71)Name of Applicant :
(31) Priority Document No	:10/732,555	1)THE GILLETTE COMPANY
(32) Priority Date	:10/12/2003	Address of Applicant :PRUDENTIAL TOWER BUILDING, BOSTON,
(33) Name of priority country	:U.S.A.	MA 02199, USA U.S.A.
(86) International Application No	:PCT/US2004/041447	(72)Name of Inventor :
Filing Date	:08/12/2004	1)AVIZA, GREGORY, D
(87) International Publication No	:WO 2005/058559	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 50

No of Claims : 35

(57) Abstract :
A wet-shaving system (10) includes an exfoliation member (24,60,506) , the position of which is adjustable relative to a housing (16) and/or handle (14) portion of the wet-shaving system (10).

(54) Title of the invention : "METHODS FOR OBTAINING GENE TAGS"

(51) International classification	:C12N 15/09
(31) Priority Document No	:2003-402306
(32) Priority Date	:01/12/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/008174
Filing Date	:04/06/2006
(87) International Publication No	:WO 2005/054465
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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HONGO, BUNKYO-KU, TOKYO 113-0033 JAPAN Japan

(72)Name of Inventor :

1)HASHIMOTO, SHIN-ICHI**2)MATSUSHIMA, KOUJI****3)SUGANO, SUMIO**

No of Pages : 84

No of Claims : 31

(57) Abstract :

The present invention provides methods for providing as tags the nucleotide sequences at the 5' end of mRNA. The method of the present invention comprises the step of synthesizing cDNA using, as a template, mRNA whose CAP structure is linked with a IIs linker having a type Us endonuclease recognition sequence. Tags including the nucleotide sequence from the 5' end of mRNA are generated by reacting the type Us endonuclease to cDNA. Tags can be generated from all mRNA, independently of their nucleotide sequences. Methods for identifying transcriptional start sites and primers for full-length cDNA synthesis are provided based on the nucleotide sequence information of tags of the present invention.

(54) Title of the invention : "AIR FILTER WITH A SLIDE MOUNT FOR FILTERING ELEMENT"

(51) International classification	:B01D 46/52	(71)Name of Applicant :
(31) Priority Document No	:60/519,574	1)DONALDSON COMPANY, INC.
(32) Priority Date	:12/11/2003	Address of Applicant :1400 WEST 94TH STREET, P.O. BOX 1299,
(33) Name of priority country	:U.S.A.	MINNEAPOLIS, MINNESOTA 55440-1299, U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/037570	(72)Name of Inventor :
Filing Date	:10/11/2004	1)NEPSUND, LARRY, R.
(87) International Publication No	:WO 2005/046841	2)KUEMPEL, BRADLEY, A.
(61) Patent of Addition to Application Number	:NA	3)ENGEL, DONALD, F
Filing Date	:NA	4)BOEHRS, BRUCE ALLEN
(62) Divisional to to Application Number	:NA	5)ANDERSON, SHELDON
Filing Date	:NA	6)BUCHOLTZ, RICHARD L.
		7)CAMPBELL, STEVEN
		8)LUNDGREN, THOMAS JOHN

No of Pages : 66No of Claims : 23

(57) Abstract :
An air cleaner (40) includes a housing (48) and an access cover. The internal volume of the housing (48) can be reached through an opening (70) in a side wall of the housing. A filter element (50) having fluted filter media is removable and replaceable from the air cleaner. The housing (48) is constructed and arranged to cam the element (50) into sealing engagement with the housing (48). The access cover includes structure to help support and ensure proper seating of the filter element within the housing. A method of installing the filter element in the air cleaner includes sliding a portion of the filter element against a slide surface in the housing. A method of servicing an air cleaner includes pushing the filter element against a pivot region in the housing to release a seal between the filter element and the housing.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3327/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :09/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "NOVEL AGENTS FOR THE PREVENTION OF LEISHMANIOSIS"

(51) International classification :C07K 14/44

(31) Priority Document No :0313555

(32) Priority Date :19/11/2003

(33) Name of priority country :France

(86) International Application No :PCT/FR2004/002955

Filing Date :19/11/2004

(87) International Publication No :WO 2005/051989

A2

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT (IRD)

Address of Applicant :213, rue La Fayette, 75480 Paris Cedex 10, France
France

(72)Name of Inventor :

1)JEAN-LOUP LEMESRE

2)DENIS SERENO

3)MIREILLE CAVALEYRA

4)PHILIPPE HOLZMULLEER

No of Pages : 33

No of Claims : 9

(57) Abstract :

The invention relates to nucleic acid constructions, characterized in that they comprise nucleic acids which are isolated in [he sense position and which are capable of coding for an immunogenic protein of promastigotes or amastigoleof Leish mania, said nucleic acids responding to one of the sequences SEQ ID No.1, SEQ ID No.2, SEQ ID No3. SEQ ID No.4, SEQ ID No. 5 el SEQ ID No. 11 and coding for a protein respectively exhibiting a sequence SEQ ID No. 6. SEQ ID No. 7, SEQ ID No. 8, SEQ ID No. 9, SEQ ID No. 10 et SEQ ID No. 12. The invention can be used for over -expression of the genes of Leishmania coding for an excretion/secretion antigen.

(54) Title of the invention : "METHOD AND DEVICE FOR DETECTING THE ORIENTATION OF AN IMAGE"

(51) International classification	:G06T 7/00	(71)Name of Applicant :
(31) Priority Document No	:FR 0400067	1)THOMSON LICENSING
(32) Priority Date	:06/01/2004	Address of Applicant :46 QUAI ALPHONSE LE GALLO, F-92100
(33) Name of priority country	:France	BOULOGNE-BILLANCOURT, FRANCE France
(86) International Application No	:PCT/EP2005/050022	(72)Name of Inventor :
Filing Date	:04/01/2005	1)JURGEN STAUDER
(87) International Publication No	:WO 2005/069219	2)JEAN-RONAN VIGOUROUX
(61) Patent of Addition to Application Number	:NA	3)BERTRAND CHUPEAU
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 7

(57) Abstract :

The invention relates to a method and a device for detecting the orientation of an image in a set of images. According to the invention, the method comprises the steps of:choosing a reference image from among the set of images, - detecting the orientation of said image as a function of the orientation ofthe said reference image.

2/2

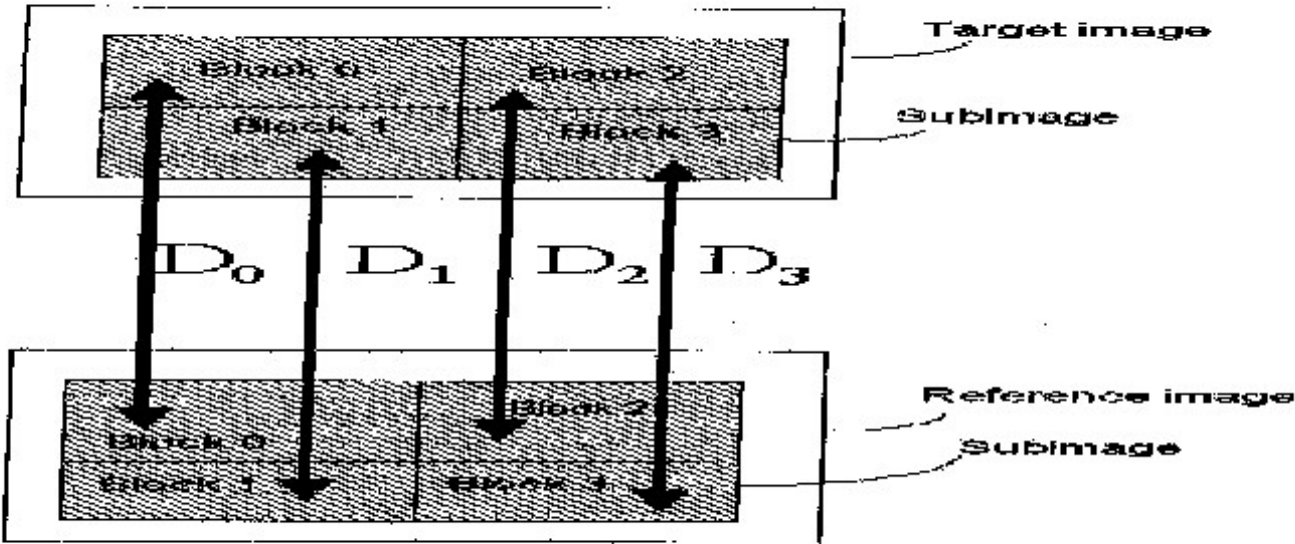


Fig 2

(54) Title of the invention : "METHOD FOR PREPARING DERIVATIVES OF FUNGICIDAL IODOCHROMONES"

(51) International classification :C07D 311/54

(31) Priority Document No :03356014.5

(32) Priority Date :03/02/2003

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2004/001786

Filing Date :28/01/2004

(87) International Publication No :WO 2004/069821

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BAYER CROPSCIENCE S.A.Address of Applicant :16, RUE JEAN-MARIE LECLAIR, F-69009
LYON, FRANCE. France

(72)Name of Inventor :

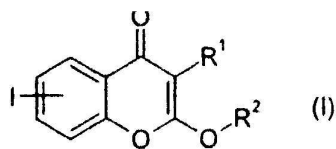
1)MADELEINE DELAMARE**2)MICHEL CASADO**

No of Pages : 19

No of Claims : 26

(57) Abstract :

This invention relates to new methods for preparing chemical compounds, in particular fungicidal compounds, especially iodinated derivatives of chromones, preferably compounds of formula (I), and intermediate compounds useful for these methods.



(54) Title of the invention : "SILICON CARBIDE-SUPPORTED CATALYSTS FOR PARTIAL OXIDATION OF NATURAL GAS TO SYNTHESIS GAS"

(51) International classification	:C10J	(71)Name of Applicant :
(31) Priority Document No	:10/364,173	1)CONOCOPHILLIPS COMPANY
(32) Priority Date	:10/02/2003	Address of Applicant :US COMPANY OF 600 NORTH DAIRY
(33) Name of priority country	:U.S.A.	ASHFORD,HOUSTON,TEXAS 77079,U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/003705	(72)Name of Inventor :
Filing Date	:09/02/2004	1)SRIRAM RAMANI
(87) International Publication No	:WO 2004/072209	2)DAVID M. MINAHAN
(61) Patent of Addition to Application Number	:NA	3)YI JIANG
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 34

(57) Abstract :
A method for converting light hydrocarbons (e.g. methane or natural gas) to synthesis gas employs a silicon carbide-supported catalyst that catalyzes a net partial oxidation reaction. Certain preferred catalysts include a catalytically active metal disposed on a silicon carbide support.

(54) Title of the invention : "EXTRACTION OF COMPOUNDS FROM DAIRY PRODUCTS"

(51) International classification	:A23C 7/04	(71)Name of Applicant :
(31) Priority Document No	:523920	1)FONTERRA CO-OPERATIVE GROUP LIMITED
(32) Priority Date	:31/01/2003	Address of Applicant :9 PRINCES STREET, AUCKLAND, NEW
(33) Name of priority country	:New Zealand	ZEALAND. New Zealand
(86) International Application No	:PCT/NZ2004/000014	(72)Name of Inventor :
Filing Date	:30/01/2004	1)KATRINA FLETCHER
(87) International Publication No	:WO 2004/066744	2)ANDREW FLETCHER
(61) Patent of Addition to Application Number	:NA	3)OWEN CATCHPOLE
Filing Date	:NA	4)JOHN GREY
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 18

(57) Abstract :

The present invention relates to processes for the treatment of dairy products and dairy process streams to produce lipids and substantially detailed protein streams. More specifically it relates to the use of near critical fluid extraction techniques to extract lipids from liquid dairy products and dairy process streams. Preferred solvents for use in the described near critical extraction techniques are ether based solvents that are partially miscible with water. A particularly preferred solvent for use in the invention is dimethyl ether

(54) Title of the invention : "COMPOSITIONS AND METHODS FOR COMBINATION ANTIVIRAL THERAPY"

(51) International classification	:A61K 31/675	(71)Name of Applicant :
(31) Priority Document No	:60/440,308	1)GILEAD SCIENCES, INC.
(32) Priority Date	:14/01/2003	Address of Applicant :333 LAKESIDE DRIVE, FOSTER CITY, CA
(33) Name of priority country	:U.S.A.	94404, U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/000832	(72)Name of Inventor :
Filing Date	:13/01/2004	1)DAHL, TERRENCE, C
(87) International Publication No	:WO 2004/064845	2)MENNING, MARK, M
(61) Patent of Addition to Application Number	:NA	3)OLIYAI, REZA
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 60No of Claims : 58

(57) Abstract :
The present invention relates to therapeutic combination of [2-(6-amino-purin-9 yl)-l-methyl-ethoxymethyl]-phosphonic acid diisopropoxycarbonyloxymethyl ester (tenofovir disoproxil fumarate, Viread ®) and (2R, 5S, cis)-4-amino-5-fluoro-l-(2 hydroxymethyl-1,3-oxathiolan-5-yl)- (1H)-pyrimidin-2-one (emtricitabine, Emtriva®, (-)-Cis FTC) and their physiologically functional derivatives. The combinations may be useful in the treatment of HIV infections, including infections with HIV mutants bearing resistance to nucleoside and/or non-nucleoside inhibitors. The present invention is also concerned with pharmaceutical compositions and formulations of said combinations of tenofovir disoproxil fumarate and emtricitabine, and their physiologically functional derivatives, as well as therapeutic methods of use of those compositions and formulations.

(54) Title of the invention : WRAPPER TYPE BINDER

(51) International classification	:B42F 7/00	(71)Name of Applicant :	
(31) Priority Document No	:20-2003-0003202	1)LEE,CHUNSOO	
(32) Priority Date	:04/02/2003	Address of Applicant :104-402 CHUGGU3CHA,JUNGGYE-	
(33) Name of priority country	:Republic of Korea	DONG,NOWON-GU,139-924 SEOUL (KR). Republic of Korea	
(86) International Application No	:PCT/KR2004/000127	(72)Name of Inventor :	
Filing Date	:26/01/2004	1)LEE,CHUNSOO	
(87) International Publication No	:WO 2004/069557		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 9No of Claims : 6

(57) Abstract :
This invention is a wrapper type binder, which has not only the conventional fastener that binds the punched papers, but also cover attaching elements that attaches the front cover to the back cover, such that the binder may be used as a file wrapper or envelope type binder. The binder comprises fastener means including a pair of holes(6) formed on an upper portion of the front cover(2) and the back cover(2'), and a pair of pins(6'), inserted into the holes(6), for fixing punched papers; first cover attaching means including a projection(8) and a groove(8), both of which are firmly associated with each other, each of the projection(8) and the groove(8') being respectively located on the front cover(2) and the back cover(2'), at a side portion where the front and back covers are not connected to each other; and second cover attaching means including a projection(8) and a groove(8), both of which are firmly associated with each other, each of the projection(8) and the groove(8') being respectively located on a bottom portion of the front cover(2) and the back cover(2').

(54) Title of the invention : OLIGOMERIC COMPOUNDS FOR THE MODULATION OF SURVIVIN EXPRESSION

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:PA 2003 00183	1)SANTARIS PHARMA A/S
(32) Priority Date	:10/02/2003	Address of Applicant :BOGE ALLE 3, DK-2970, HORSHOLM,
(33) Name of priority country	:Denmark	DENMARK. Denmark
(86) International Application No	:PCT/DK2004/000096	(72)Name of Inventor :
Filing Date	:10/02/2004	1)HANSEN , BO
(87) International Publication No	:WO 2004/069991	2)THRUE, CHARLOTTE ALBÄR
(61) Patent of Addition to Application Number	:NA	3)PETERSEN, KAMILLE DUMONG
Filing Date	:NA	4)WESTERGAARD, MAJKEN
(62) Divisional to to Application Number	:NA	5)WISSENBACH, MARGIT
Filing Date	:NA	

No of Pages : 4

No of Claims : 32

(57) Abstract :

Oligonucleotides directed against the survivin gene are provided for modulating the expression of survivin. The compositions comprise Oligonucleotides, particularly antisense Oligonucleotides, targeted to nucleic acids encoding the survivin. Methods of using these compounds for modulation of survivin expression and for the treatment of diseases associated with either overexpression of survivin, expression of mutated survivin or both are provided. Examples of diseases are cancer such as lung, breast, colon, prostate, pancreas, lung, liver, thyroid, kidney, brain, testes, stomach, intestine, bowel, spinal cord, sinuses, and bladder, urinary tract or ovaries cancers. The Oligonucleotides may be composed of deoxyribonucleosides or a nucleic acid analogue such as for example locked nucleic acid or a combination thereof.

(54) Title of the invention : "SPECIFYING MULTIDIMENSIONAL CALCULATIONS FOR A RELATIONAL OLAP ENGINE."

(51) International classification	:G06F 17/30	(71) Name of Applicant :
(31) Priority Document No	:10/341,763	1)INTERNATIONAL BUSINESS MACHINE CORPORATION
(32) Priority Date	:13/01/2003	Address of Applicant :ARMONK, NEW YORK 10504, USA. U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/GB2003/005490	1)COLOSSI NATHAN GEVAERD
Filing Date	:17/12/2003	2)MALLOY WILLIAM EARL
(87) International Publication No	:WO 2004/063942	3)PIRAHESH MIR HAMID
(61) Patent of Addition to Application Number	:NA	4)TOMLYN CRAIG REGINALD
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 75

No of Claims : 4

(57) Abstract :
Disclosed is a system, method, and program for specifying multidimensional calculations. Selection of a subset of a cube model metadata object that is generated from a facts metadata object and one or more dimension metadata objects is received. The facts metadata object references one or more measure metadata objects. A statement is generated for retrieving multidimensional information using metadata in the cube model metadata object and the measure metadata objects, wherein each of the measure metadata objects specifies one or more aggregations.

(54) Title of the invention : "A USER-CENTRIC SERVICE PROVIDING DEVICE AND SERVICE PROVIDING MEHTOD."

(51) International classification	:G06F 9/46
(31) Priority Document No	:03101004.0
(32) Priority Date	:06/01/2003
(33) Name of priority country	:China
(86) International Application No	:PCT/GB2003/005483
Filing Date	:15/12/2003
(87) International Publication No	:WO 2004/061660
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INTERNATIONAL BUSINESS MACHINES CORPORATION.Address of Applicant :NEW ORCHERD ROAD, ARMONK, NY 10504
USA. U.S.A.

(72)Name of Inventor :

1)WANG HAO**2)LI SHIH-GONG****3)WEI LI****4)SONG SONG****5)LIU XIAO XI****6)RONG YAO FU****7)YING CHUN**

No of Pages : 56

No of Claims : 29

(57) Abstract :

The present invention provides a service providing device and a service providing method enabling a user to accept the service by utilizing the capabilities of several various devices. An available physical device or a combination of the physical devices is selected for Che user based on (he service requirement, and the user accepts the service via the selected physical device or the combination of the physical devices. The invention "hides" the physical devices by using a virtual device to provide the service for users. Furthermore, the invention provides a "tailored" virtual device based on the environment around the user, the favorite of user and the requirements of the service, and therefore the invention may provide to the user the "tailored" information suitable for the user. The operating environment of the virtual device according to the invention is dynamically changeable according to the environment around the user, the favorite of user and the requirements of the service, and therefore a. seamless service may be provided to the user.

(54) Title of the invention : "CARDIOPROTECTIVE DELTA OPIOED RECEPTOR AGONISTS AND METHODS OF USING SAME"

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:60/437028	1)ARDENT PHARMACEUTICALS, INC.
(32) Priority Date	:02/01/2003	Address of Applicant :631 UNITED DRIVE, SUITE 200, DURHAM, NC
(33) Name of priority country	:U.S.A.	27713, USA. U.S.A.
(86) International Application No	:PCT/US2004/000022	(72)Name of Inventor :
Filing Date	:02/01/2004	1)KWEN-JEN CHANG
(87) International Publication No	:WO 2004/060321	2)WILLIAM PENDERGAST
(61) Patent of Addition to Application Number	:NA	3)PETER J. GENGO
Filing Date	:NA	4)XIN MA
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 44No of Claims : 40

(57) Abstract :
The present invention relates to compositions and methods of treatment for cardioprotection through the use of non-peptidic delta opioid receptor agonist compound(s) that mediate cardioprotective effects of ischemic preconditioning. The compounds are used to reduce injury associated with ischemia and reperfusion of cardiac tissue. Further, the compounds may be used in solutions preserving the viability of an isolated organ.

(54) Title of the invention : "3'-[(2Z)-[1-(3,4-DIMETHYLPHENYL)-1,5-DIHYDRO-3-METHYL-5-OXO-4H-PYRAZOL-4-YLIDENE]HYDRAZINO]-2'-HYDROXY-[1,2'-BIPHENYL]-3-CARBOXYLIC ACID BIS-(MONOETHANOLAMINE)

(51) International classification	:A61P 7/02	(71)Name of Applicant :
(31) Priority Document No	:60/382,871	1)SMITHKLINE BEECHAM CORPORATION
(32) Priority Date	:22/05/2002	Address of Applicant :P.O. BOX 7929, ONE FRANKLIN PLAZA,
(33) Name of priority country	:U.S.A.	PHILADELPHIA, PENNSYLVANIA 19101, U.S.A. U.S.A.
(86) International Application No	:PCT/US03/16255	(72)Name of Inventor :
Filing Date	:21/05/2003	1)STEPHEN MOORE
(87) International Publication No	:WO 03/098992	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 37

(57) Abstract :
An improved thrombopoietin mimetic, the bis-(monoethanolamine) salt of 3'-[(2Z)-[1-(3,4-dimethylphenyl)-1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene]hydrazino]-2'-hydroxy-[1,1-biphenyl]-3-carboxylic acid.

(54) Title of the invention : "OPTIMIZED LINEAR ENGINE"

(51) International classification	:F02B 75/18	(71) Name of Applicant :
(31) Priority Document No	:60/437,875	1)BLENN, JESSE
(32) Priority Date	:03/01/2003	Address of Applicant :5198 HIGHWAY 84, ELBA, AL 36323, U.S.A.
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2004/000095	(72) Name of Inventor :
Filing Date	:02/01/2004	1)BLENN, JESSE
(87) International Publication No	:WO 2005/008042	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 23

(57) Abstract :

An improved combustion engine, compressor, pump, or fluid driven motor in single cylinder (20 of Fig. I) or multiple cylinders (20 of Fig. 13), versions wherein a normally cylindrical rotor (50) external to drive or driven bearings (64, 65, 65A, 65B), has a patterned cam track (between 52 and 53) for transforming the piston (32) linear reciprocating motion to rotary motion. Two cam tracks (52, 53) can be offset coaxially to allow for continuous unidirectional rotation of said bearings.

(54) Title of the invention : MEDICAMENT FOR INHIBITING TUMOUR GROWTH

(51) International classification	:C07J 63/00	(71)Name of Applicant :
(31) Priority Document No	:A 200/2003	1)NOVELIX PHARMACEUTICALS, INC.
(32) Priority Date	:11/02/2003	Address of Applicant :80 SOUTH LAKE AVENUE, SUITE 625,
(33) Name of priority country	:Austria	PASADENA, CALIFORNIA 91101, USA. U.S.A.
(86) International Application No	:PCT/AT2004/000045	(72)Name of Inventor :
Filing Date	:11/02/2004	1)SELZER, EDGAR
(87) International Publication No	:WO 2004/072092	2)JANSEN, BURKHARD
(61) Patent of Addition to Application Number	:NA	3)PASCHKE, REINHARD
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20No of Claims : 7

(57) Abstract :
The present invention relates to novel betulinic acid derivatives with increased activity for the treatment of carcinomas and HIV diseases, a method for preparing such novel betulinic acid derivatives as well as their use as Pharmaceuticals.

(54) Title of the invention : MIDI ENCODING AND DECODING

(51) International classification :G10H 1/36
 (31) Priority Document No :03388088.1
 (32) Priority Date :18/12/2003
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2004/014567
 Filing Date :17/12/2004
 (87) International Publication No :WO 2005/059891
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

Address of Applicant :SE-164 83 STOCKHOLM (SE) Sweden

(72)Name of Inventor :

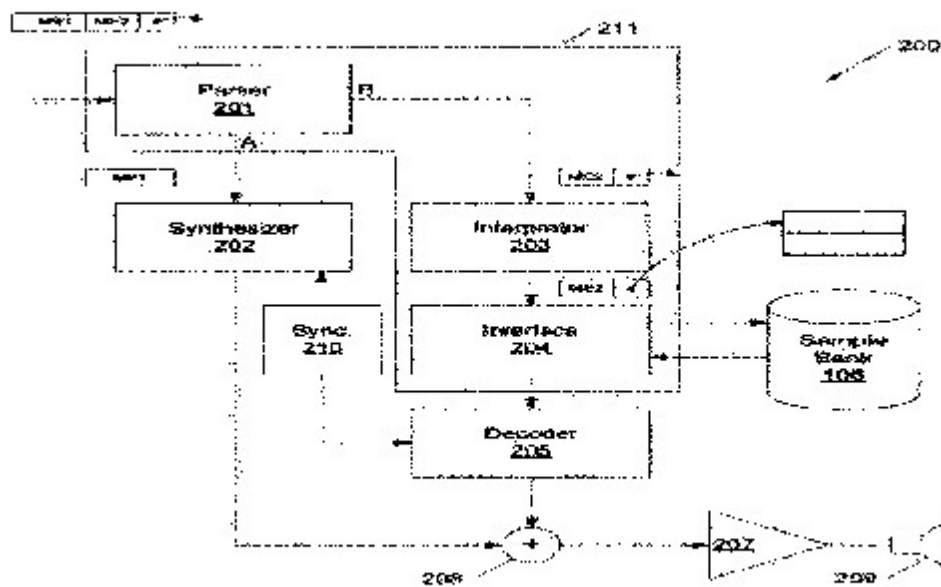
1)LINDGREN, ULF**2)GUSTAFSSON, HARALD**

No of Pages : 35

No of Claims : 22

(57) Abstract :

Methods and units of composing or decomposing a multimedia signal according to e.g. the Musical Instrument Digital Interface (MIDI) protocol where the signal is composed to carry events of a first type which are arranged to carry instructions to a unit of predefined patches to use for playback and which of predefined notes to play; and events of a second type which are identifiable separately from events of the first type and which are arranged to carry additional content. The method of decomposing a multimedia signal comprises the step of parsing the signal to identify events of the second type and to read the additional content; loading coded samples of multimedia content at an address specified in the additional content; and decoding the coded samples to provide decoded samples for playback of the multimedia content. Thereby, it is possible to convey vocal song or vocals and other audio type signals in an efficient way by means of the widely used MIDI protocol.



(54) Title of the invention : "AN APPARATUS AND PROCESS FOR REMOVING LIQUIDS FROM DRILL CUTTINGS"

(51) International classification	:E21B 21/06	(71)Name of Applicant :
(31) Priority Document No	:60/526,260	1)MCINTYRE, BARRY E.
(32) Priority Date	:01/12/2003	Address of Applicant :260 SIENNA PARK DRIVE, CALGARY,
(33) Name of priority country	:U.S.A.	ALBERTA T3H 3L6, CANADA Canada
(86) International Application No	:PCT/CA2004/002063	(72)Name of Inventor :
Filing Date	:01/12/2004	1)MCINTYRE, BARRY E.
(87) International Publication No	:WO 2005/054623	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 9

(57) Abstract :
Drill cuttings associated with drilling fluid are thermally cleaned. The wet cuttings are fed into a vessel chamber having mechanical mixers, such as ribbon blenders, extending lengthwise of the chamber. Direct heating is applied to the chamber contents by introducing hot combustion gas from a heater. A combination of direct heating and mechanical back mixing of wet colder cuttings with drier hotter cuttings results in conditioning and conduction heating of the wet cuttings. The drilling fluid is evaporated and removed as gas. Dried cuttings are separately recovered. Caking and agglomeration of the solids is reduced.

(54) Title of the invention : TREATMENT OF VIRAL INFECTIONS

(51) International classification	:C07K 14/77	(71) Name of Applicant :
(31) Priority Document No	:0329254.7	1)AI2 LIMITED
(32) Priority Date	:17/12/2003	Address of Applicant :INCUBATOR BUILDING, GRAFTON STREET
(33) Name of priority country	:U.K.	MANCHESTER, M13 9XX, GREAT BRITAIN U.K.
(86) International Application No	:PCT/GB2004/005360	(72) Name of Inventor :
Filing Date	:17/12/2004	1)DOBSON, CURTIS
(87) International Publication No	:WO 2005/058959	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 72

No of Claims : 23

(57) Abstract :

The present invention concerns polypeptides derived from a tandem repeat of apoEi4i_i49 and their uses as medicaments. The peptides may comprise the tandem repeat, and truncations thereof, for which at least one Leucine (L) is replaced by an amino acid with a side chain comprising at least 4 carbon atoms and at least one Nitrogen atom. Such peptides are useful for preventing or treating viral infections.

(54) Title of the invention : "PACKET CONFIGURATION FOR THE COEXISTENCE OF STATIONSIN A MULTISTANDARD WIRELESS LAN"

(51) International classification	:H04L 2/28
(31) Priority Document No	:P2004-003530
(32) Priority Date	:08/01/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/017437
Filing Date	:17/11/2004
(87) International Publication No	:WO 2005/067212
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SONY CORPORATIONAddress of Applicant :7-35, KITASHINAGAWA 6-CHOME,
SHINAGAWA-KU, TOKYO, JAPAN Japan

(72)Name of Inventor :

1)YUICHI MORIOKA**2)KAZUYUKI SAKODA****3)SHINICHI KURODA****4)RYO SAWAI**

No of Pages : 113

No of Claims : 51

(57) Abstract :

Random access operation is performed under a communication environment in which a plurality of communication modes having different transmission rate coexist with small overhead. A high-grade communication station spoofs information of a packet length and a rate in a decoding portion so that a value of (packet length)/(rate) corresponds to a duration where the communication is hoped to be stopped. The other station receiving the spoofed information receives the rest of the packet with the designated rate during the interval designated by the value of (packet length)/(rate). In this case, the packet length and the rate are not those of actually transmitted packet so that this packet is discarded.

(54) Title of the invention : "5-OR 6-SUBSTITUTED BENZIMIDAZOLE DERIVATIVES AS INHIBITORS OF RESPIRATORY SYNCYTIAL VIRUS REPLICATION"

(51) International classification :C07D 401/14
 (31) Priority Document No :03104806.9
 (32) Priority Date :18/12/2003
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2004/053618
 Filing Date :20/12/2004
 (87) International Publication No :WO 2005/058874
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)TIBOTEC PHARMACEUTICALS LTD.

Address of Applicant :LITTLE ISLAND, CO CORK, IRELAND, Ireland

(72)Name of Inventor :

1)JEAN-FRANCOIS BONFANTI

2)KOENRAAD JOZEF LODEWIJK ANDRIES

3)JEROME MICHEL CLAUDE FORTIN

4)PHILIPPE MULLER

5)FREDERIC MARC MAURICE DOUBLET

6)CHIRSTOPHE MEYER

7)RUDY EDMOND WILLEBRORDS

8)TOM VALERIUS JOSEPHA GEVERS

9)PHILIP MARIA MARTHA BERN TIMMERMAN

No of Pages : 95

No of Claims : 39

(57) Abstract :

The present invention concerns 5- or 6-substituted-benzimidazole derivatives having inhibitory activity on the replication of the respiratory syncytial virus and having the formula (I) a prodrug, /V-oxide, addition salt, quaternary amine, metal complex or stereoisomeric form thereof wherein Q is Ar², R₆, pyrrolidinyl substituted with R₆, piperidinyl substituted with R₆ or homopiperidinyl substituted with R₆, G is a direct bond or optionally substituted C₁-10alkenediyl; R₁ is Ar¹ or a monocyclic or bicyclic heterocycle; one of R^{2A} and R^{2B} is cyanoC₁-alkyl, cyanoC₂-6alkenyl, Ar³C₁-6alkyl, Het--C₁-6,alkyl, N(R^{8A}R^{8B})C₁-6alkyl, Ar^{C2}-6alkenyl, Het-C₁-6alkenyl, AminoC₁-6alkyl, Het-aminoC₁-6alkyl, Het-thioC₁-6alkyl, Het-thioC₁-6, Ar³sulfonylC₁-6alkyl, HetsulfonylC₁-6alkyl, Ar^A-aminocarbonyl, Het-aminocarbonyl, Arⁱ-(C_U)₂aminocarbonyl, Het-(CH₂V)aminocarbonyl, Ar^X-aminocarbonyl, Het-carbonylamino, Ar^{(CI)2}-carbonylamino, Het-(C_{II})₂-carbonylamino, and the other one of R^a and R^h is hydrogen; in case R^h is hydrogen, then R_j is hydrogen; in case R^h is hydrogen, the R₃ is hydrogen or Chalkyl. It further concerns their preparation and compositions comprising them, as well as their use as a medicine.

(54) Title of the invention : "SUBSTITUTED QUINOLONE CARBOXYLIC ACIDS, THEIR DERIVATIVES, SITE OF ACTION, AND USES THEREOF"

(51) International classification	:A61K 31/47	(71)Name of Applicant :
(31) Priority Document No	:60/380,641	1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
(32) Priority Date	:14/05/2002	Address of Applicant :1111 FRANKLIN STREET, 12th FLOOR,
(33) Name of priority country	:U.S.A.	OAKLAND, CA 94607, USA. U.S.A.
(86) International Application No	:PCT/US2003/014948	(72)Name of Inventor :
Filing Date	:12/05/2003	1)TIMOTHY B.C. JOHNSTONE
(87) International Publication No	:WO 2003/097564	2)DERK J. HOGENKAMP
(61) Patent of Addition to Application Number	:NA	3)KELVIN W. GEE
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 43No of Claims : 36

(57) Abstract :
Substituted quinolone carboxylic acids and their derivatives are described. These compounds modulate the effect of y-aminobutyric acid (GABA) via a novel site on the GABAA receptor complex in a therapeutically relevant fashion and may be used to ameliorate CNS disorder amenable to modulation of the GABAA receptor complex.

(54) Title of the invention : SELF-REGULATING GAS GENERATOR AND METHOD

(51) International classification :B01J 19/18
 (31) Priority Document No :60/520,149
 (32) Priority Date :14/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/038565
 Filing Date :14/11/2004
 (87) International Publication No :WO 2005/049485 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

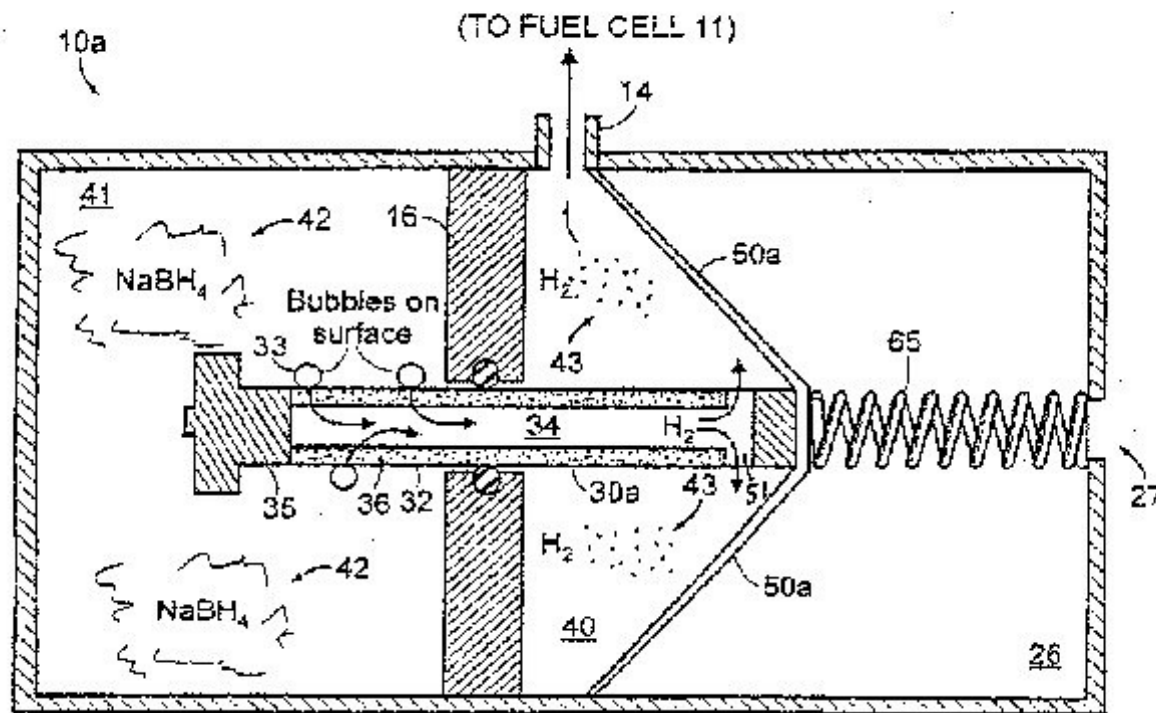
(71)Name of Applicant :
1)INTEGRATED FUEL CELL TECHNOLOGIES INC
 Address of Applicant :129 MIDDLESEX TURNPIKE, BURLINGTON,
 MA 01803, USA U.S.A.
 (72)Name of Inventor :
1)STEPHEN A. MARSH
2)DON M. PARKER
3)PETER N. PINTAURO

No of Pages : 55

No of Claims : 110

(57) Abstract :

A self-regulating gas generator that, in response to gas demand, supplies and automatically adjusts the amount of gas (e.g., hydrogen or oxygen) catalytically generated in a chemical supply chamber (41) from an appropriate chemical supply, such as a chemical solution, gas dissolved in liquid, or mixture. The gas generator may employ a piston, rotating rod (30a), or other element(s) to expose the chemical supply to the catalyst in controlled amounts. The gas generator may be used to provide gas for various gas consuming devices, such as a fuel cell, torch, or oxygen respiratory devices.



(54) Title of the invention : "PROCESS OF MAKING TWO-STAGE INJECTOIN STRETCH BLOW MOLDED POLYPROPYLENE ARTICLES"

(51) International classification :B29C 49/00
 (31) Priority Document No :10/764,234
 (32) Priority Date :23/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/031871
 Filing Date :29/09/2004
 (87) International Publication No :WO 2005/074428
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)RAJNISH BATLAW**2)BRIAN M. BURKHART****3)BERNARD VERMEERSCH****4)PEDRO VAN HOECKE****5)MARC DELAERE****6)ROBERTO GUZMAN PEDROZA****7)JENCI KURJA**

No of Pages : 53

No of Claims : 55

(57) Abstract :

The two stage production of clear, low-haze, injection stretch blow molded polypropylene container articles is disclosed. In the first processing stage a perform article is manufactured on an injection molding machine. In a second and subsequent step, which may occur remotely from apparatus used in the first step, the perform article is heated and stretch blown into a container. The process may employ the selection of processing parameters to produce perform articles that facilitate stretch blow molding at relatively high rates of speed. While still maintaining an appropriate polypropylene polymer morphology that results in clear, low haze containers.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3421/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "ROLLER CLEANING SYSTEM"

(51) International classification	:F27D 19/00
(31) Priority Document No	:MI2003A002504
(32) Priority Date	:18/12/2003
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2004/014308
Filing Date	:14/12/2004
(87) International Publication No	:WO 2005/059463
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TECHINT COMPAGNIA TECNICA INTERNAZIONALE S.P.A.
Address of Applicant :VIA MONTE ROSA 93, I-20149 MILAN, ITALY.
Italy
(72)**Name of Inventor :**
1)ENRICO FILIPPI
2)GABRIELE PASTORINI

No of Pages : 26

No of Claims : 7

(57) Abstract :

A roller cleaning system (10) for an oven (20) equipped with a series of motorized rollers (21) each of which is in turn connected to a relative motor-reducer (24) for rotation activation, in turn connected to a relative frequency converter (25) driven by a respective control and activation device (26), said roller cleaning system (10) comprising a control and regulation unit (14) to independently control the rotation rate and direction of each roller of the series of motorized rollers (21) for the advancing of one or more flat blooms (40) and for cleaning at least one roller (34) causing the detachment of the flakes of oxide therefrom by scraping it against a flat bloom (40) with a variation in the rotation rate and/or direction of the same.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3422/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :02/08/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : "EASTER BLENDS BASED ON BRANCHED ALCOHOLS AND/OR BRANCHED ACIDS AND THEIR USE AS POLYMER ADDITIVES"

(51) International classification	:C08K 5/10
(31) Priority Document No	:103 05 562.2
(32) Priority Date	:10/02/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/001147
Filing Date	:09/02/2004
(87) International Publication No	:WO 2004/069911
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SASOL GERMANY GMBH
Address of Applicant :ANCKELMANNSPLATZ 1, 20537 HAMBURG,
GERMANY Germany
(72)**Name of Inventor :**
1)DIRK SCHAR
2)MICHAEL GODE

No of Pages : 21

No of Claims : 11

(57) Abstract :

The present invention relates to ester blends, their use as polymer additives, and to polymer compositions containing said ester blends.

(54) Title of the invention : "PROCESS FOR PRODUCTION OF A DRIED CARBOXYLIC ACID CAKE SUITABLE FOR USE IN POLYESTER PRODUCTION "

(51) International classification	:C07C 51/48	(71)Name of Applicant :
(31) Priority Document No	:10/758,676	1)EASTMAN CHEMICAL COMPANY.
(32) Priority Date	:15/01/2004	Address of Applicant :100 NORTH EASTMAN ROAD, KINGSPORT,
(33) Name of priority country	:U.S.A.	TENNESSEE 37660, U.S.A. U.S.A.
(86) International Application No	:PCT/US2005/000696	(72)Name of Inventor :
Filing Date	:10/01/2005	1)KENNY RANDOLPH PARKER
(87) International Publication No	:WO 2005/070862	2)ROBERT LIN
(61) Patent of Addition to Application Number	:NA	3)PHILIP EDWARD GIBSON
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 34No of Claims : 47

(57) Abstract :
The present invention relates to a process by which a dried carboxylic acid cake is obtained from a slurry or cake carboxylic acid product through the use of at least one counter current wash. More specifically, the present invention relates to a process by which a dried terephthalic acid cake suitable as a starting material for polyester or co-polyester production is obtained from a slurry or cake terephthalic acid product through the use of at least one counter current wash.

(54) Title of the invention : "PROCESS FOR PRODUCTION OF A CARBOXYLIC ACID/DIOL MIXTURE SUITABLE FOR USE IN POLYESTER PRODUCTION"

(51) International classification	:C07C 51/48	(71)Name of Applicant :
(31) Priority Document No	:10/758,678	1)EASTMAN CHEMICAL COMPANY
(32) Priority Date	:15/01/2004	Address of Applicant :100 NORTH EASTMAN ROAD, KINGSPORT,
(33) Name of priority country	:U.S.A.	TENNESSEE 37660, U.S.A. U.S.A.
(86) International Application No	:PCT/US2005/031957	(72)Name of Inventor :
Filing Date	:09/10/2003	1)KENNY RANDOLPH PARKER
(87) International Publication No	:WO 2004/035515	2)ROBERT LIN
(61) Patent of Addition to Application Number	:NA	3)PHILIP EDWARD GIBSON
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 41No of Claims : 51

(57) Abstract :
In this invention, a process is provided by which a carboxylic acid/diol mixture suitable as starting material for a polyester production is obtained from a decolorized carboxylic acid solution without isolation of a substantially dry carboxylic acid solid. More specifically, in this invention, a process is provided by which a terephthalic acid/ethylene glycol mixture suitable as starting material for a polyester production is obtained from a decolorized terephthalic acid solution without isolation of a substantially dry terephthalic acid solid.

(54) Title of the invention : "FLAME RETARDANT COMPOSITIONS AND THEIR USE"

(51) International classification	:C08K 13/02	(71)Name of Applicant :
(31) Priority Document No	:10/742,289	1)ALBEMARLE CORPORATION
(32) Priority Date	:19/12/2003	Address of Applicant :451 FLORIDA STREET, BATON ROUGE,
(33) Name of priority country	:U.S.A.	LOUISIANA 70801-1765, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/IL02/00956	(72)Name of Inventor :
Filing Date	:27/11/2002	1)LUC VAN MUYLEM
(87) International Publication No	:WO 03/046071	2)SAMUEL G. THOMAS JR.
(61) Patent of Addition to Application Number	:NA	3)SUSAN D. LANDRY
Filing Date	:NA	4)DOUGLAS W. LUTHER
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 44No of Claims : 37

(57) Abstract :
Disclosed are flame retardant compositions comprised of (a) brominated anionic styrenic polymer, and (b) at least one polybrominated alpha-omega diphenylUcane having a total of at least 6 bromine atoms directly bonded to the phenyl rings and in the range of 1 to 6 carbon atoms in the alkylene group disposed between the phenyl groups, and specified flame retarded polymer compositions with which have been blended (a) and (b) individually or in combination.

(54) Title of the invention : "MELTING AND VAPORIZING APPARATUS AND METHOD"

(51) International classification	:C23C 14/32	(71)Name of Applicant :
(31) Priority Document No	:10/751,946	1)CZT INC.
(32) Priority Date	:07/01/2004	Address of Applicant :525 NORTH HURRICANE LANE, LAWRENCE,
(33) Name of priority country	:U.S.A.	KANSAS 66049, U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/035244	(72)Name of Inventor :
Filing Date	:25/10/2004	1)SUSANA CURATOLO
(87) International Publication No	:WO 2005/068680	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 13

(57) Abstract :

An apparatus and method for heating materials or substances in an oven at an oven temperature below their melting and/or vaporization points to either melt and/or vaporize the substance. Substances are inserted into a substantially spherical envelope. The envelope is sealed at a preset pressure. The solid is heated in an oven at an oven temperature substantially below the melting or vaporization temperature of the substance at the preset pressure for a time sufficient to either melt or vaporize the substance.

(54) Title of the invention : "SPATIAL SPREADING IN A MULTI-ANTENNA COMMUNICATION SYSTEM"

(51) International classification	:H04L 1/06	(71)Name of Applicant :
(31) Priority Document No	:60/531,021	1)QUALCOMM INCORPORATED
(32) Priority Date	:17/12/2003	Address of Applicant :5774 MOREHOUSE DRIVE, SAN DIEGO,
(33) Name of priority country	:U.S.A.	CALIFORNIA 92121-1714 UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2004/042236	(72)Name of Inventor :
Filing Date	:15/12/2004	1)JAY RODNEY WALTON
(87) International Publication No	:WO 2005/060144	2)LIZHONG ZHENG
(61) Patent of Addition to Application Number	:NA	3)JOHN W. KETCHUM
Filing Date	:NA	4)MARK S. WALLACE
(62) Divisional to to Application Number	:NA	5)STEVEN J. HOWARD
Filing Date	:NA	

No of Pages : 43

No of Claims : 53

(57) Abstract :

Spatial spreading is performed in a multi-antenna system to randomize an "effective" channel observed by a receiving entity for each transmitted data symbol block. For a MIMO system, at a transmitting entity, data is processed (e.g., encoded, interleaved, and modulated) to obtain ND data symbol blocks to be transmitted in NM transmission spans, where $nb \geq 1$ and $nm > 1$. The ND blocks are partitioned into NM data symbol subblocks, one subblock for each transmission span. A steering matrix is selected (e.g., in a deterministic or pseudo-random manner from among a set of L steering matrices, where $L > 1$) for each subblock. Each data symbol subblock is spatially processed with the steering matrix selected for that subblock to obtain transmit symbols, which are further processed and transmitted via NT transmit antennas in one transmission span. The ND data symbol blocks are thus spatially processed with N steering matrices and observe an ensemble of channels.

(54) Title of the invention : "THERMAL INTERFACE MATERIAL ADN SOLDER PERFORMS"

(51) International classification	:H01L 23/48	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FRY'S METALS INC.
(32) Priority Date	:NA	Address of Applicant :600, ROUTE 440, JERSEY CITY, NEW JERSEY
(33) Name of priority country	:NA	07304, USA U.S.A.
(86) International Application No	:PCT/US2003/037645	(72)Name of Inventor :
Filing Date	:25/11/2003	1)BRIAN LEWIS
(87) International Publication No	:WO 2005/064677 A1	2)BAWA SINGH
(61) Patent of Addition to Application Number	:NA	3)BAWA SINGH
Filing Date	:NA	4)JOHN P. LAUGHLIN
(62) Divisional to to Application Number	:NA	5)DAVID V. KYAW
Filing Date	:NA	6)ANTHONY INGHAM

No of Pages : 24No of Claims : 35

(57) Abstract :
A solder preform (5,12) having multiple layers including a solder layer filled with additives interposed between two unfilled layers for improved wellability. A solder preform having a sphere which contains a solder material filled with additives, and an unfilled surface layer for improved wottability. Among the fillers are CTE modifying components and/or a thermal conductivity enhancement components.

(54) Title of the invention : "1-N-PHENYL-AMINO-1H-IMIDAZOLE DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM"

		(71)Name of Applicant : 1) LABORATOIRE THERAMEX Address of Applicant :6 AVENUE PRINCE HEREDITAIRE ALBERT, MC-98000 MONACO. Monaco
		(72)Name of Inventor : 1)LAFAY, JEAN 2)RONDOT, BENOIT 3)BONNET, PAULE 4)CLERC, THIERRY 5)SHIELDS, JACQUELINE 6)DUC, IGOR 7)DURANTI, ERIC 8)PUCCIO, FRANCOIS 9)BLOT, CHRISTIAN 10)MAILLOS, PHILIPPE
(51) International classification	:C07D 233/56	
(31) Priority Document No	:03293152.9	
(32) Priority Date	:15/12/2003	
(33) Name of priority country	:EUROPEAN UNION	
(86) International Application No	:PCT/EP2004/014847	
Filing Date	:15/12/2004	
(87) International Publication No	:WO 2005/058842	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 78

No of Claims : 40

(57) Abstract :
The invention relates to the compounds of formula (I), in which R1, R2, R3, R4, Q and Z are as defined in the specification. The invention also relates to the pharmaceutical compositions containing these compounds.

(54) Title of the invention : "VASCULAR IMPLANT"

(51) International classification	:A61F	(71) Name of Applicant :
(31) Priority Document No	:158960	1)NEOVASE MEDICAL LTD.
(32) Priority Date	:19/11/2003	Address of Applicant :06 YONI NETANYAHU STREET, 60376 OR
(33) Name of priority country	:Israel	YEHUDA ISREAL Israel
(86) International Application No	:PCT/IL2004/001063	(72) Name of Inventor :
Filing Date	:18/11/2004	1)BEN-MUVHAR SHMUEL
(87) International Publication No	:WO 2005/048871	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 40

(57) Abstract :

A medical implant (20) includes first and second ring members (22,24), each including a resilient framework (26) having a generally cylindrical form. A tubular sleeve (28) is fixed to the first and second ring members so as to hold the ring members in mutual longitudinal alignment, thereby defining a lumen (32) passing through the ring members. A constricting element (30) is fit around the sleeve at a location intermediate the first and second ring members so as to reduce a diameter of the lumen at the location.

(54) Title of the invention : "USE OF THE ENANTIOMER (1S,2R) OF MILNACIPRAN FOR THE PREPARATION OF A MEDICAMENT "

(51) International classification	:A61K 31/135	(71)Name of Applicant :
(31) Priority Document No	:03/01849	1)PIERRE FABRE MEDICAMENT
(32) Priority Date	:14/02/2003	Address of Applicant :45, PLACE ABEL-GANCE F-92100
(33) Name of priority country	:France	BOULOGNE-BILLANCOURT, FRNACE France
(86) International Application No	:PCT/FR2004/000347	(72)Name of Inventor :
Filing Date	:16/02/2004	1)DEREGNAUCOURT, JEAN
(87) International Publication No	:WO 2004/075886	2)GROSSE, RICHARD
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 54

No of Claims : 21

(57) Abstract :

A method for treating or preventing a disorder or a condition by double inhibition of serotonin (5-HT) and noradrenaline (NA) reuptake in a subject in need thereof, while limiting the risks of cardiovascular disturbances and/or organ and/or tissue toxicity, comprising the step of administering to said subject a mixture of enantiomers of milnacipran enriched in the (1S, 2R) enantiomer of milnacipran and/or of at least one of its metabolites, as well as their pharmaceutically-acceptable salts.

(54) Title of the invention : "USE OF COMPOSITIONS BASED ON IMPACT-RESISTANT MODIFIED POLYALKYLENE TEREPHTHALATE/POLYCARBONATE BLENDS FOR PRODUCING MOLDED BODIES"

(51) International classification	:C08L 67/02	(71)Name of Applicant :
(31) Priority Document No	:103 07 685.9	1)BAYER MATERIALSCIENCE AG
(32) Priority Date	:21/02/2003	Address of Applicant :51368 LEVERKUSEN, GERMANY. Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/001294	1)PETER PERSIGEHL
Filing Date	:12/02/2004	2)THOMAS BRAIG
(87) International Publication No	:WO 2004/074377	3)ALEXANDER KARBACH
(61) Patent of Addition to Application Number	:NA	4)MATTHIAS VOETZ
Filing Date	:NA	5)PAUL FRIEDEMANN
(62) Divisional to to Application Number	:NA	6)DORIS DRESCHSLER
Filing Date	:NA	7)JORG TILLACK

No of Pages : 47

No of Claims : 6

(57) Abstract :
Use of compositions based on impact-modified polyalkylene terephthalate/ polycarbonate blends in the production of moulded bodies The present invention relates to the use of compositions based on impact-modified polyalkylene terephthalate/polycarbonate blends in the production of semi-finished products and mouldings.

(54) Title of the invention : INTERACTIVE REAL TIME GRID-BASED GRAPHICAL TRADING SYSTEM

(51) International classification	:G06F 17/60
(31) Priority Document No	:PCT/CA2003/000001
(32) Priority Date	:03/08/2005
(33) Name of priority country	:Canada
(86) International Application No	:PCT/CA2003/000001
Filing Date	:03/01/2003
(87) International Publication No	:WO 2004/061729
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RAM, PRANILAddress of Applicant :251 BATHURST STREET, 1ST FLOOR,
TORONTO, ONTARIO M5T 2S4 (CA). Canada

(72)Name of Inventor :

1)RAM, PRANIL**2)ALMODOVAR, CRISPIN, M.**

No of Pages : 53

No of Claims : 32

(57) Abstract :

The present invention relates to software which may be employed by individual traders who trade in real time with respect to a specific market, as buyers or sellers. The present invention provides an interactive grid-based graphical trading system comprising a "checkerboard" matrix of intersecting one or more rows and one or more columns representing, interchangeably, price increments along one axis and one or more markets or market participants along a second axis, for any specific security. The resulting grid displayed on a suitable display device is associated with market information so that a buying or selling instruction may be given. Moreover, since the display functions in real time, the user receives a dynamic graphical representation of existing market conditions at that instant in time with respect to any security. Similarly, the trader using the interactive grid-based graphical trading system may effect an order placement or order modification transaction by dragging and dropping an icon or any suitable GUI object into the "checkerboard" matrix. The user can then subsequently reposition the order graphically in terms of price and/or market participant.

(54) Title of the invention : "HIV INHIBITING 1,2,4-TRIAZINES"

(51) International classification :C07D 253/06
 (31) Priority Document No :PCT/EP03/01289
 (32) Priority Date :07/02/2003
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2004/050084
 Filing Date :05/02/2004
 (87) International Publication No :WO 2004/074266
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)JANSEEN PHARMACEUTICA N.V.

Address of Applicant :TURNHOUTSEWEG 30, 2340 BEERSE, BELGIUM Belgium

(72)Name of Inventor :

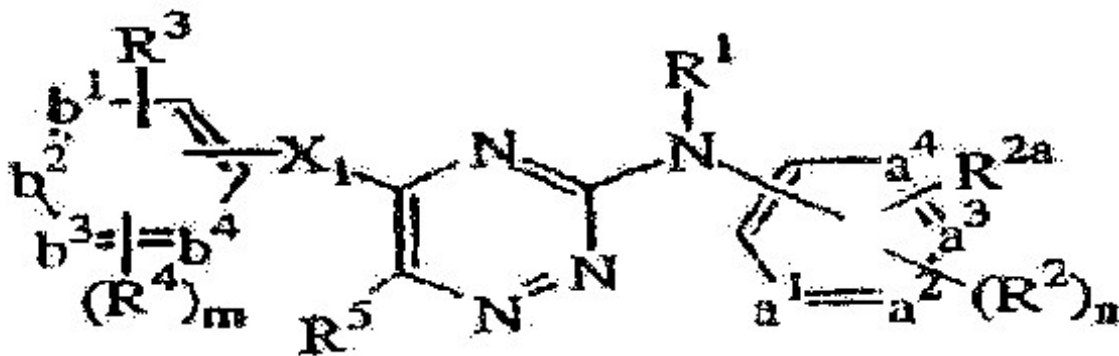
1)PAULUS JOANNES LEWI**2)PAUL ADRIAAN JAN JANSSEN****3)MARC RENE DE JONGE****4)LUCIEN MARIA HENRICUS KOYMANS****5)HENDRIK MAARTEN VINKERS****6)FREDERIK FRANS DESIRE DAEYAERT****7)JAN HEERES****8)RUBEN GERARDUS GEORGE LEENDERS****9)GEORGES JOSEPH CORNELIUS HOORNAERT****10)AMURI KILONDA****11)DONALD WILLIAM LUDOVICI**

No of Pages : 83

No of Claims : 15

(57) Abstract :

The present invention relates to HIV replication inhibitors of formula (I) as defined in the specification their use as a medicine, their processes for preparation and pharmaceutical compositions comprising them.



(54) Title of the invention : "NOVEL COMBINATION"

(51) International classification	:A61K 45/06	(71) Name of Applicant :
(31) Priority Document No	:0211919.6	1)PFIZER INC.
(32) Priority Date	:23/05/2002	Address of Applicant :235 EAST 42ND STREET, NEW YORK, NEW
(33) Name of priority country	:U.K.	YORK 10017, USA. U.S.A.
(86) International Application No	:PCT/IB2003/001889	(72) Name of Inventor :
Filing Date	:09/05/2003	1)DAVID NATHAN ABRAHAM FOX
(87) International Publication No	:WO 2003/099194	2)BERNADETTE HUGHES
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 13

(57) Abstract :
A combination comprising a) [5-[2-ethoxy-5(4-methyl-l- piperazinylsluphonyl)phenyl]-1 -methyl-3-n-propyl-1, 6-dihydro-7H- pyrazolo[4,3-d]pyrirmidin-7-one (sildenafil) or a pharmaceutically acceptable salt thereof and b) zofenapril or a pharmaceutically acceptable salts thereof, useful for treating hypertension.

(54) Title of the invention : "FACTOR VIII POLYPEPTIDE"

(51) International classification :C07K 14/755 (31) Priority Document No :10/353,753 (32) Priority Date :28/01/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/KR2003/002277 Filing Date :27/10/2003 (87) International Publication No :WO 2004/067566 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA		(71)Name of Applicant : 1)IN2GEN CO., LTD Address of Applicant :6TH FLOOR, CANCER RESEARCH INSTITUTE, SEOUL NATIONAL UNIVERSITY COLLEGE OF MEDICINE 28 YONGON-DONG, CHONGNO-GU, SEOUL 110-799, REPUBLIC OF KOREA. Republic of Korea (72)Name of Inventor : 1)KIM, HUN-TAEK 2)SONG, IN-YOUNG 3)CHOL, JAE WON 4)JANG, JIN-WOOK 5)KIM, YONG-KOOK 6)LEE, HO SOON 7)BANG, YUNG-JUE 8)KIM, DAE-KEE

No of Pages : 63

No of Claims : 23

(57) Abstract :
The application discloses Factor VIII polypeptides comprising internal deletions of ammo acids within the area of residues 741 to 1689, wherein the thrombin cleavage sites at about 741 and about 1689 are present, and a site at about 1648 is not present, as compared to human Factor VIII.

(54) Title of the invention : COMPOSITION, FORMULATIONS & KIT FOR TREATMENT OF RESPIRATORY & LUNG DISEASE WITH DEHYDROEPIANDROSTERONE(S) STEROID & AN ANTI-MUSCARINIC AGENT(S)

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:60/388,170	1)EPIGENESIS PHARMACEUTICALS, LLC
(32) Priority Date	:12/06/2002	Address of Applicant :7 CLARK DRIVE, CRANBURY, NJ 08512 (US)
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2003/018967	(72)Name of Inventor :
Filing Date	:12/06/2003	1)NYCE, JONATHAN, W.
(87) International Publication No	:WO 2004/014293	2)ROBINSON, CYNTHIA, B.,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 77

No of Claims : 95

(57) Abstract :
A pharmaceutical or veterinary composition comprises a non-corticosteroids, and/or salts thereof, and an antimuscarinic (anti-cholinergic) agent, and/or pharmaceutically or veterinarily acceptable salts thereof. The composition is provided in various formulations and in the form of a kit. The products of this patent are useful in the prophylaxis and treatment of various respiratory, lung and malignant diseases.

(54) Title of the invention : "DISTRIBUTION RIGHTS AND MANAGEMENT OF DIGITAL CONTENT"

(51) International classification :G06F
 (31) Priority Document No :60/444,581
 (32) Priority Date :03/02/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/002356
 Filing Date :28/01/2004
 (87) International Publication No :WO 2004/070538
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

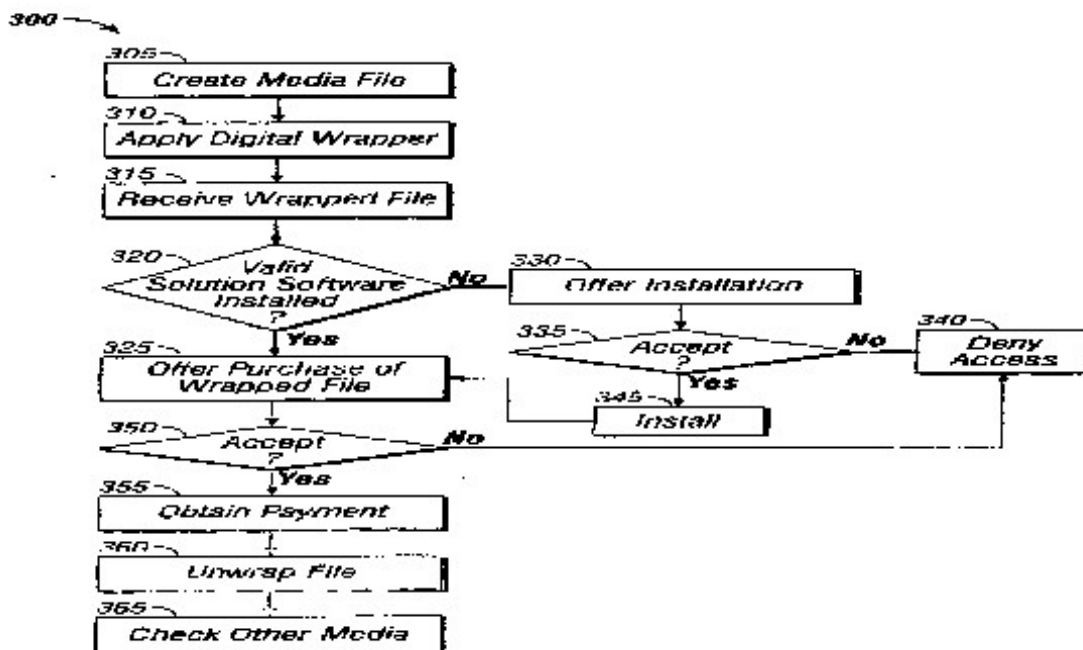
(71)Name of Applicant :
1)TENNESSEE PACIFIC GROUP, L.L.C.
 Address of Applicant :230 FRANKLIN ROAD, SUITE 11-JJ,
 FRANKLIN, TENNESSEE 37065, USA U.S.A.
 (72)Name of Inventor :
1)RABON POU
2)DAVE JAWORSKI
3)JOZEF NUYENS
4)BRAD EDMONSON
5)SCOTT LEWIS

No of Pages : 54

No of Claims : 118

(57) Abstract :

Techniques and systems for for managing digital rights can be implemented to protect against unauthorized copying of digital content and to help ensure payment to content owners and distributors. Digital wrappers can be applied (310, 1020) to data files to prevent access (135, 340, 440) without a valid authorization. Information relating to authorizations to access data files and/or keys for accessing the data files may be stored and retrieved using data stored in a non-volatile storage area (220) of a user device (205). Software on the user device can be used to recognize files (HO, 415) and to apply digital wrappers (310, 455, 1020) to recognized files. In addition, the software can be used to remove digital wrappers (360, 685, 770) from files in accordance with authorizations to access the files. Payments or other credits can be allocated (920, 940) among distributors of a data file using information associated with the digital wrappers.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3484/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :05/08/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : "SYSTEM AND METHOD FOR COMPRESSION OF WIRELESS APPLICATIONS EXPRESSED IN A STRUCTURED DEFINITION LANGUAGE"

(51) International classification :H03M 7/30
(31) Priority Document No :60/447, 430
(32) Priority Date :14/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2004/000209
Filing Date :16/02/2004
(87) International Publication No :WO 2004/073170
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RESEARCH IN MOTION LIMITED
Address of Applicant :295 PHILLIP STREET, WATERLOO, ONTARIO
N2L 3W8, CANADA Canada
(72)**Name of Inventor :**
1)MICHAEL SHENFIELD
2)BRYAN R. GORING

No of Pages : 34

No of Claims : 46

(57) Abstract :

Systems and methods of compressing software applications are provided. A received software application includes common tags and attributes for a class of software applications, application-specific elements, and displayable data. The common tags and attributes are encoded, and the application-specific elements are also encoded, while the displayable data remains unen-coded. A compressed software application, including the encoded common tags and attributes, the encoded application-specific data, and the unencoded displayable data, is thereby generated. The information source of the encoded application and the recipient destination device may share knowledge of the compression codes used for encoding the predefined common and predefined application specific elements.

(54) Title of the invention : "SYNTHESIS OF 2-BUTYL-3-[2'-(1-TRITYL-1H-TETRAZOL-5-YL)BIPHENYL-4-YL]-1,3-DIAZASPIRO[4,4]-NON-ENE-4-ONE"

(51) International classification :C07D 403/10
(31) Priority Document No :60/445,218
(32) Priority Date :05/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/003604
Filing Date :05/02/2004
(87) International Publication No :WO 2004/072064
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TEVA PHARMACEUTICAL INDUSTRIES LTD.
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TIQVA 49131,ISRAEL. Israel
(72)**Name of Inventor :**
1)GENNADY NISNEVICH
2)IGOR RUKHMAN
3)BORIS PERTSIKOV
4)JULIA KAFTANOV
5)BEN-ZION DOLITZKY

No of Pages : 24

No of Claims : 41

(57) Abstract :

Provided is a novel method of making 2-buty]-3-[[2'(1-trityl-1H-tetrazol-5-yl)biphen-4-yl)methyl]l,3-diaza-spiro[4,4]non-1-ene-4-one, which can be converted to irbesartan. Also provided are methods of making irbesartan.

(54) Title of the invention : "METHOD FOR PREPARING ACID ADDITION SALTS OF POLYACIDIC BASIC COMPOUNDS"

(51) International classification	:C07D 401/12	(71)Name of Applicant :
(31) Priority Document No	:2003-052700	1)KOWA CO., LTD.
(32) Priority Date	:28/02/2003	Address of Applicant :6-29, NISHIKI 3-CHOME, NAKA-KU,
(33) Name of priority country	:Japan	NAGOYA-SHI, AICHI 460-8625, JAPAN. Japan
(86) International Application No	:PCT/JP2004/002375	(72)Name of Inventor :
Filing Date	:27/02/2004	1)KIMIYUKI SHIBUYA
(87) International Publication No	:WO 2004/076441	2)TADAAKI OHGIYA
(61) Patent of Addition to Application Number	:NA	3)TAKAYUKI MATSUDA
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 58

No of Claims : 12

(57) Abstract :
This invention relates to a method for preparing an acid addition salt of a polyacidic basic compound, or a water adduct having basic site(s) stronger than pyridine. The method comprises reacting the polyacidic basic compound with an acid salt of pyridine. By the present invention, the number of moles of an added acid in the acid addition salt of the polyacidic basic compound can be readily changed to a number suited for the polyacidic basic compound as needed.

(54) Title of the invention : "COMPOUND, PROCESS FOR PRODUCING THE SAME AND USE THEREOF"

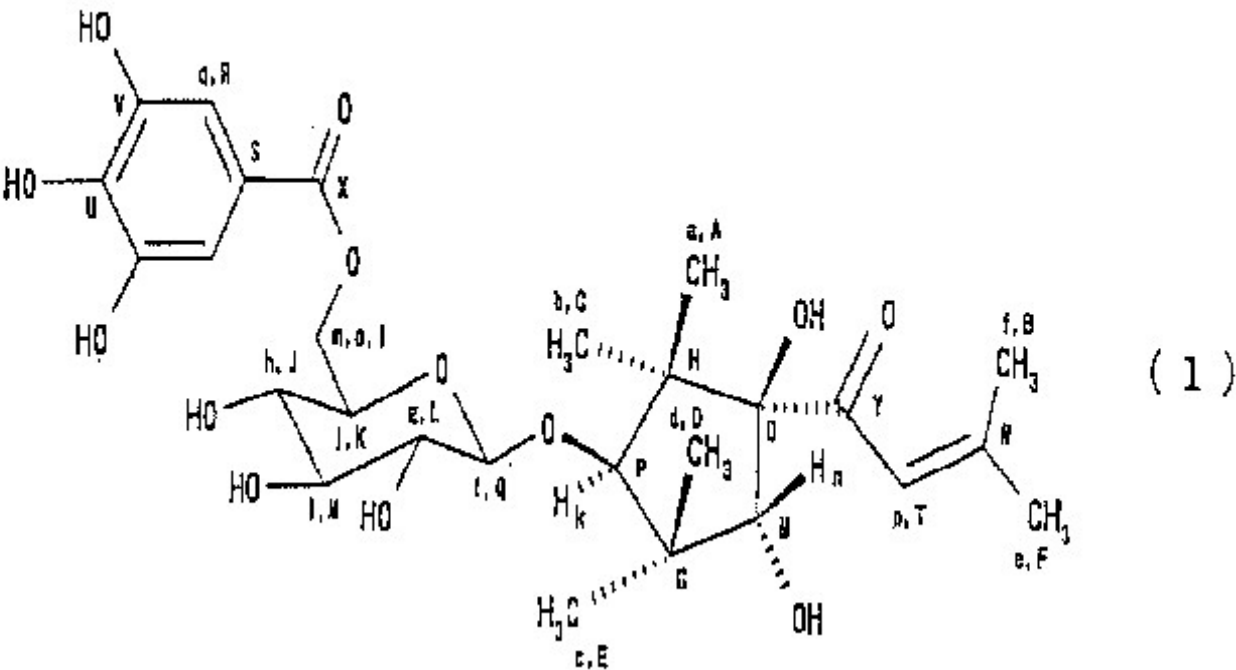
(51) International classification	:C07H 15/203	(71)Name of Applicant :	
(31) Priority Document No	:2002-42486	1)NICHIREI BIOSCIENCES INC.	
(32) Priority Date	:20/02/2003	Address of Applicant :19-20, TSUKIJI 6-CHOME, CHUO-KU, TOKYO	
(33) Name of priority country	:Japan	104-8402, JAPAN Japan	
(86) International Application No	:PCT/JP2003/016544	(72)Name of Inventor :	
Filing Date	:24/12/2003	1)KENICHI NAGAMINE	
(87) International Publication No	:WO 2004/074304	2)MIKI HAYASHI	
(61) Patent of Addition to Application Number	:NA	3)KAORI YAMASAKI	
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 24

No of Claims : 7

(57) Abstract :

A component represented by the following formula (1) which originates in a natural material (CAMU CAMU; Myr-'iaria Jubia') and has a poienl anlioxidant actively and a stable whitening effect. An anlioxidant agent, a whitening agent, a skin preparation for external use, a cosmetic and a food characterized by containing the compound represented by the formula (1).



(54) Title of the invention : "FRONT SUCTION/DISCHARGE TYPE OUTDOOR UNIT FOR AIRCONDITIONER"

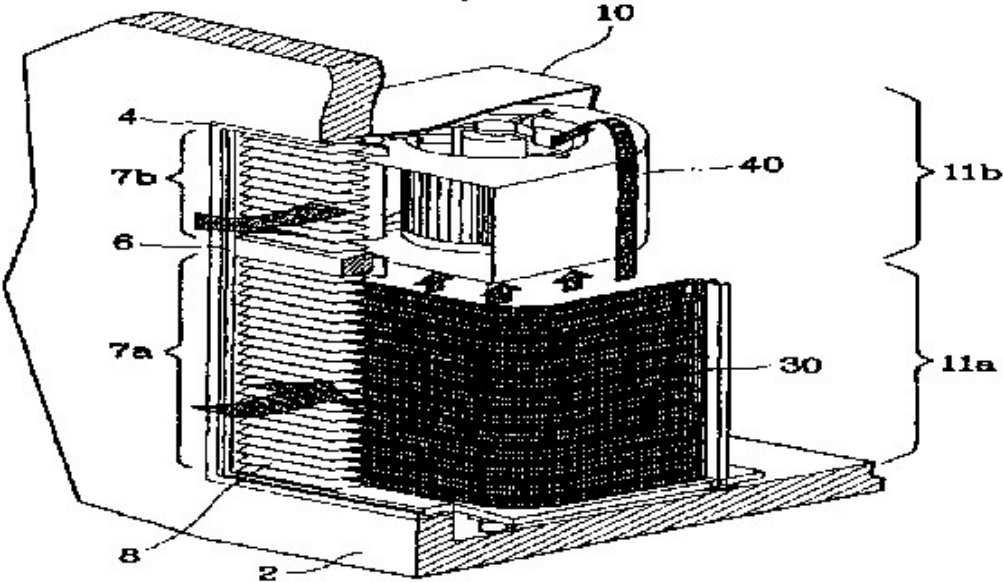
(51) International classification :F24F		(71)Name of Applicant :
(31) Priority Document No :10-2003-0012097		1)LG ELECTRONICS, INC
(32) Priority Date :26/02/2003		Address of Applicant :20, YOIDO-DONG,YONGDUNGPO-KU 150-010, SEOUL, REPUBLIC OF KOREA. Republic of Korea
(33) Name of priority country :Republic of Korea		(72)Name of Inventor :
(86) International Application No :PCT/KR2004/000397		1)KIM, IN-GYU
Filing Date :26/02/2004		2)KOO, JA-HYUNG
(87) International Publication No :WO 2004/076933		3)PARK, BYUNG-11
(61) Patent of Addition to Application Number :NA		4)KIM, YANG-HO
Filing Date :NA		5)HONG, YOUNG-HO
(62) Divisional to to Application Number :NA		6)HEO, KYEONG-WOOK
Filing Date :NA		7)SUNG, SI-KYONG
		8)LEE, DONG-HYUK
		9)KIM, TAE-GEUN

No of Pages : 22

No of Claims : 17

(57) Abstract :

The present invention relates to a front suction/discharge type outdoor unit (10)for an air conditioner which can increase heat exchange efficiency by passing outdoor air sucked through a front surface unit through an air-cooled condenser (30), exchanging heat between outdoor air and refrigerants, and discharging heat-exchanged air to the outdoors. The front suction/discharge type outdoor unit for the air conditioner includes: an outdoor unit casing having a front surface unit (7a, 7b) opened to be linked to the outside of a building, both side units (12a, 12b) formed at both ends of the front surface unit, a rear surface (12c) unit formed to face the front surface unit, a bottom surface unit (14) formed at the lower ends of the front surface unit, the both side units and the rear surface unit, and a top surface unit formed at the upper ends of the front surface unit, the both side units and the rear surface unit; a compressor (20) for compressing a refrigerant gas supplied from an indoor unit to the outdoor unit casing; an air-cooled condenser (30) installed in the outdoor unit casing, and disposed to face at least two surfaces of the front surface unit, the both side units and the rear surface unit at a predetermined distance, for condensing the refrigerant gas supplied from the compressor; a cooling fan (40) for sucking outdoor air from the outside of the building through the front surface unit and the air-cooled condenser, and discharging air heat-exchanged in the air-cooled condenser to the outside of the building through the front surface unit; and a top cover (32a,32b,32c) installed at the upper side of a space unit formed between the air-cooled condenser and the surfaces of the outdoor unit casing facing the air-cooled condenser, for inducing outdoor air sucked from the outside of the building through the front surface unit to the space unit.



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(12) PATENT APPLICATION PUBLICATION

(21) Application No.3510/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :10/11/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : "PROCESS FOR THE PREPARATION OF A HYDRATE OF AN ANTHRANILIC ACID DERIVATIVE"

(51) International classification	:C07D 401/12
(31) Priority Document No	:60/379,759
(32) Priority Date	:14/05/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB03/02060
Filing Date	:13/05/2003
(87) International Publication No	:WO 03/095447
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)XENOVA LIMITED
Address of Applicant :957 BUCKINGHAM AVENUE, SLOUGH,
BERKSHIRE SL1 4NL, ENGLAND. U.K.
(72)**Name of Inventor :**
1)DAVID FRANK HAYMAN
2)MICHAEL WRIGHT

No of Pages : 32

No of Claims : 19

(57) Abstract :

A hydrate of an acid addition bis-salt of an anthranilic acid derivative is produced by a process which comprises: (a) combining, in any order, the anthranilic acid derivative, a pharmaceutically acceptable organic solvent, an excess of water and a pharmaceutically acceptable strong acid to form a mixture; (b) warming the mixture until a clear solution forms; (c) filtering the solution while it is warm, to yield a filtrate; and (d) recovering the hydrate as defined above from the filtrate. The hydrate has a defined number of moles of water of crystallisation and possesses better storage stability and dissolution characteristics than conventionally produced hydrates of such acid addition bis-salts.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3524/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :09/08/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : " METHOD AND APPARATUS FOR LOCAL IP ADDRESS TRANSLATION"

(51) International classification	:H04L 29/12
(31) Priority Document No	:10/355,683
(32) Priority Date	:30/01/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2004/000121
Filing Date	:14/01/2004
(87) International Publication No	:WO 2004/068821
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INTERNATIONAL BUSINESS MACHINES CORPORATION.
Address of Applicant :NEW ORCHARD ROAD, ARMONK, NY 10504
USA. U.S.A.
(72)**Name of Inventor :**
1)BHOGAL KULVIR SINGH
2)ISHMAEL JR NIZMUDEEN

No of Pages : 19

No of Claims : 10

(57) Abstract :

A method, apparatus, and program for requesting a page from a server (302) in a networked computer system. The page is requested, using a domain name, a first time from a client application (300) in the computer system in which the page is requested. An Internet Protocol address for the domain name is looked up on a remote domain name server (304) and used to request the page. The address is stored locally in an address translation database (304), accessible only by the client application, associated with the page domain name. Subsequent page requests may be processed using this database, which is referenced in response to a page request to determine whether an address is present for the page. The page is requested using an address returned from the database if it is present. Otherwise, the remote domain name server is queried to determine the address of the selected

(54) Title of the invention : "PROCESS FOR PRODUCING LEVETIRACETAM"

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:60/444,550	1)TEVA PHARMACEUTICAL INDUSTRIES LTD.
(32) Priority Date	:03/02/2003	Address of Applicant :5 BASEL STREET, P.O.BOX 3190, PETAH
(33) Name of priority country	:U.S.A.	TIQVA 49131, ISRAEL. Israel
(86) International Application No	:PCT/US2004/003149	(72)Name of Inventor :
Filing Date	:03/02/2004	1)BEN-ZION DOLITZKY
(87) International Publication No	:WO 2004/069796	2)JEAN HILDESHEIM
(61) Patent of Addition to Application Number	:NA	3)SERGUEI FINE
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 28

(57) Abstract :
The invention relates to a method of making optically and chemically pure levctiracelam and to the levetiracetam produced by suchlprocess.

(54) Title of the invention : "ANTIBODY MOLECULES HAVING SPECIFICITY FOR HUMAN IL-1"

(51) International classification	:C07K 16/24	(71)Name of Applicant :
(31) Priority Document No	:0303337.0	1)CELLTECH R&D LIMITED
(32) Priority Date	:13/02/2003	Address of Applicant :208 BATH ROAD, SLOUGH, BERKSHIRE SL1
(33) Name of priority country	:U.K.	3WE, GREAT BRITAIN. U.K.
(86) International Application No	:PCT/GB2004/000463	(72)Name of Inventor :
Filing Date	:06/02/2004	1)ALASTAIR DAVID GRIFFITHS LAWSON
(87) International Publication No	:WO 2004/072116	2)ANDREW GEORGE POPPLEWELL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 56No of Claims : 42

(57) Abstract :
The invention relates to an antibody molecule having specificity for antigenic determinants of IL-1p, therapeutic uses of the antibody molecule and methods for producing said antibody molecule.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3563/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :11/08/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : "COMPOSITIONS COMPRISING COMPLEXES OF CYCLODEXTRIN AND AT LEAST ONE LAUNDRA TREATMENT ACTIVE"

(51) International classification	:C11D 3/22
(31) Priority Document No	:03447059.1
(32) Priority Date	:24/03/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/US2004/009047
Filing Date	:24/03/2004
(87) International Publication No	:WO 2004/085590
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THE PROCTER & GAMBLE COMPANY
Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
CINCINNATI, OH 45202, U.S.A. U.S.A.
(72)**Name of Inventor :**
1)YATES, ADAM, THOMAS
2)BROOKER, ALAN, THOMAS
3)BETTIOL, JEAN-LUC, PHILLIPE
4)GRAYDON, ANDREW, RUSSELL
5)LAPHAM, PAUL
6)CANCEIL, SYLVESTRE

No of Pages : 54

No of Claims : 21

(57) Abstract :

The present invention relates to compositions comprising (A) a complex of cyclodextrin and at least one laundry treatment active wherein the complex is prepared by the steps of : (a) combining cyclodextrin and atleast one laundry treatment active wherein the cyclodextrin and the laundry treatment active is dissolved, dispersed, suspended, or emulsified in at lest one solvent; and (b) removing at least partially the solvent; (B) further comprising at least one laundry adjunct material selected from the group consisting of surfactants; stabilizers; builders; perfumes; enzymes; chelating agents; suds suppressors, colours; opacifiers; anti-oxidants; bactericides; neutralizing agents; buffering agents; phase regulants, dye-transfer inhibitors, hydrotropes, thickeners and mixtures thereof. The present invention is further directed to the process of preparing such compositions and to methods of treating substrates with such compositions.

(54) Title of the invention : "REFRIGERATING CYCLE APPARATUS"

(51) International classification	:F25B 1/00	(71)Name of Applicant :
(31) Priority Document No	:2003-051317	1)TOSHIBA CARRIER CORPORATION
(32) Priority Date	:27/02/2003	Address of Applicant :1-1, CHIBAURA 1-CHOME, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO 105-8001, JAPAN. Japan
(86) International Application No	:PCT/JP2004/002062	(72)Name of Inventor :
Filing Date	:23/02/2004	1)UENO KIYOTAKA
(87) International Publication No	:WO 2004/076945	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27No of Claims : 14

(57) Abstract :
An excess portion of an oiL in compressors (4a), (4b) is collected into a buffer tank (44) through oii balancing tubes (41a), (41b) and the distributive supply of the oii (L) is effected from the buffer tank (44) to the compressors (4a), (4b) and the pressure of a refrigerant discharged from the compressors (4a), (4b) is applied to the buffer tank (44) through the bypass tube (47) .

(54) Title of the invention : "CROWN REINFORCEMENT FOR RADIAL TYRE"

(51) International classification	:B60C 9/20
(31) Priority Document No	:03/01905
(32) Priority Date	:17/02/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2004/001361
Filing Date	:13/02/2004
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SOCIETE DE TECHNOLOGIE MICHELIN

Address of Applicant :23,RUE BRESCHET,FR-63000 CLERMONT-FERRAND,FRANCE. France

2)MICHELIN RECHERCHE ET TECHNIQUE S.A.,

(72)Name of Inventor :

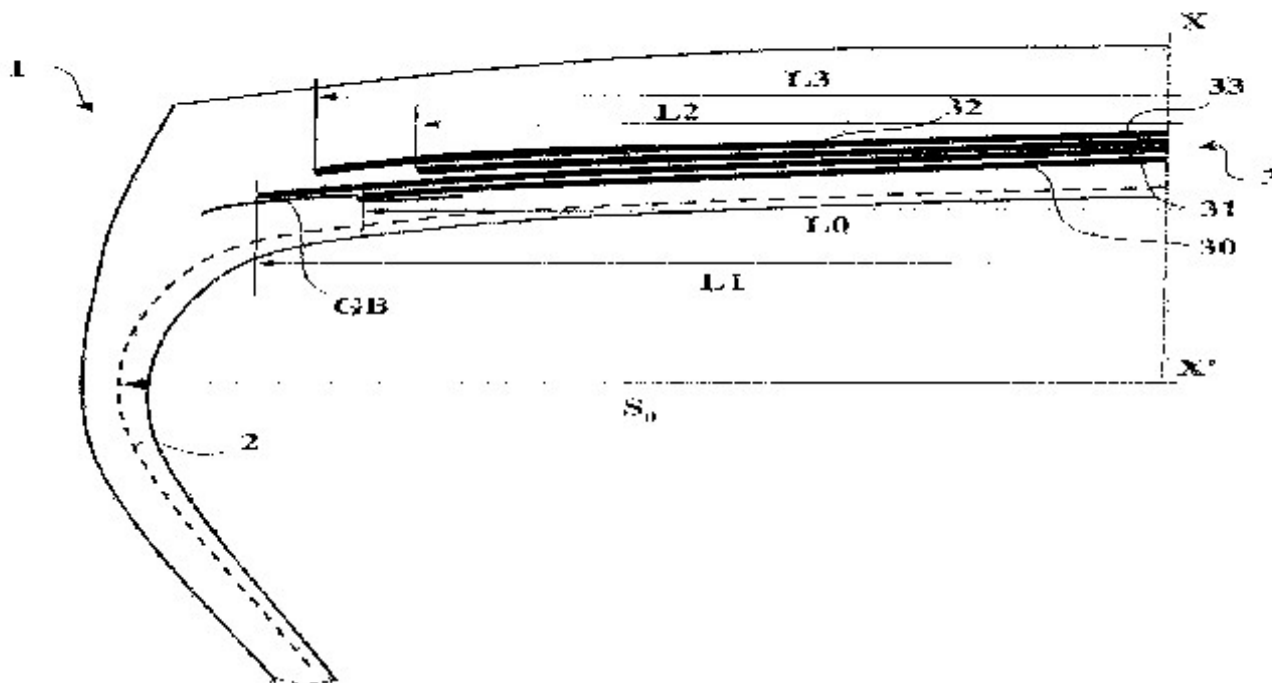
1)STEPHANE CALLAMAND**2)PHILIPPE GERVAIS**

No of Pages : 13

No of Claims : 15

(57) Abstract :

A tyre P, comprising a radial carcass reinforcement surmounted radially by a crown reinforcement consisting of at least one working reinforcement formed of at least two plies of calendered inextensible metallic reinforcement elements, of rubber mix, which are parallel to each other within each ply and are crossed from one ply to the next, forming with the circumferential direction angles α_i and 0.2 of between 10° and 45° , said working plies having axial widths $L1$ and $L2$, and of at least one supplementary ply, referred to as a projective ply, of axial width $L3$ such that $L2 < L3$, 1,2 being the width of the working ply adjacent to the projective ply, and comprising metallic reinforcement elements. According to the invention, a layer of cohesive rubber mix GB is arranged radially to the inside of the working reinforcement, such that the axially outer end of said layer GB is at a distance from the equatorial plane greater than $L1/2$. FIG. 1

FIG. 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3594/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :17/11/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : "RAZOR CARTRIDGE WITH PAINTED AND DRAWN RETAINING CLIP"

(51) International classification	:B26B 21/40
(31) Priority Document No	:09/619,355
(32) Priority Date	:19/07/2000
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US01/22003
Filing Date	:12/07/2001
(87) International Publication No	:WO 02/07935
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:00055/DELNP/2003
Filed on	:15/01/2003

(71)**Name of Applicant :**
1)THE GILLETTE COMPANY
Address of Applicant :PRUDENTIAL TOWER BUILDING, BOSTON,
MASSACHUSETTS 02199, USA U.S.A.
(72)**Name of Inventor :**
1)MARC R. GRUSLIN
2)PAUL FLAHERTY
3)ROBERT W. SMITH
4)MATTHEW J. GUAY

No of Pages : 9

No of Claims : 23

(57) Abstract :

A retaining clip for-a-shaving.razor- said clip, having a clip opening for exposing the cutting edges of razor blades ,to be retained thereunder, said clip being made from a piece of flat painted sheet metal that has been drawn so as to provide an upper surface extending outward of said clip opening and side surfaces extending down ward from said upper surface, said paint on said sheet metal having sufficient delamination properties to pass a delamination test comprising drawing a piece of said flat painted sheet metal such that said paint is compressed greater than 35% and inspecting the resulting drawn piece of sheet metal to see there has been delamination.

(54) Title of the invention : SPATIAL MARKETPLACE SYSTEM

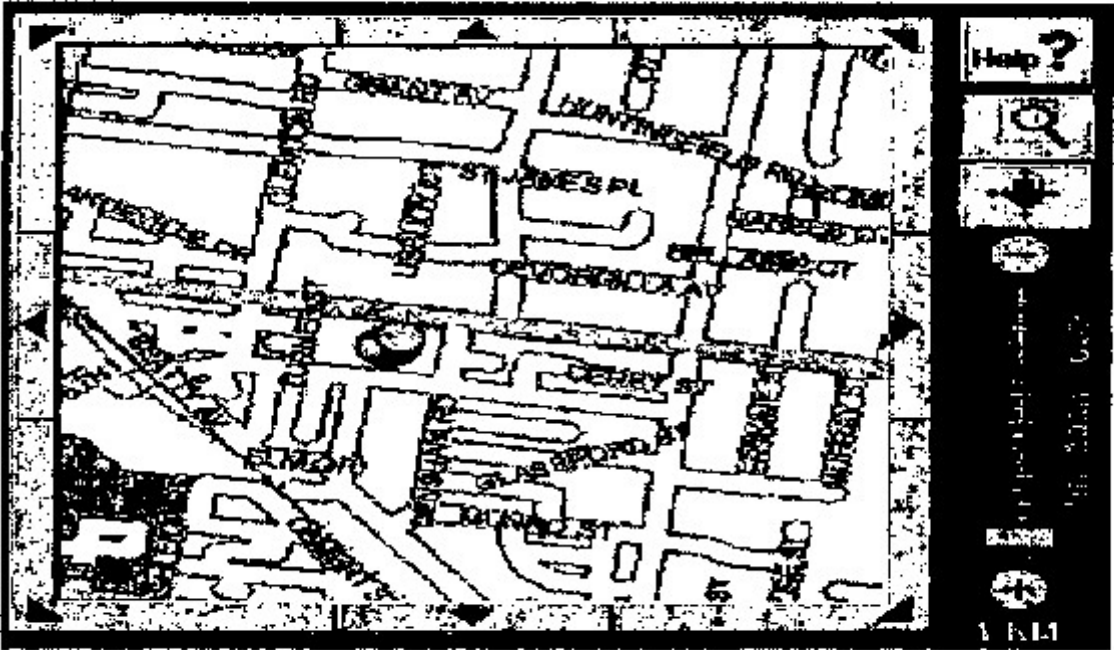
(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date :G06F 17/60 :2003900153 :15/01/2003 :Australia :PCT/AU2004/000054 :15/01/2004 :WO 2004/063951 :NA :NA :NA :NA	(71)Name of Applicant : 1)SUPER INTERNET SITE SYSTEM PTY. LTD. Address of Applicant :GREEN INC BUILDING, MONASH UNIVERSITY, CHURCHILL, VICTORIA, 3842, AUSTRALIA. Australia (72)Name of Inventor : 1)KNORR, JOHN

No of Pages : 23

No of Claims : 27

(57) Abstract :

A method of managing the delivery of offers via a spatial marketplace system involves registering potential customers as members of the system by recording their names and contact details in a database. A spatial identifier, sourced from the contact details supplied during a registration process, is assigned to each database record. Each member nominates one or more attributes corresponding to a commodity in relation to which the member is interested in receiving offers. Each supplier defines a geographic region in which the supplier wishes to do business and nominates one or more attributes corresponding to commodities, which the supplier wishes to sell. A spatial identifier location algorithm is used to identify the database records with spatial identifiers located within the supplier defined geographical region. Delivery of offers from a supplier is restricted to members associated with the identified database records which have nominated attributes matching the supplier nominated attributes.



(54) Title of the invention : DIHYDRATE DEHYDROEPIANDROSTERONE AND METHODS OF TREATING ASTHMA OR CHRONIC OBSTRUCTIVE PULMONARY DISEASE USING COMPOSTIONS THEREOF

(51) International classification	:A61K 31/56	(71)Name of Applicant :
(31) Priority Document No	:60/389,242	1)EPIGENESIS PHARMACEUTICALS. LLP
(32) Priority Date	:17/06/2002	Address of Applicant :7 CLARK DRIVE, CRANBURRY, NJ 08512
(33) Name of priority country	:U.S.A.	(US), U.S.A.
(86) International Application No	:PCT/US2003/018945	(72)Name of Inventor :
Filing Date	:17/06/2003	1)LEONARD, SHERRY, A.
(87) International Publication No	:WO 2003/105775	2)JOHNSON, KEITH, A.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 71No of Claims : 21

(57) Abstract :
This invention relates to a powder formulation comprising a dihydrate dehydroepiandrosterone covalently bound to a sulfate, its analogue(s) or salt(s) by itself and with a pharmaceutically or veterinarily acceptable carrier, and having a particle size of about 0.1 Åµ to about 100 Åµ The formulation can be used to treat or prevent asthma, chronic obstructive pulmonary disease, lung inflammation, SARS, and other respiratory diseases or conditions. The formulation may be prepared by jet milling, and may be delivered through the respiratory tract or other routes. The formulation is provided in a device and a therapeutic kit.

(54) Title of the invention : "A CHAOS THEORETICAL EXPONENT VALUE CALCULATION SYSTEM"

(51) International classification	:G06F 17/10	(71)Name of Applicant :
(31) Priority Document No	:2003-045386	1)ELECTRONIC NAVIGATION RESEARCH INSTITUTE
(32) Priority Date	:24/02/2003	Address of Applicant :42/43, JINDAIJIHIGASHI-MACHI-7-CHOME,
(33) Name of priority country	:Japan	CHOFU-SHI, TOKYO 182-0012 JAPAN. Japan
(86) International Application No	:PCT/JP2003/016954	2)SHIOMI KAKUICHI
Filing Date	:26/12/2003	3)KOBAYASHI SUSUMU
(87) International Publication No	:WO 2004/075074	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SHIOMI KAKUICHI
Filing Date	:NA	2)KOBAYASHI SUSUMU
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 91No of Claims : 27

(57) Abstract :
The present invention provides a system for analyzing a time series signal by a method of Chaos Theory and calculating a chaos theoretical exponent value. It is a chaos theoretical exponent value calculation system comprising: a means for receiving an input of predetermined parameters, a means for reading a time series signal, a means for cutting out from the read time series signal a time series signal for each processing unit $x = x(i)$, a means for calculating a chaos theoretical exponent value of the read time series signal, and a means for outputting a chaos theoretical exponent value of the calculated time series signal, wherein the means for calculating a chaos theoretical exponent value comprises: a means for calculating a chaos theoretical exponent value for a sampling time in a time series signal of the cut-out processing unit $x = x(i)$, and a means for calculating, based on the chaos theoretical exponent value for the sampling time, a chaos theoretical exponent value of a time series signal for a predetermined time.

(54) Title of the invention : "PROCESS FOR PRODUCING AROMATIC CARBOXYLIC ACID"

(51) International classification	:C07C 51/265	(71)Name of Applicant :	
(31) Priority Document No	:2003-044121	1)MITSUBISHI CHEMICAL CORPORATION	
(32) Priority Date	:21/02/2003	Address of Applicant :33-8, SHIBA 5-CHOME, MINATO-KU, TOKYO	
(33) Name of priority country	:Japan	108-0014, JAPAN Japan	
(86) International Application No	:PCT/JP2004/001549	(72)Name of Inventor :	
Filing Date	:13/02/2004	1)MOTOKI NUMATA	
(87) International Publication No	:WO 2004/074231	2)KATSUHIKO FUKUI	
(61) Patent of Addition to Application Number	:NA	3)TOMOHIKO OGATA	
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 24No of Claims : 10

(57) Abstract :
A problem of the invention is to advantageously produce an aromatic carboxylic acid such as terephthalic acid by making the amount of consumption of an acetic acid solvent in a production step of an aromatic carboxylic acid small as far as possible and industrially enhancing production efficiency. The invention is concerned with a process for producing an aromatic carboxylic acid by subjecting an alkyl aromatic compound to oxidation reaction in a liquid phase using acetic acid as a solvent to form aromatic carboxylic acid-containing slurry, wherein methyl acetate which is contained in an exhaust gas as generated in a step after the foregoing oxidation reaction step, namely, a step composed of one or plural steps selected from a crystallization step, a solid-liquid separation step, a drying step, and a solvent recovery step is separated and recovered, and the recovered methyl acetate is returned to the foregoing oxidation reaction step.

(54) Title of the invention : "PROCESS FOR MODIFYING GRAFTED POLYOLEFINS, COMPOSITIONS AND ARTICLES COMPRISING THE POLYOLEFINS, THUS MODIFIED"

(51) International classification :C08F8/44
(31) Priority Document No :03/02509
(32) Priority Date :28/02/2003
(33) Name of priority country :France
(86) International Application No :PCT/EP2004/002082
Filing Date :27/02/2004
(87) International Publication No :WO 2004/076501
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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Address of Applicant :PRINCE ALBERT, 33, B-1050 BRUXELLES,
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2)DINO MANFREDI,
3)FERNAND GAUTHY,

No of Pages : 32

No of Claims : 25

(57) Abstract :

Process for modifying a polyolefin grafted with acid or anhydride groups, by at least partial neutralization of these groups with at least one neutralizing agent comprising an organic salt (1) that releases an organic acid (I) during the neutralization, according to which the organic acid (I) derived from the neutralization of the grafted polyolefin is reacted with at least one inorganic salt (2). Modified polyolefin (that can be) obtained by the process described above. Polymeric composition containing (A) at least one polymer, and (B) at least one modified polyolefin (that can be) obtained by the process above. Article comprising the modified polyolefin or the composition described above.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3646/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :19/11/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : "PRODUCT"

(51) International classification	:C12N 1/00
(31) Priority Document No	:0209007.4
(32) Priority Date	:19/04/2002
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB03/01689
Filing Date	:17/04/2003
(87) International Publication No	:WO 03/089625
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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3)JENSEN, KAREN MÄLLER
4)JOHANNESSEN, ARILD

No of Pages : 24

No of Claims : 14

(57) Abstract :

The invention relates to a microorganism growth substrate which comprises a sterile nutrient composition derived from the biomass of a culture of bacteria including methanotrophic bacteria and further containing at least one sterile nutrient. A preferred biomass material is that derived from a microbial culture comprising *Methylococcus capsulatus* (Bath) (strain NCIMB 11132), *Ralstonia* sp. DB3 (strain NCIMB 13287) and *Brevibacillus agri* DB5 (strain NCIMB 13289), optionally in combination with *Aneurinibacillus* sp. DB4 (strain NCIMB 13288).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3652/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :18/08/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : "ELECTROSTIMULATING SYSTEM"

(51) International classification	:A61N 1/36
(31) Priority Document No	:MO2003 A 000089
(32) Priority Date	:28/03/2003
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2004/003270
Filing Date	:26/03/2004
(87) International Publication No	:WO 2004/084988
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)ZANELLA , ANDREA

No of Pages : 18

No of Claims : 9

(57) Abstract :

An electrostimulating apparatus that generates a relaxing sequence suitable for stimulating the striated or vasoactive muscle fibre for the activation of the microcirculation, based on three fundamental parameters: the width of the electric stimulation: the frequency of said stimulation and the time intervals wherein a plurality of width/frequency combinations follows.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3665/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :18/08/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : DELTA-ENDOTOXIN GENES AND METHODS FOR THEIR USE

(51) International classification	:C12N 15/32
(31) Priority Document No	:60/448,632
(32) Priority Date	:20/02/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/005829
Filing Date	:20/02/2004
(87) International Publication No	:WO 2004/074462
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)HARGISS, TRACY

3)KOZIEL, MICHAEL, G.

4)DUCK, NICHOLAS, B.

5)CARR, BRIAN

No of Pages : 67

No of Claims : 35

(57) Abstract :

Compositions and methods for conferring pesticidal activity to bacteria, plants, plant cells, tissues and seeds are provided. Compositions comprising a coding sequence for a delta-endotoxin and delta-endotoxin-associated polypeptides are provided. The coding sequences can be used in DNA constructs or expression cassettes for transformation and expression in plants and bacteria. Compositions also comprise transformed bacteria, plants, plant cells, tissues, and seeds. In particular, isolated delta-endotoxin and delta-endotoxin-associated nucleic acid molecules are provided. Additionally, amino acid sequences corresponding to the polynucleotides are encompassed. In particular, the present invention provides for isolated nucleic acid molecules comprising nucleotide sequences encoding the amino acid sequences shown in in SEQ ID NOS:3, 5, 7, 9, 11, 14, 16, 18, 20, 22, 24, 27, and 29, and the nucleotide sequences set forth in SEQ ID NOS:1, 2, 4, 6, 8, 10, 12, 13, 15, 17, 19, 21, 23, 25, 26, and 28, as well as variants and fragments thereof.

(54) Title of the invention : "ATTACHMENT MEANS FOR DRILLING EQUIPMENT"

(51) International classification	:E21B 10/62	(71)Name of Applicant :
(31) Priority Document No	:2003900227	1)TRANSCO MANUFACTURING AUSTRALIA PTY LTD.
(32) Priority Date	:20/01/2003	Address of Applicant :3 HULL COURT, LONSDALE, S.A.5160,
(33) Name of priority country	:Australia	AUSTRALIA. Australia
(86) International Application No	:PCT/AU2004/000069	(72)Name of Inventor :
Filing Date	:20/01/2004	1)FYFE, GEORGE
(87) International Publication No	:WO 2004/065752	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8No of Claims : 14

(57) Abstract :
The invention is an attachment means for a ground drilling or cutting tool (10) that enables cutting elements (II) to be removably secured to the tool (10). The attachment means include a first surface (13) on the cutting element (II), a second surface (14) on the tool (10) upon which the first surface (II) locates, dowel holes (15) in each of the first and second surfaces, dowels (16) that locate in aligned dowel holes between said surfaces, engagement surfaces (17, 18) on the cutting element and tool that extends substantially parallel to the longitudinal axis of the tool and engage to resist side loads applied to the cutting elements (II) and fastening means (19) that secures the cutting elements (II) to the tool (10). The invention provides a means of easily removing the cutting elements (II) from the tool (10) for either replacement or maintenance work.

(54) Title of the invention : "METHOD FOR CONTROLLING SOLUTE LOADING OF POLYMER MICROPARTICLES"

(51) International classification	:B01F	(71)Name of Applicant :
(31) Priority Document No	:10/348,165	1)BIOARRAY SOLUTIONS, LTD.
(32) Priority Date	:21/01/2003	Address of Applicant :SUITE 100, 35 TECHNOLOGY DRIVE,
(33) Name of priority country	:U.S.A.	WARREN, NJ 07059, USA U.S.A.
(86) International Application No	:PCT/US2004/001433	(72)Name of Inventor :
Filing Date	:21/01/2004	1)BANERJEE, SUKANTA
(87) International Publication No	:WO 2004/064988	2)GEORGESCU, CECILIA
(61) Patent of Addition to Application Number	:NA	3)SEUL, MICHAEL
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 55

No of Claims : 39

(57) Abstract :

Solute-loaded polymer microparticles are obtained by immersing microparticles in a bath comprising a selected solute dissolved in a ternary solvent system. A first solvent of the ternary system is a strong solvent for both the solute and the polymer from which the microparticle was formed. A second solvent is a weak solvent or non-solvent for the solute and the polymer (tuning solvent). A third solvent is a weak solvent or non-solvent for the solute and polymer, but serves as a co-solvent with respect to the first and second solvents in that it is miscible with both the first and second solvents. The amount of solute incorporated into the microparticle is controlled by adjusting the ratio of solute with respect to the microparticle polymer, the learner solvent system, principally the amount of tuning solvent. The method is particularly useful for providing libraries of combinatorial encoded microparticle containing distinguishable dye loadings, particularly distinguishable fluorescent dye loadings.

(54) Title of the invention : "AROMATIC SULFONES AND THEIR MEDICAL USE"

(51) International classification	:C07D 209/44
(31) Priority Document No	:0212401.4
(32) Priority Date	:29/05/2002
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2003/005727
Filing Date	:28/05/2003
(87) International Publication No	:WO 2003/099786
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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No of Pages : 75

No of Claims : 15

(57) Abstract :

The invention provides compounds of formula (I): wherein A and B represent the groups $-(CH_2)_m-$ and $-(CH_2)_n-$ respectively; R¹ represents hydrogen or Cl-6alkyl; R² represents hydrogen, halogen, hydroxy, cyano, nitro, hydroxy-C₁-6alkyl, trifluoromethyl, trifluoromethoxy, Cl-6alkyl, Cl-6alkoxy, Cl-6fluoroalkoxy, $-(CH_2)_pC_3-6cycloalkyl$, $-(CH_2)_pOC_3-6cycloalkyl$, $-COC_1-6alkyl$, $-SO_2C_1-6alkyl$, $-SOC_1-6alkyl$, $-S-C_1-6alkyl$, $-CO_2C_1-6alkyl$, $-CO_2NR_5R_6$, $-SO_2NR_5R_6$, $-(CH_2)_pNR_5R_6$, $-(CH_2)_pNR_5COR_6$, optionally substituted aryl ring, optionally substituted heteroaryl ring or optionally substituted heterocyclyl ring; R³ represents optionally substituted aryl ring or optionally substituted heteroaryl ring; R⁴ represents hydrogen, hydroxy, Cl-6alkyl, Cl-6alkoxy, trifluoromethyl, trifluoromethoxy, halogen, $-OSO_2CF_3$, $-(CH_2)_pC_3-6cycloalkyl$, $-(CH_2)_qOC_1-6alkyl$ or $-(CH_2)_pOC_3-6cycloalkyl$; R⁵ and R⁶ each independently represent hydrogen, Cl-6alkyl or, together with the nitrogen or other atoms to which they are attached, form an azacycloalkyl ring or an oxo-substituted azacycloalkyl ring; Z represents $-(CH_2)_rX-$ wherein the $-(CH_2)_r-$ group is attached to R³, or $-X(CH_2)_r-$ wherein X is attached to R³, and wherein any of the $-(CH_2)-$ groups may be optionally substituted by one or more Cl-6alkyl groups; X represents oxygen, $-NR_7$ or $-CH_2-$ wherein the $-CH_2-$ group may be optionally substituted by one or more Cl-6alkyl groups; R⁷ represents hydrogen or Cl-6alkyl; m and n independently represent an integer selected from 1 and 2; p independently represents an integer selected from 0, 1, 2 and 3; q independently represents an integer selected from 1, 2 and 3; r independently represents an integer selected from 0, 1, and 2; or a pharmaceutically acceptable salt or solvate thereof. The compounds are useful in therapy, in particular as antipsychotic agents.

(54) Title of the invention : REMOTE CONTROL DEVICE FOR THE QUICK-COUPLING AND QUICK-RELEASE OF A PIPE FITTING TO A FLANGED PIPE

(51) International classification	:F16L 23/02
(31) Priority Document No	:M12003A000363
(32) Priority Date	:28/02/2003
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2003/014996
Filing Date	:29/12/2003
(87) International Publication No	:WO2004/076906
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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 (72)**Name of Inventor :**
1)BORMIOLI, LORENZO

No of Pages : 7

No of Claims : 3

(57) Abstract :

A device for the quick coupling of a pipe fitting (50) to a flanged pipe is described. The device comprises a coupling plate (13) that is rigidly fastened to one end of the fitting so as to be axially approachable to the front of a terminal flange (12) of the flanged pipe, at least three locking wheels (15) rotatable around their own axes and projecting frontally from said plate (13) in circumferentially spaced positions and remotely controllable means (19) for controlling the rotation of said rollers (15) around their own axes. Each locking wheel (15) has round shape with a cut (24) along a circle chord in order to allow in one angular position with the chord facing the axis, and to prevent in all the other angular positions, the passage of the flange (12) of the flanged pipe among said wheels (15) for the reciprocal approach and the movement away of the plate (13) and the flange (12). Each locking wheel (15) has in addition, toward said plate (13) a helical neck (25) that is capable to cause, as a result of the rotation of the wheel (15) from said one angular position to said other angular positions, the front abutment engagement and the locking of said flange (12) against said plate (13). (Figure 1)

(54) Title of the invention : "MICRODERMABRASION DEVICES, COMPOSITIONS, AND MEHTODS"

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:10/349,156	1)DERMANEW, INC.
(32) Priority Date	:21/01/2003	Address of Applicant :9107 WILSHIRE BOULEVARD, BEVERLY
(33) Name of priority country	:U.S.A.	HILLS, CALIFORNIA 90210, USA. U.S.A.
(86) International Application No	:PCT/US04/001611	(72)Name of Inventor :
Filing Date	:20/01/2004	1)DEAN RHOADES
(87) International Publication No	:WO 2004/064610	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15No of Claims : 27

(57) Abstract :
A composition including a base and a plurality of abrasive particles. An apparatus including a head, and an applicator coupled to the head, the applicator having dimensions suitable for contacting localized areas of human skin. A method including applying a composition to an area of human skin, the composition comprising a base and a plurality of abrasive particles, and manipulating the composition over the area of human skin with a handle-operated instrument.

(54) Title of the invention : "CIRCUIT BOARD AND SOCKET ASSEMBLY"

(51) International classification	:H05K	(71)Name of Applicant :
(31) Priority Document No	:10/364,556	1)AMPHENOL CORPORATION
(32) Priority Date	:12/02/2003	Address of Applicant :358 HALL AVENUE, WALLINGFORD, CT
(33) Name of priority country	:U.S.A.	06492, USA U.S.A.
(86) International Application No	:PCT/US2004/004185	(72)Name of Inventor :
Filing Date	:12/02/2004	1)LEONARD A. KRANTZ, JR.
(87) International Publication No	:WO 2004/073366	2)JOSEPH D. MAGNAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 27

(57) Abstract :

An interconnect device and electrical signal filtering connector is disclosed that does not require soldering. The interconnect device is an electrical contact that has a proximate or forward end with a cavity for receiving an electrical conductor of a first plug, and a distal or rear end, also called a tail, formed with a circumferentially-arranged undercut that engages the ends of one or more electrically conducting flanges that extend radially inward in a contact receptacle of a printed circuit board. The connector can be a male plug or female receptacle, including a receptacle with front and rear shells and an insert slidably engaged inside the shells, the receptacle adaptable for receiving a round, 14-contluctor plug. The printed circuit board assembly includes a printed circuit board with one or more contact receptacles.

(54) Title of the invention : CASH DISPENSING AUTOMATED BANKING MACHINE DEPOSIT ACCEPTING SYSTEM AND METHOD

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date :B41J 2/165 :60/453,397 :10/03/2003 :U.S.A. :PCT/US2004/007212 :09/03/2004 :WO 2004/081885 :NA :NA :NA :NA		(71)Name of Applicant : 1)DIEBOLD INCORPORATED Address of Applicant :5995 MAYFAIR ROAD, NORTH CANTON, OH 44720, USA U.S.A. (72)Name of Inventor : 1)JEFFREY M. ENRIGHT 2)FRANKLIN M. THERIAULT 3)R. MATTHEW DUNLAP 4)WILLIAM D. BESKITT 5)SEAN HANEY 6)COLIN FITZPATRICK 7)MIKE RYAN 8)BILL LAVELLE 9)DAVID SHULTZ 10)MATTHEW FORCE 11)JEFFREY EASTMAN

No of Pages : 131

No of Claims : 239

(57) Abstract :

An automated banking machine includes a mechanism for accepting deposited items. Deposited items may be provided to the machine in envelopes which are first passed to a user from an envelope storage area (132) in the machine through a transport (124) and which are presented to the user through an opening (244). An envelope storage and dispensing device (134) is operative to assure that only a single envelope is delivered to the user. A user may thereafter include deposit items in the dispensed envelope. The deposited items are passed through the opening (244) and are deposited in a deposit-holding container (128). The deposited items may be marked with indicia corresponding to the transaction or properties of the deposited item where the envelope originally dispensed to the user for holding the deposited item.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3700/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :24/11/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : NEBULIZER FORMULATIONS OF DEHYDROEPIANDROSTERONE AND MEHTODS OF TREATING ASTHMA OR CHRONIC OBSTRUCTIVE PULMONARY DISEASE USING COMPOSTIONS THEREOF

(51) International classification :A61K 31/704
(31) Priority Document No :60/389,242
(32) Priority Date :17/06/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/018944
Filing Date :17/06/2003
(87) International Publication No :WO 2004/012653
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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2)JOHNSON, KEITH, A.

No of Pages : 76

No of Claims : 23

(57) Abstract :

This invention relates to a sealed container containing a powder formulation comprising a dehydroepiandrosterone, its analogue(s) or salt(s) by itself or with a pharmaceutically or veterinarily acceptable carrier or diluent, and having a particle size of about 0.1 μm to about 100 μm . The formulation can be used to treat or prevent asthma, chronic obstructive pulmonary disease, lung inflammation, and other respiratory diseases or conditions. The formulation may be prepared by jet milling, and may be delivered through the respiratory tract or other routes using a nebulizer. The sealed container is provided in a device and/or a therapeutic kit.

(54) Title of the invention : "PYRAZOLO[1,5-A]PYRIMIDINE DERIVATIVES"

(51) International classification :C07D 487/04
 (31) Priority Document No :60/500,695
 (32) Priority Date :08/09/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/JP2004/002522
 Filing Date :01/03/2004
 (87) International Publication No :WO 2004/076458
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

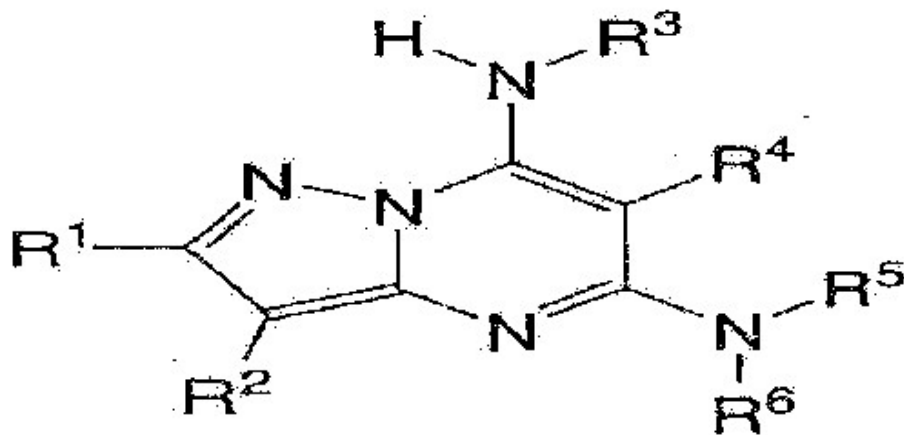
1)KATAOKA, KENICHIRO**2)SUZUKI, NAOTAKA****3)KOSUGI, TOMOMI****4)IMAI, MINORU****5)MAKINO, HIROAKI****6)TAKAKUWA, MIKA****7)UNOKI, GEN****8)FUJINO, AIKO****9)OUE, YASUHIRO****10)YAMAKOSHI, YUKO****11)SUGIURA, SATOSHI****12)MITCHELL, DALE ROBERT****13)SIMPSON, DONALD, JAMES****14)HARRIS, CLIFFORD JOHN****15)LE, JOELLE**

No of Pages : 366

No of Claims : 104

(57) Abstract :

The Pyrazolo [1, 5-a]pyrimidine derivatives represented by formula I and their pharmaceutically acceptable salts exhibit excellent kinase inhibiting activity. Drugs comprising the compounds as effective ingredients are therefore expected to be useful as therapeutic or prophylactic agents for a protein kinase mediated disorder in which kinase is implicated, such as inflammatory disease, autoimmune disease, destructive bone disorder, cancer and/or tumour growth.



(54) Title of the invention : "KNOCK-DOWN DRUMS"

(51) International classification	:B21D 51/20
(31) Priority Document No	:2003/0745
(32) Priority Date	:28/01/2003
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2003/005534
Filing Date	:01/12/2003
(87) International Publication No	:WO 2004/067204
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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No of Pages : 15

No of Claims : 29

(57) Abstract :

One aspect of the invention concerns a method of manufacturing the body of a drum kit. The method includes the steps of rolling a flat, unpainted metal sheet (10) to a cylindrical form (12) and welding free edges (14) of the form to produce a cylindrical body (18). This body is temporarily stiffened and paint is applied to the exterior of the temporarily stiffened body. Thereafter the body is destiffened before it is deformed to a suitable shape for nesting with other such bodies. Other aspects of the invention concern the apparatus used in the method and the drum kit itself, including the body and top and bottom ends which can be attached to the respective ends of the body. Yet another aspect of the invention concerns a drum kit body which is of tubular form, which is suitable for nesting with other similar bodies and which has a weld line running from one end of the body to the other. The exterior of the body, including the weld line, is covered by a continuous paint lining applied to the body by a roller spraying operation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3727/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : USE OF A LYOPHILISATE OF DEDIFFERENTIATED PLANT CELLS FOR SKIN DEPIGMENTATION AND/OR LIGHTENING

(51) International classification :A61K 8/97
(31) Priority Document No :0315521
(32) Priority Date :29/12/2003
(33) Name of priority country :France
(86) International Application No :PCT/FR04/003109
Filing Date :03/12/2004
(87) International Publication No :WO 2005/072697
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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GUEZENNEC, 22260 PONTRIEUX, FRANCE. France
(72)**Name of Inventor :**
1) NICOLE MEKIDECHE

No of Pages : 30

No of Claims : 16

(57) Abstract :

The invention relates to the use of at least one lyophilisate of dedifferentiated plant cells in a cosmetic or pharmaceutical composition for skin depigmentation and/or lightening purposes along with a protective regenerative effect. In addition, the invention relates to a topically-applied cosmetic or pharmaceutical composition comprising one such lyophilisate.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3728/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "ELEMENT SULFUR AS AN ORAL OR PARENTAL MEDICAL PRODUCT"

(51) International classification	:A61K 33/04
(31) Priority Document No	:2003121103
(32) Priority Date	:23/12/2003
(33) Name of priority country	:Egypt
(86) International Application No	:PCT/EG2004/000004
Filing Date	:16/02/2004
(87) International Publication No	:WO 2005/060979
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MAGD AHMED KOTB, ABDALLA
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(72)**Name of Inventor :**
1)MAGD AHMED KOTB, ABDALLA

No of Pages : 26

No of Claims : 8

(57) Abstract :

Title element and its acid addition salts and derivatives are physiologically acceptable, essential and are readily converted to acceptable counter parts by established procedures, they are pharmacologically active on the liver, lungs, hematopoietic system and all body systems and are thus useful when administered to warm blooded animals to induce detoxification of many endogenous and exogenous metabolites. They are useful in terminating diseases associated with Glutathione S Transferase and Epoxide Hydrolase disorders. These compounds are prepared as elemental or as salts or as acid addition salts and derivatives compounds. They are simply elemental or compounded into different dosage - multi form medicament compositions.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3729/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "METHOD FOR PRODUCING A CORRELATION BETWEEN A FIRST STATE AND A SECOND STATE OF A PIEZOELECTRIC COMPONENT, AND THE USE OF SAID CORRELATION "

(51) International classification :H01L 41/00
(31) Priority Document No :102004001696.8
(32) Priority Date :12/01/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/050111
Filing Date :12/01/2005
(87) International Publication No :WO 2005/067069
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MUNCHEN,
GERMANY. Germany
(72)**Name of Inventor :**
1)KARL LUBITZ
2)CARSTEN SCHUH
3)ANDREAS WOLFF

No of Pages : 19

No of Claims : 17

(57) Abstract :

The invention relates to a method for producing a correlation between a first state of a piezoelectric component (1, 20) comprising a piezoceramic element, and a second state of said component. The second state of the component is created from the first state of the component by polarisation of the piezoceramic element of the component. The inventive method comprises the following steps: a) a first group of components respectively in the first state is prepared (101), b) at least one defined characteristic of each component of the first group is determined (102), c) the piezoceramic element of the components of the first group is polarised, and a corresponding component of a second group in the second state is thus created from each component of the second group is determined (104), and e) the correlation is produced by comparing the defined characteristic of each component of the first group with the defined characteristic of the corresponding component of the second group (105). Said component is, for example, an actuator body (20) having a monolithic multilayer structure. The correlation produced is used for the quality assurance of the actuator body.

(54) Title of the invention : "COMPRESSION-INDUCED CRYSTALLIZATION OF CRYSTALLIZABLE POLYMERS"

(51) International classification	:B29C 43/00	(71)Name of Applicant :
(31) Priority Document No	:60/540,218	1)EASTMAN CHEMICAL COMPANY
(32) Priority Date	:29/01/2004	Address of Applicant :100 NORTH EASTMAN ROAD, KINGSPORT,
(33) Name of priority country	:U.S.A.	TENNESSEE 37600, USA U.S.A.
(86) International Application No	:PCT/US2005/002523	(72)Name of Inventor :
Filing Date	:27/01/2005	1)STEPHEN WEINHOLD
(87) International Publication No	:WO 2005/072928 A1	2)MICHAEL EUGENE DONELSON
(61) Patent of Addition to Application Number	:NA	3)MARCUS DAVID SHELBY
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 47

No of Claims : 30

(57) Abstract :

A crystallization process comprising passing a mass of amorphous crystallizable polymer having a first thickness (ft) through the nip gap of counter-rotating rolls having a nip gap (ng)at an ft:ng ratio of at least 1.2 to crystallize the polymer to a degree of crystallinity of at least 15% and thereby produce a semi-crystalline polymer, and particulating the semi-crystalline polymer. Strain crystallizing a sheet or fiber by using a drafting step to elongate the sheet or fiber is no longer needed. A high degree of crystallinity is imparted almost instantaneously, even in slow to crystallize copolyesters. The process allows one to extrude a thinner crystallizable sheet, substantially retains the dimensional width of the sheet as it is passed through the compression rolls, and produces substantially optically clear sheet and pellets. Suitable polymers include polyethylene terephthalate or naphthalate homopolymers or copolymers.

(54) Title of the invention : "THIZOLE DERIVATIVES AND USE THEREOF"

(51) International classification	:C07D 277/46	(71) Name of Applicant :
(31) Priority Document No	:04100083.7	1)APPLIED RESEARCH SYSTEM ARS HOLDING N.V.
(32) Priority Date	:12/01/2004	Address of Applicant :PIETERMAAI 15, CURACAO-NETHERLANDS
(33) Name of priority country	:EPO	ANTILLES Netherlands
(86) International Application No	:PCT/EP2005/050102	(72) Name of Inventor :
Filing Date	:11/01/2005	1)ANNA QUATTROPANI
(87) International Publication No	:WO 2005/068444	2)THOMAS RUECKLE
(61) Patent of Addition to Application Number	:NA	3)MATTHIAS SCHWARZ
Filing Date	:NA	4)JEROME DORBAIS
(62) Divisional to to Application Number	:NA	5)WOLFGANG SAUER
Filing Date	:NA	6)CHRISTOPHE CLEVA
		7)GWENAELE DESFORGES

No of Pages : 212

No of Claims : 26

(57) Abstract :
The present invention is related to thiazole derivatives of Formula (I) in particular for the treatment and/or prophylaxis of autoimmune disorders and/or inflammatory diseases, cardiovascular diseases, neurodegenerative diseases, bacterial or viral infections, kidney diseases, platelet aggregation, cancer, transplantation, graft rejection or lung injuries.

(54) Title of the invention : "1,3-DIPHENYLPROP-2-EN-1-ONE DERIVATIVE COMPOUNDS, PREPARATION METHOD THEREOF AND USES OF SAME"

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date :C07C 323/12 :04 00123 :08/01/2004 :France :PCT/FR2005/000040 :07/01/2005 :WO 2005/073184 :NA :NA :NA :NA	(71)Name of Applicant : 1)GENFIT Address of Applicant :PARC EUROSANTE, LILLE METROPOLE, 885, AVENUE EUGENE AVINEE, F-59120 LOOS, FRANCE. France (72)Name of Inventor : 1)KARINE CAUMONT-BERTRAND 2)JEAN-FRANCOIS DELHOMEL

No of Pages : 141

No of Claims : 18

(57) Abstract :
The invention relates to substituted 1,3-diphenylprop-2-en-1-one derivative compounds, pharmaceutical and/or cosmetic compositions containing same, and the applications thereof in therapeutics and cosmetics. The invention also relates to a method of preparing said derivatives.

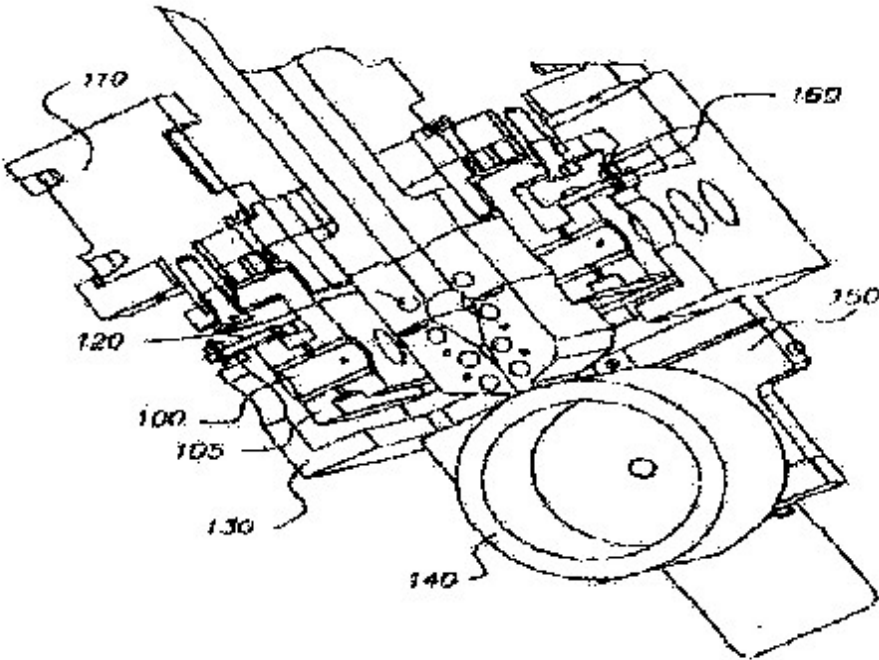
(54) Title of the invention : "APPARATUS AND METHOD FOR PRODUCING A PATTERNED WEB AND AN EXTERNAL LAND EXTRUSION DIE"

(51) International classification	:B29C 47/32	(71)Name of Applicant :	
(31) Priority Document No	:10/786,858	1)EASTMAN KODAK COMPANY	
(32) Priority Date	:25/02/2004	Address of Applicant :343 STATE STREET, ROCHESTER, NEW	
(33) Name of priority country	:U.S.A.	YORK 14650-2201, USA. U.S.A.	
(86) International Application No	:PCT/US2005/004169	(72)Name of Inventor :	
Filing Date	:09/02/2005	1)RICHARD BOMBA	
(87) International Publication No	:WO 2005/082599	2)JOHN ERIC BENSON	
(61) Patent of Addition to Application Number	:NA	3)JOSE L. GARCIA	
Filing Date	:NA	4)THADDEUS STEPHEN GULA	
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

No of Pages : 13

No of Claims : 10

(57) Abstract :
An apparatus produces a patterned material, which comprises an external land extrusion die (120) for extruding a material. A patterned roller (140) is in close proximity to the external land die. An external land die for extruding a material and a method (or producing a patterned web are also disclosed.



(54) Title of the invention : "PREPARATION PROCESS"

(51) International classification	:C07D 409/14	(71)Name of Applicant :
(31) Priority Document No	:10 2004 002044.2	1)BAYER HEALTHCARE AG.
(32) Priority Date	:15/01/2004	Address of Applicant :51368 LEVERKUSEN, GERMANY. Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/014870	1)MATHIAS BERWE
Filing Date	:31/12/2004	2)CHRISTIAN THOMAS
(87) International Publication No	:WO 2005/068456	3)JOACHIM REHSE
(61) Patent of Addition to Application Number	:NA	4)DIRK GROTJOHANN
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13No of Claims : 15

(57) Abstract :
The present invention relates to a process for preparing 5-chloro-7[^]-({(5S)-2-oxo-3-[4-(3-oxo-4-morpholinyl)phenyl]-l,3-oxazolidin-5-yl}methyl)-2-thiophenecarboxamide starting from 2-[(25)-2-oxiranylmethyl]-l/-isoindole-1,3(2/T)-dione, 4-(4-aminophenyl)-3-morpholinone and 5-chlorothiophene-2-carbonylchloride.

(54) Title of the invention : "DIARYLMETHYLIDENE PIPERIDINE DERIVATIVES, PREPARATIONS THEREOF AND USES THEREOF"

(51) International classification :C07D 211/70

(31) Priority Document No :0400025-3

(32) Priority Date :09/01/2004

(33) Name of priority country :Sweden

(86) International Application No :PCT/SE2005/000013

Filing Date :05/01/2005

(87) International Publication No :WO2005/066128

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ASTRAZENECA AB

Address of Applicant :S-151 85 SODERTALJE, SWEDEN. Sweden

(72)Name of Inventor :

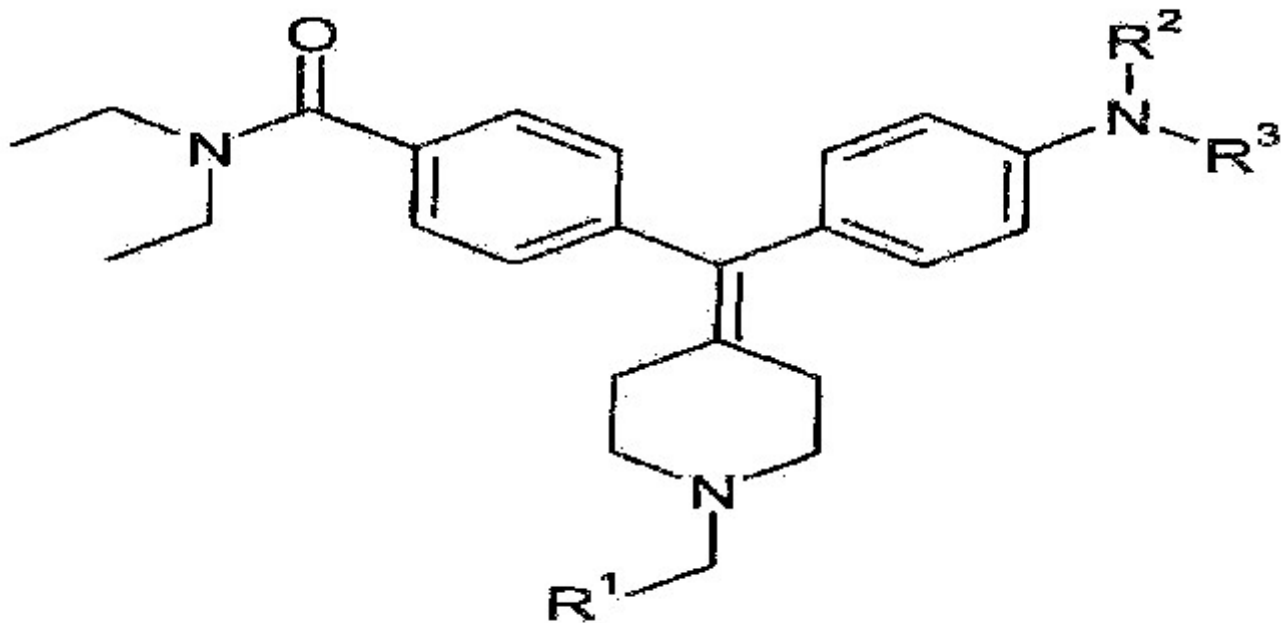
1)WILLIAM BROWN**2)ANDREW GRIFFIN****3)CHRISTOPHER WALPOLE**

No of Pages : 52

No of Claims : 14

(57) Abstract :

Compounds of Formula: wherein R₁, R₂, and R₃ are as defined in the specification, as well as salts, enantiomers thereof and pharmaceutical compositions including the compounds are prepared. They are useful in therapy, in particular in the management of pain.



(54) Title of the invention : METHOD OF CONTROLLING AERODYNAMIC LOAD OF A WIND TURBINE BASED ON LOCAL BLADE FLOW MEASUREMENT

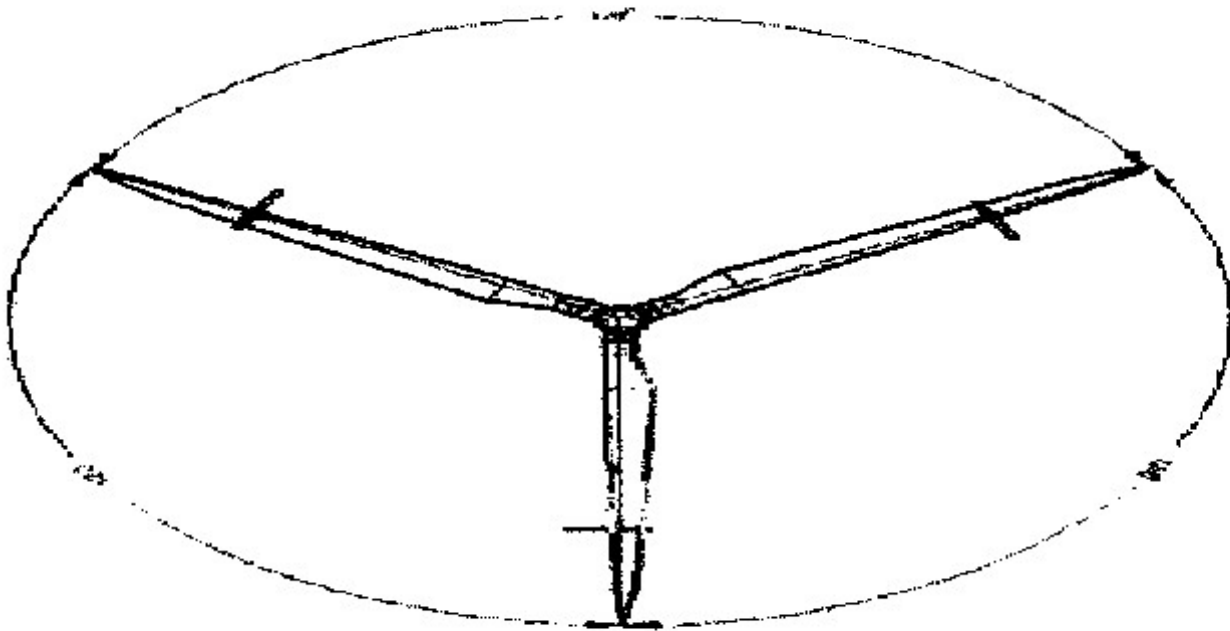
(51) International classification	:F03D 7/04	(71)Name of Applicant :
(31) Priority Document No	:PA 2003 00249	1)FORSKNINGSCENTER RISÅ~
(32) Priority Date	:18/02/2003	Address of Applicant :POSTBOKS 49, DK-4000
(33) Name of priority country	:Denmark	ROSKILDE,DENMARK. Denmark
(86) International Application No	:PCT/DK2004/000109	(72)Name of Inventor :
Filing Date	:18/02/2004	1)LARSEN, TORBEN JUUL
(87) International Publication No	:WO 2004/074681	2)MADSEN, HELGE AAGAARD
(61) Patent of Addition to Application Number	:NA	3)THOMSEN, KENNETH
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 16

(57) Abstract :

The present invention relates to a method of controlling the aerodynamic load of a wind turbine's blades individually in such a way that the dynamic aerodynamic loads on the turbine are reduced and power production is optimised. In general the present invention will improve the overall stability of the turbine leading to reduce fatigue loads, reduced extreme loads during operation and reduced risk of blade-tower interaction. In particular preferred embodiment of the invention, flow properties are measured locally on the different blades or in front of the blades and from these measurements the pitch angle settings are changed, in other ways changing the aerodynamic properties, for the blades through a control unit.



(54) Title of the invention : ANTIMICROBIAL PRESERVATIVES TO ACHIEVE MULTI-DOSE FORMULATION USING BETA-CYCLODEXTRINS FOR LIQUID DOSAGE FORMS

(51) International classification :A61K 47/10
 (31) Priority Document No :60/540897
 (32) Priority Date :30/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/IB2005/000100
 Filing Date :17/01/2005
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

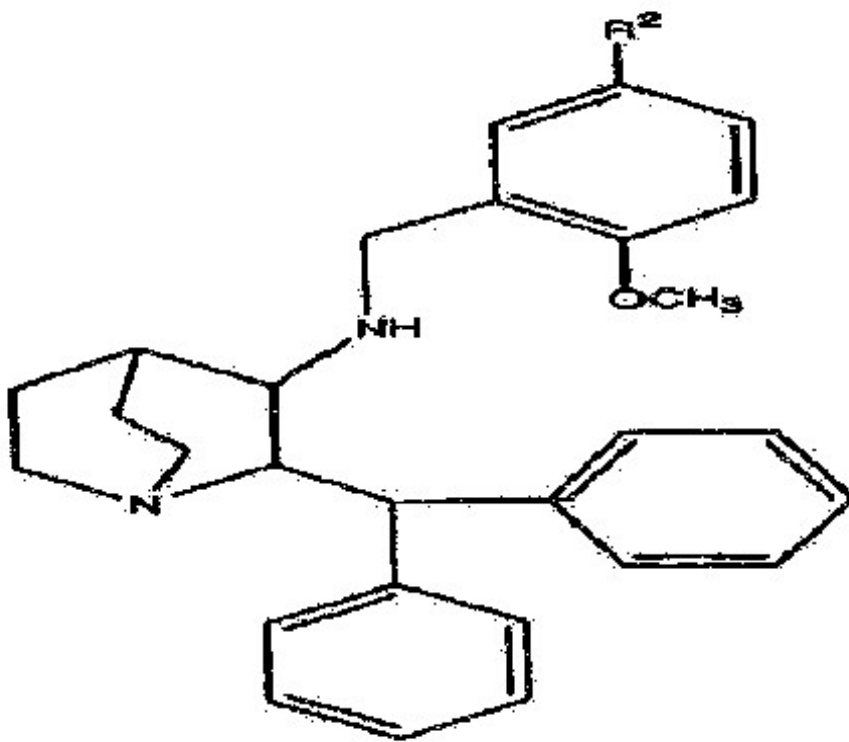
(71)Name of Applicant :
1)PFIZER PRODUCTS INC.
 Address of Applicant :EASTERN POINT ROAD, GROTON,
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 (72)Name of Inventor :
1)ROGER CHRISTOPHER ADAMI
2)JULIA ANN WOOD
3)FREDERICK DAVID

No of Pages : 51

No of Claims : 10

(57) Abstract :

The present invention is directed to pharmaceutical compositions containing a therapeutically effective amount of an Active Pharmaceutical Ingredient ("API"), a pharmaceutically acceptable cyclodextrin and a pharmaceutically acceptable preservative. The invention is also directed to pharmaceutical compositions of the compounds of Formula (I) wherein R² is selected from the group consisting of methyl, ethyl, isopropyl, sec-butyl and tert-butyl and a pharmaceutically acceptable cyclodextrin and preservative. Formula (I): In particular, the invention is directed to pharmaceutical compositions of the compound of Formula Ia, and a pharmaceutically acceptable cyclodextrin and a preservative.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3737/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :23/08/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : GROWTH FACTOR COMPLEXES AND MODULATION OF CELL MIGRATION AND GROWTH

(51) International classification	:C07K 14/61
(31) Priority Document No	:2003900481
(32) Priority Date	:05/02/2003
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2004/000117
Filing Date	:05/02/2004
(87) International Publication No	:WO 2004/069871
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)UPTON, ZEE
2)TOWNE, CHRISTOPHER LUKE

No of Pages : 47

No of Claims : 60

(57) Abstract :

Isolated protein complexes are provided comprising growth factors such as IGF-I, IGF-II, VEGF or PDGF, or at least domains thereof that enable binding to and activation of both a growth factor receptor, and an integrin receptor-binding domain of vitronectin or fibronectin. These protein complexes may be in the form of oligo-protein complexes or single, synthetic proteins where the growth factor and vitronectin or fibronectin sequences are joined by a linker sequence. In particular forms, vitronectin or fibronectin sequences do not include a heparin binding domain and/or polyanionic domain. Also provided are uses of these protein complexes for stimulating or inducing cell migration and/or proliferation which may have use in wound healing, tissue engineering, cosmetic and therapeutic treatments such as skin replacement and skin replenishment and treatment of burns where epithelial cell migration is required. In other embodiments, the invention provides inhibition of cancer cell metastasis, particularly in relation to breast cancer.

(54) Title of the invention : "CRYSTALLINE FORMS OF RIZATRIPTAN BENZOATE"

(51) International classification	:C07D 403/00	(71)Name of Applicant :
(31) Priority Document No	:60/535,674	1)RATIOPHARM GMBH
(32) Priority Date	:09/01/2004	Address of Applicant :GRAF-ARCO-STR. 3, 89079 ULM, GERMANY.
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/EP2005/000034	(72)Name of Inventor :
Filing Date	:05/01/2005	1)PAUL ADRIAAN VAN DER SCHAAF
(87) International Publication No	:WO 2005/068453	2)JORG BERGHAUSEN
(61) Patent of Addition to Application Number	:NA	3)FRITZ BLATTER
Filing Date	:NA	4)MARTIN SZELAGIEWICZ
(62) Divisional to to Application Number	:NA	5)ULRICH BERENS
Filing Date	:NA	

No of Pages : 23

No of Claims : 44

(57) Abstract :

The present invention is directed to the novel polymorphic Form A and Form B of Rizatriptan benzoate, processes for the preparation thereof and pharmaceutical compositions comprising these crystalline forms.

(54) Title of the invention : "COOLING DEVICE OF HYBRID-TYPE"

(51) International classification	:F25D 9/00	(71)Name of Applicant :
(31) Priority Document No	:10-2003-0004932	1)ICURIE LAB HOLDINGS LIMITED
(32) Priority Date	:24/01/2003	Address of Applicant :12 PLUMTREE COURT, LONDON EC4A-4HT,
(33) Name of priority country	:Republic of Korea	U.K. U.K.
(86) International Application No	:PCT/KR2003/002282	(72)Name of Inventor :
Filing Date	:28/10/2003	1)CHOL, JAE JOON
(87) International Publication No	:WO 2004/065866	2)PARK, JIHWANG
(61) Patent of Addition to Application Number	:NA	3)LEE JEONG HYUN
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 41No of Claims : 29

(57) Abstract :
A present invention provides a hybrid-type cooling device which can perform cooling by phase transition, ventilation and convection.

(54) Title of the invention : "DIARYLMETHYL PIPERAZINE DERIVATIVES, PREPARATIONS THEREOF AND USES THEREOF"

(51) International classification	:C07D 295/155	(71) Name of Applicant :
(31) Priority Document No	:0400027-9	1)ASTRAZENECA AB
(32) Priority Date	:09/01/2004	Address of Applicant :S-151 85 SODERTALJE, SWEDEN. Sweden
(33) Name of priority country	:Sweden	(72) Name of Inventor :
(86) International Application No	:PCT/SE05/000014	1)WILLIAM BROWN
Filing Date	:05/01/2005	2)ANDREW GRIFFIN
(87) International Publication No	:WO2005/066148	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 65

No of Claims : 14

(57) Abstract :
Compounds of formula: wherein R1, R2 and R3 are as defined in the specification, as well as salts, enantiomers thereof and pharmaceutical compositions including the compounds are prepared. They are useful in therapy, in particular in the management of pain.

(54) Title of the invention : "3D VISUALIZED DATA SET FOR ALL TYPES OF RESERVOIR DATA"

(51) International classification	:G06T 15/00
(31) Priority Document No	:60/536,028
(32) Priority Date	:13/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001099
Filing Date	:13/01/2005
(87) International Publication No	:WO2005/071618
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BAKER HUGHES INCORPORATEDAddress of Applicant :3900, ESSEX LANE, SUITE 1200, P.O. BOX
4740, HOUSTON, TEXAS 77210-4740, UNITED STATES OF AMERICA.
U.S.A.

(72)Name of Inventor :

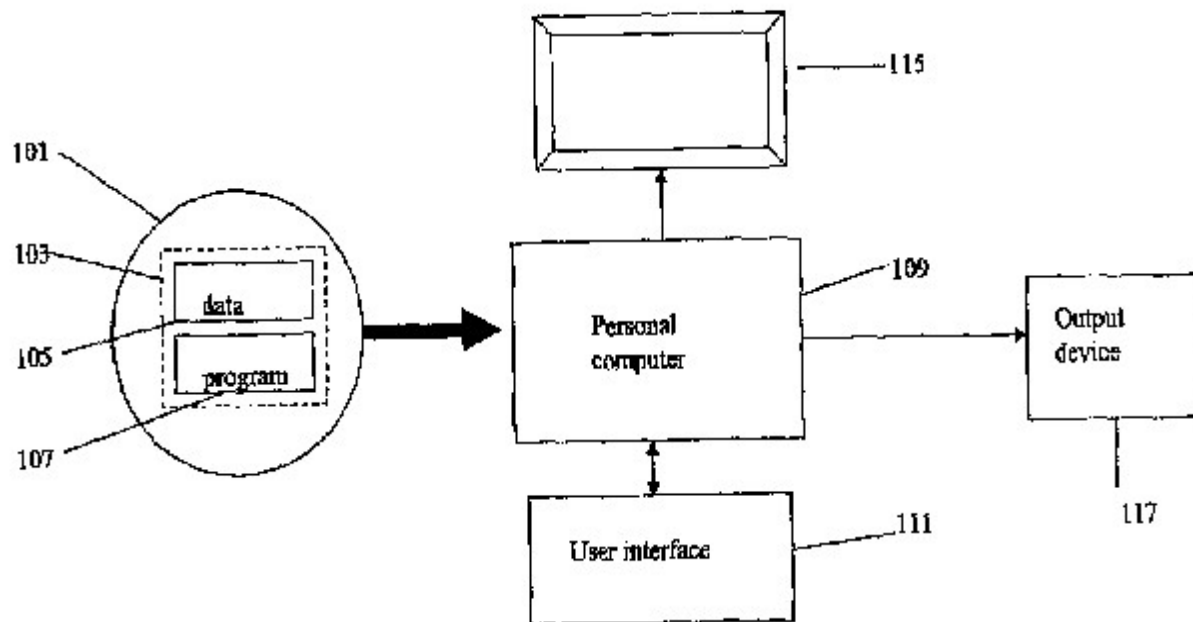
1)JAMES C. JACKSON

No of Pages : 24

No of Claims : 14

(57) Abstract :

A visualization program is embedded with data that is to be visualized. The program is restricted to accessing only the data with that is embedded within. The combination of the program and the data may be delivered to an end-user either on a machine readable medium or by a communication link such as the Internet.



(54) Title of the invention : "DIARYLMETHYLIDENE PIPERIDINE DERIVATIVES, PREPARATIONS THEREOF AND USES THEREOF"

(51) International classification :C07D 211/70
 (31) Priority Document No :0400026-1
 (32) Priority Date :09/01/2004
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2005/000012
 Filing Date :05/01/2005
 (87) International Publication No :WO 2005/066127
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

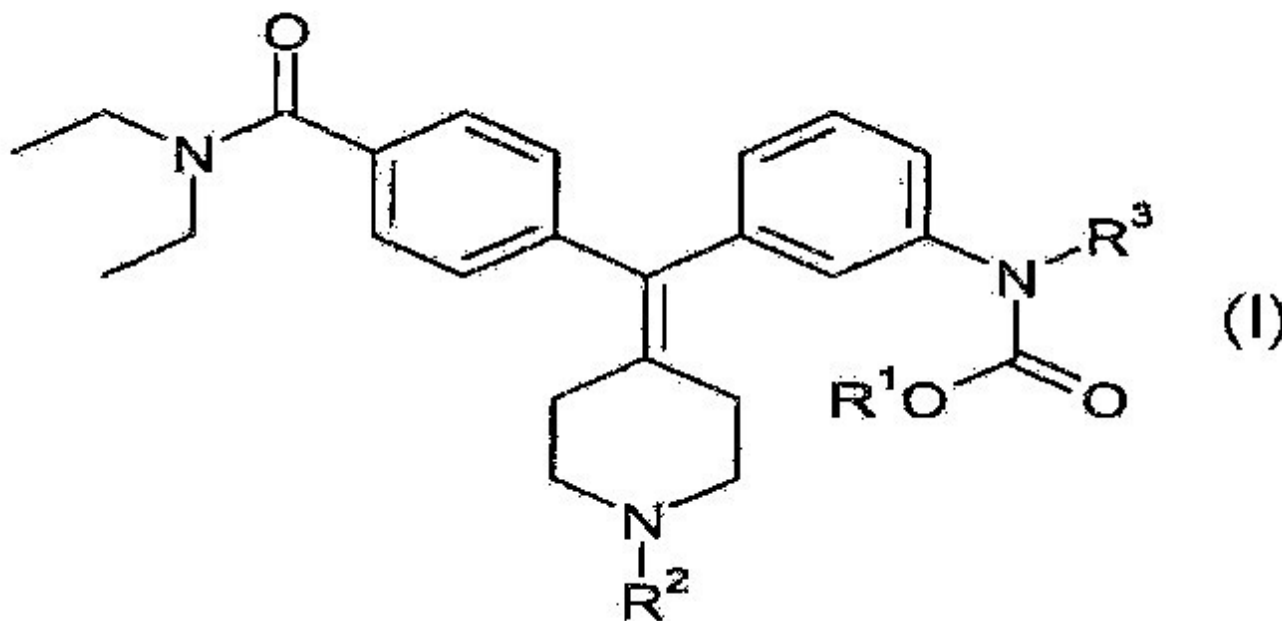
(71)Name of Applicant :
1)ASTRAZENECA AB.
 Address of Applicant :S-151 85 SODERTALJE, SWEDEN. Sweden
 (72)Name of Inventor :
1)WILLIAM BROWN
2)ANDREW GRIFFIN

No of Pages : 63

No of Claims : 18

(57) Abstract :

Compounds of formula: wherein R1, R2, and R3 are as defined in the specification, as well as salts, enantiomers thereof and pharmaceutical compositions including the compounds are prepared. They are useful in therapy, in particular in the management of pain.



(54) Title of the invention : "LUBRICANT COMPOSITIONS CONTAINING AN OVERBASED AMORPHOUS ALKALINE EARTH METAL SALT AS A METAL PROTECTANT"

(51) International classification	:C10M 159/20	(71)Name of Applicant :
(31) Priority Document No	:10/379,048	1)OMG AMERICAS,INC.,
(32) Priority Date	:04/03/2003	Address of Applicant :OHIO CORPORATION OF 811 SHARON
(33) Name of priority country	:U.S.A.	DRIVE,WESTLAKE,OHIO 44145,U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/000455	(72)Name of Inventor :
Filing Date	:09/01/2004	1)CHESTER E. RAMEY
(87) International Publication No	:WO 2004/078849	2)JAMES E. REDDY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 56No of Claims : 29

(57) Abstract :
Lubricant compositions are made containing, as a metal protectant additive, an overbased amorphous alkaline earth metal salt of fatty acid. The additive is added in either a liquid or powdered form to the base oil in the composition. The overbased additive in the lubricating composition serves as a metal protectant to provide detergency, friction-modifying and acid-neutralizing properties to the compositions.

(54) Title of the invention : A METHOD FOR THE DECONTAMINATION OF POLYETHYLENE TEREPHTHALATE

(51) International classification	:C08J 11/24	(71)Name of Applicant :
(31) Priority Document No	:60/450,537	1)PETRECYCLE PTY LTD.
(32) Priority Date	:27/02/2003	Address of Applicant :LEVEL 1, 230 BALACLAVA ROAD,
(33) Name of priority country	:U.S.A.	CAULFIELD, VICTORIA 3061, AUSTRALIA. Australia
(86) International Application No	:PCT/IB2004/004448	(72)Name of Inventor :
Filing Date	:27/02/2004	1)WEST, SIMON MICHAEL
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8No of Claims : 19

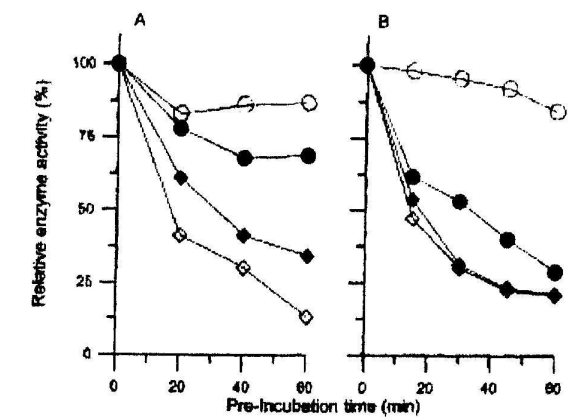
(57) Abstract :
A process for removing contaminants.from PET components by mixing ethanediol with the PET feedstock at a temperature about the boiling point of ethanediol and for a time sufficient to convert the polyethylene terephthate components to polyethylene terephthate polymers which are soluble in the ethanediol and form bis(hydroxyethyl) terephthalate and produce a product mixture thereof containing insoluble materials. The soluble polyethylene terephthate polymers, bis(hydroxyethyl) terephthalate and ethanediol are recovered form the product mixture.

(54) Title of the invention : COMBINATION THERAPY FOR TREATING PROTEIN DEFICIENCY DISORDERS

(51) International classification	:A61K	(71)Name of Applicant :	
(31) Priority Document No	:60/444,136	1)MOUNT SINAI SCHOOL OF MEDICINES OF NEW YORK	
(32) Priority Date	:31/01/2003	UNIVERSITY	
(33) Name of priority country	:U.S.A.	Address of Applicant :ONE GUSTAVE L. LEVY PLACE, NEW YORK,	
(86) International Application No	:PCT/US2004/002973	NEW YORK 10029, USA. U.S.A.	
Filing Date	:02/02/2004	(72)Name of Inventor :	
(87) International Publication No	:WO 2004/069190	1)FAN, JIAN-QIANG	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 48No of Claims : 67

(57) Abstract :
This application provides methods of improving protein replacement therapy by combining protein replacement therapy with active site-specific chaperones (ASSC) to increase the stability and efficiency of the protein being administered. The application further provides compositions comprising the purified protein and an ASSC, and methods of treatment by administering the compositions.



(54) Title of the invention : "ARTIFICIAL RECEPTORS INCLUDING GRADIENTS"

(51) International classification	:G01N 33/543	(71)Name of Applicant :
(31) Priority Document No	:60/527, 190	1)RECEPTORS LLC,
(32) Priority Date	:02/12/2003	Address of Applicant :1107 HAZELTINE BLVD., SUITE 510B/MD23,
(33) Name of priority country	:U.S.A.	CHASKA, MINNESOTA 55318-1043, UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2004/040578	U.S.A.
Filing Date	:02/12/2004	(72)Name of Inventor :
(87) International Publication No	:WO2005/053835	1)CARLSON, ROBERT, E.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 186

No of Claims : 40

(57) Abstract :

The present invention relates to gradients of artificial receptors or building blocks, methods of making the gradients, and methods employing the gradients. The gradient can include one or more building blocks. The gradient can include change in any of a variety of characteristics of the artificial receptor or building block including change in the concentration of an artificial receptor or building block; change in the identity of an artificial receptor or building block; change in the topography of an artificial receptor or building block; change in the mode of binding of an artificial receptor or building block to the support; change in the lawn or lawn modifier; change in charge, volume, lipophilicity, or hydrophilicity of the artificial receptor or building block; or change in a molecular descriptors for the artificial receptor or building block.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3783/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :30/11/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : "NOVEL SUBSTITUTED INDOLES"

(51) International classification	:C07D 209/30
(31) Priority Document No	:0201635-0
(32) Priority Date	:30/05/2002
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE03/00856
Filing Date	:27/05/2003
(87) International Publication No	:WO 03/101961
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)ASTRAZENECA AB
Address of Applicant :S-151 85 SODERTALJE, SWEDEN. Sweden
(72)Name of Inventor :
1)ROGER BONNERT
2)STEPHEN BROUGH
3)TONY COOK
4)MARK DICKINSON
5)RUKHSANA RASUL
6)HITESH SANGANEE
7)SIMON TEAGUE

No of Pages : 53

No of Claims : 9

(57) Abstract :

The present invention relates to substituted indoles useful as pharmaceutical compounds for treating respiratory disorders.

(54) Title of the invention : "LUBRICATION FREE CONNECTION"

(51) International classification	:B29C	(71)Name of Applicant :
(31) Priority Document No	:10/352,194	1)TRI-MACK PLASTICS MANUFACTURING CORP.
(32) Priority Date	:27/01/2003	Address of Applicant :66 TUPELO STREET, BRISTOL, RHODE
(33) Name of priority country	:U.S.A.	ISLAND 02809, USA. U.S.A.
(86) International Application No	:PCT/US2004/002066	(72)Name of Inventor :
Filing Date	:27/01/2004	1)CHRISTOPHER EUGENE HOSMER
(87) International Publication No	:WO 2004/067248	2)ANTHONY C. MEDEIROS
(61) Patent of Addition to Application Number	:NA	3)EDWARD J. MACK, II
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 7

No of Claims : 18

(57) Abstract :
A tenter clips has a jaw pivot shaft having a pair of molded bearing surfaces of superior strength, wear resistance and stability under high temperature operating conditions. The method for manufacture of the jaw pivot shaft includes knurling recesses formed in the shaft prior to applying plastic bearing material to the recesses by injection molding and finishing machining the pin by centerless grinding.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3806/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :26/08/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : "HANDLE FOR FIREARM"

(51) International classification	:F41C 23/12
(31) Priority Document No	:PCT/IL2003/000069
(32) Priority Date	:28/01/2003
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2003/000069
Filing Date	:28/01/2003
(87) International Publication No	:WO 2004/068057
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CORNER SHOT HOLDINGS, L.L.C.
Address of Applicant :201 ALHAMBRA CIRCLE, SUITE 801,CORAL
GABLES, FL 33134, USA. U.S.A.
(72)**Name of Inventor :**
1)AMOS GOLAN

No of Pages : 6

No of Claims : 19

(57) Abstract :

A firearm accessory comprising at least one handle that may be attached to a firearm, the firearm comprising a butt and a barrel which define a plane, wherein a longitudinal axis of the firearm lies in the plane, wherein in a gripping position of the at least one handle, the at least one handle angularly extends away from the plane.

(54) Title of the invention : COMBINED PACKAGING AND STORAGE APPARATUS HAVING ADDED FUNCTIONALITY.

(51) International classification	:B65D 85/00	(71)Name of Applicant :
(31) Priority Document No	:10/837,481	1)MOTOROLA , INC
(32) Priority Date	:30/04/2004	Address of Applicant :1303 EAST ALGONQUIN ROAD
(33) Name of priority country	:U.S.A.	SCHAUMBURG, ILLINOIS 60196 USA U.S.A.
(86) International Application No	:PCT/US05/014233	(72)Name of Inventor :
Filing Date	:26/04/2005	1)RYAN M. NILSEN
(87) International Publication No	:WO 2005/111838	2)JAMES L. TRACY
(61) Patent of Addition to Application Number	:NA	3)NITIN B. DESAI
Filing Date	:NA	4)JAMES A. ZOLLO
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22No of Claims : 10

(57) Abstract :
A multi-purpose product packaging (100, 200) for an electronic host product (250) having its own casing can include an apparatus casing (110, 210) for removably and substantially encasing the electronic host product, circuitry (240) within the apparatus casing for providing at least one function to the electronic host product, and an interface (255) on the apparatus casing for enabling the at least one function to operate in conjunction with the electronic product. The apparatus casing can be made of recyclable products and the interface can form a portion of the circuitry within the apparatus casing. In one embodiment, the electronic host device can be a phone and the circuitry can provide any number of functions including the function of charging a power source within the phone.

(54) Title of the invention : METHOD OF EXCHANGING ANIONS OF TETRAALKYLAMMONIUM SALTS.

(51) International classification	:A61K 31/14	(71)Name of Applicant :
(31) Priority Document No	:60/557,106	1)ALBEMARLE CORPORATION
(32) Priority Date	:26/03/2004	Address of Applicant :451 FLORIDA STREET,BATON ROUGE,
(33) Name of priority country	:U.S.A.	LOUISIANA 70801-1765 USA U.S.A.
(86) International Application No	:PCT/US2005/010168	(72)Name of Inventor :
Filing Date	:25/03/2005	1)JOE D.SAUER
(87) International Publication No	:WO 2005/097730	2)CHRISTOPHER J. KNIGHT
(61) Patent of Addition to Application Number	:NA	3)CHARLES R. EVERLY
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 47No of Claims : 48

(57) Abstract :
A method of converting a tetraalkylammonium salt of a first anion to a tetraalkylammonium salt of a second anion is described which involves forming a solution comprising the tetraalkylammonium salt of the first anion in a solvent which includes water and a polar organic co-solvent, contacting the solution with an ion exchange resin in the form of the second anion and forming a tetraalkylammonium salt of the second anion in solution and an ion exchange resin complexed with the first anion. The solution containing the tetraalkylammonium salt of the second anion can be recovered.

(54) Title of the invention : "REPAIR OF MEMORY CELLS"

(51) International classification	:G11C 29/00	(71)Name of Applicant :
(31) Priority Document No	:60/573,093	1)ANALOG DEVICES, INC.
(32) Priority Date	:20/05/2004	Address of Applicant :ONE TECHNOLOGY WAY, NORWOOD, MA
(33) Name of priority country	:U.S.A.	02062, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2005/016718	(72)Name of Inventor :
Filing Date	:12/05/2005	1)MIKOL GREGORY P.
(87) International Publication No	:WO 2005/117027	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 16

(57) Abstract :
A memory device has at least one sub array (206, 208, 210, 212) of memory cells having data columns and at least one spare sub array (202, 204,) having spare columns. In one embodiment the sub array of memory cells and the sub array having spare columns are the same sub array. Individual elements in the sub arrays of memory cells can be repaired using an individual element from the spare sub array.

(54) Title of the invention : "METHOD OF SMOKING/BURNING TYPE VOLUME REDUCING TREATMENT AND APPARATUS THEREOF"

(51) International classification	:B09B 3/00
(31) Priority Document No	:2004-174806
(32) Priority Date	:18/05/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/008687
Filing Date	:12/05/2005
(87) International Publication No	:WO 2005/110634
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARAKI, KUNIOMI

Address of Applicant :INABA BLDG., 202, 13-19, MINAMIDAI 4-CHOUME, SAGAMIHARA-SHI, KANAGAWA, 2280814, JAPAN Japan

2)TAKADA KAZUHIKO**3)OZAWA, MAMORU****4)YANAGISAWA, KOICHIRO**

(72)Name of Inventor :

1)ARAKI, KUNIOMI

No of Pages : 33

No of Claims : 32

(57) Abstract :

In the operation of smoking/burning type volume reduction apparatus (1), referring to view (A), charcoal carbonized layer (T2) is spread" over powdery ceramic layer (Tx) in the state of having negative ion air fed through air supply inlet (H) . Further, sawdust layer (T3) is spread thereover, and thereafter treatment subject layer (V) is piled thereon. In a temporary burning region of the carbonized layer (T2), the powdery ceramic layer (Ti) exerts not only heat storing action but also heat radiation action. Referring to viw (B), the interior of the sawdust layer (T3) is altered into temporary carbonized layer (T31) and temporary dried layer (T3 2) . As the temporary burning region slowly moves upward, an under side of the treatment subject layer (V) is altered into dried layer (Vi) and further, carbonized layer (V2) shown in view (C) is formed. Thereafter, this carbonized layer (V2) catches fire, so that burning region (V3) is formed in layered form in the treatment subject layer (V) . Thus, smoking/burning starts. Accordingly, there can be provided a method whrein a burning region is securely formed in the treatment subject within the apparatus (1) .

(54) Title of the invention : "LANCET ASSEMBLY"

(51) International classification	:A61B 5/15	(71)Name of Applicant :
(31) Priority Document No	:2004-146321	1)IZUMI-COSMO COMPANY, LIMITED
(32) Priority Date	:17/05/2004	Address of Applicant :3-3, NAKANOSHIMA 3-CHOME, KITA-KU,
(33) Name of priority country	:Japan	OSAKA-SHI, OSAKA 530-0005, JAPAN Japan
(86) International Application No	:PCT/JP2005/008899	(72)Name of Inventor :
Filing Date	:16/05/2005	1)ABE, TERUYUKI
(87) International Publication No	:WO 2005/110225	2)SEKI KAZUHARU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 36

No of Claims : 36

(57) Abstract :

The present invention provides a lancet assembly which dispenses with the removal of a resin cover encapsulating a pricking element. Upon inserting a lancet structure 200 into a lancet holder 100, a force which separates a lancet cover 214 encapsulating the sharp tip portion 232 of the pricking element 220 from a lancet body is generated, and this force is allowed to act on the lancet cover and the lancet body to thereby expose, within the lancet holder, the sharp tip portion of the pricking element encapsulated by the lancet cover and to locate the opening of the lancet holder in front of the sharp tip portion of the pricking element.

(54) Title of the invention : "METHOD FOR DETERMINING TYPE OF DIGITAL VERSATILE DISCS"

(51) International classification	:G11B 19/12	(71) Name of Applicant :
(31) Priority Document No	:60/574,665	1)VIA TECHNOLOGIES, INC
(32) Priority Date	:25/03/2004	Address of Applicant :8F, NO.535, CHUNG-CHENG RD., HSIN-TIEN
(33) Name of priority country	:U.S.A.	CITY, TAIPEI HSIEN, TAIWAN 231 Taiwan
(86) International Application No	:PCT/CN2004/001531	(72) Name of Inventor :
Filing Date	:27/12/2004	1)TAI, BRYAN
(87) International Publication No	:WO 2005/117009	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19No of Claims : 20

(57) Abstract :
A method for determining the type of digital versatile discs (DVDs) is provided, for distinguishing among a read only memory (ROM) DVD, a recordable DVD and a re-writable DVD. The method includes reading a tracking error signal from a DVD. If the amplitude of the tracking error signal is greater than a first predetermined value, the DVD is a recordable DVD; otherwise, an RECD signal is read from the DVD. If the RECD signal is zero, the DVD is a blank re-writable DVD; otherwise, a total RF level signal is read from the DVD. If the total RF level signal is greater than a second predetermined value, the DVD is a DVD ROM; otherwise, the DVD is a re-writable DVD with data.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7976/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/12/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : THE PRODUCTION OF MEMBRANE ELECTRODE ASSEMBLIES AND STACKS THEREOF

(51) International classification	:H01M 8/10
(31) Priority Document No	:0413515.8
(32) Priority Date	:16/06/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/002376
Filing Date	:16/06/2005
(87) International Publication No	:WO 2005/124915
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)LLOYD, JONATHAN ANTHONY

3)BOURNE, SIMON

4)SMITH, RACHEL LOUISE

No of Pages : 25

No of Claims : 19

(57) Abstract :

In a method for the production of a membrane electrode assembly comprising a membrane, electrodes and a catalyst, the catalyst is pressed into the membrane material, e.g. when forming the material in situ.

(54) Title of the invention : PROCESS FOR THE WORKING-UP OF A VITAMIN E-AND VITAMIN E-ACETATE AND RECTIFICATION COLUMN SUITABLE THEREFORE

(51) International classification :C07D 311/72
 (31) Priority Document No :01366/04
 (32) Priority Date :19/08/2004
 (33) Name of priority country :Switzerland
 (86) International Application No :PCT/EP2005/008982
 Filing Date :19/08/2005
 (87) International Publication No :WO 2006/018310
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)DSM IP ASSETS B.V
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 (72)**Name of Inventor :**
1)PIETZONKA, WERNER
2)RUCKSTUHL, PETER
3)WILDERMANN, ANGELA

No of Pages : 30

No of Claims : 17

(57) Abstract :

The invention relates to a process for the working-up of a vitamin E (VE)- and/or vitamin E acetate (VEA)-containing product stream, which is substantially characterized by purification of a vitamin E-containing product stream, acetylation of at least a part of the purified vitamin E and purification of at least a part of the acetylated vitamin E, the purification of vitamin E and vitamin E acetate preferably being effected by distillation, for example rectification. A preferred process according to the invention is characterized in that a vitamin E-containing product stream is fed to a first rectification column (105), low-boiling products and unspecified isomers of vitamin E being taken off at the top (105a) of this first rectification column virtually without loss of useful substance, and a purified, vitamin E-containing stream being taken off at the side (105b) and/or at the bottom (105c) of the rectification column (105), at least a part of the side take-off or of the bottom take-off or at least a part of the side and bottom take-off is passed, for acetylation of vitamin E, into an acetylation stage (111), at least a part of the product stream emerging from the acetylation stage is passed into a second rectification column (115) or is taken off as useful product having a purity of = 92 % by weight, and in a second rectification column, the VEA useful product is obtained as a side take-off having a purity of = 97 % by weight.

(54) Title of the invention : SYSTEM AND METHOD FOR APPLICATION MANAGEMENT

(51) International classification	:H04Q 7/32
(31) Priority Document No	:10/868,300
(32) Priority Date	:14/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/001657
Filing Date	:14/06/2005
(87) International Publication No	:WO 2005/125243
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOKIA CORPORATION

Address of Applicant :KEILALAHDENTIE 4, FIN-02150 ESPOO, FINLAND Finland

(72)Name of Inventor :

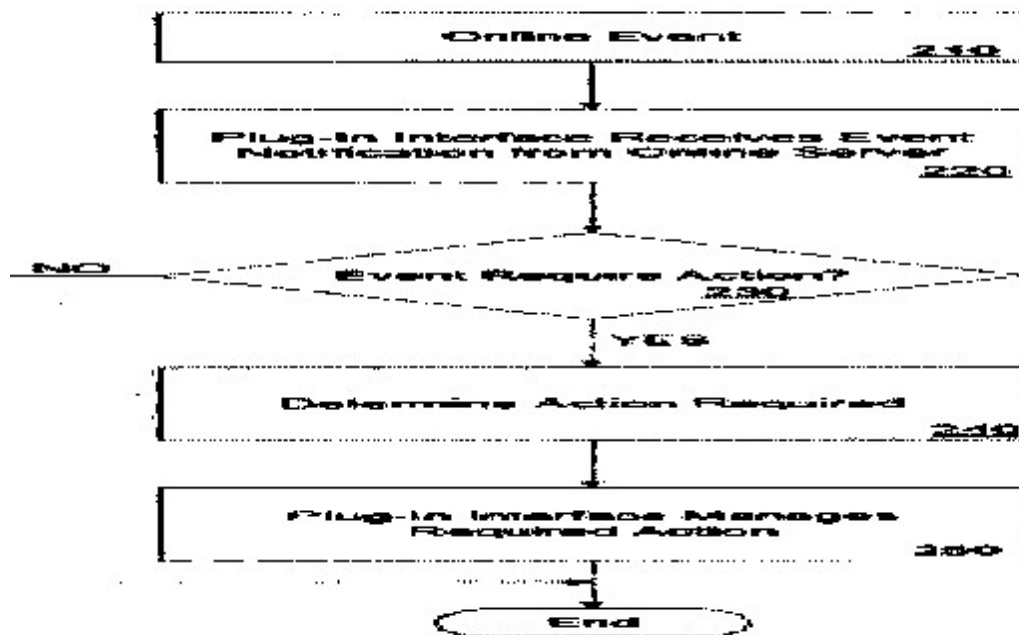
1)ARPONEN, TOMI**2)MUHONEN, JUHA**

No of Pages : 13

No of Claims : 41

(57) Abstract :

Embodiments of the present invention include device, methods, and computer code products for management of applications. The device includes a server adapted to either receive or monitor information related an event. The device further includes one or more application interface modules adapted to communicate with the server. Each of the one or more application interface modules is associated with an application and is adapted to receive information related to the event.



(54) Title of the invention : NETWORK DEVICES AND TRAFFIC SHAPPING METHODS

(51) International classification	:H04L 12/50	(71)Name of Applicant :
(31) Priority Document No	:20045222	1)NOKIA CORPORATION
(32) Priority Date	:15/06/2004	Address of Applicant :KEILALAHDENTIE 4, FI-02150 ESPOO,
(33) Name of priority country	:Finland	FINLAND Finland
(86) International Application No	:PCT/FI2005/050212	(72)Name of Inventor :
Filing Date	:14/06/2005	1)KOKKO, TIMO
(87) International Publication No	:WO 2005/125121	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29No of Claims : 21

(57) Abstract :
In a network device of a broadband access device, granularity of queue rates is improved by introducing intermediate rates in addition to those conventionally provided. When an intermediate rate between a first 10 Mbps queue rate and a second 5 Mbps queue rate, for instance, is desired for a traffic flow, a skip interval in a traffic shaper is configured to calculate a skip interval value according to the 5 Mbps rate, while each PDU of the specific traffic flow is subjected to a further override-interval-calculation decision: with a 50% probability, for instance, a skip zero queue interval (used for the 10 Mbps rate) is applied to the PDU, instead of the skip interval value calculated for the PDU in the traffic shaper. As a result, an intermediate rate, such as 7.5 Mbps, is obtained.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7980/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/12/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR BILLING FOR USAGE-BASED GROUP COMMUNICATION BETWEEN WIRELESS DEVICES"

(51) International classification :H04M 15/00
(31) Priority Document No :10/877,119
(32) Priority Date :25/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/022370
Filing Date :24/06/2005
(87) International Publication No :WO 2006/012263
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 MOREHOUSE DRIVE, SAN
DIEGO,CALIFORNIA 92121 USA. U.S.A.
(72)**Name of Inventor :**
1)BREWER BETH ANN
2)KENAGY JASON B.,

No of Pages : 32

No of Claims : 45

(57) Abstract :

A method and apparatus for billing for the usage of direct group communication services, such as push-to-talk services. A direct group communication service provider sets up an account for each direct communication service user whereby the user can establish a target group of wireless devices associated with his account. A billing server monitors the direct communication attempts of the wireless de-vice of the user with the target group and bills the user based upon a predetermined criteria, such as number of wireless devices in the target group communicated with, use of a direct communication service, or duration of talk time.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7981/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/12/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "A CREDIT CARD SIZED INJECTION DEVICE"

(51) International classification	:A61M 5/20
(31) Priority Document No	:04015740.6
(32) Priority Date	:05/07/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/053001
Filing Date	:27/06/2005
(87) International Publication No	:WO 2006/003130
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOVO NORDISK A/S
Address of Applicant :NOVO ALLE, DK-2880 BAGSVOERD
DENMARK Denmark
(72)**Name of Inventor :**
1)MOELLER CLAUS SCHMIDT
2)MILLER THOMAS DEEDENROTH

No of Pages : 30

No of Claims : 14

(57) Abstract :

A mechanical operated injection device which has the size of a credit card. The very compact size is obtained by using a flexible reservoir containing the drug to be delivered and a suction pump for pumping the liquid drug from the flexible reservoir to the body of the user. The pump is driven in cycles by a spring assembly which is energized by the user when setting the dose to be injected. The injection device is further connected to a needle assembly by a snap mechanism only requiring a 90 degree rotation of the injection needle assembly in order to release the injection needle assembly from the injection device.

(54) Title of the invention : "METHODS FOR IMPROVING BIOAVAILABILITY OF A RENIN INHIBITOR"

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date :A61K 31/165 :60/598,700 :03/08/2004 :U.S.A. :PCT/EP2005/008369 :02/08/2005 :WO 2006/013094 :NA :NA :NA :NA	(71)Name of Applicant : 1)NOVATIS AG Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL SWITZERLAND Switzerland (72)Name of Inventor : 1)CAMENISCH GIAN 2)GROSS GERHARD 3)OTTINGER ISABEL 4)WASMUTH DANIEL

No of Pages : 27

No of Claims : 26

(57) Abstract :

The present invention provides a method for improving the bioavailability of a renin inhibitor, preferably, of a 8-amino-γ-hydroxy-(ω-aryl-alkanoic acid derivative, which method comprises co-administering to a mammal, especially a human, in need of such treatment, a combination of a renin inhibitor, or a pharmaceutically acceptable salt thereof, and an efflux protein inhibitor.

(54) Title of the invention : "HIGH TEMPERTURE BATTERY SYSTEM FOR HYBRID LOCOMOTIVE AND OFFHIGHWAY VEHICLES"

(51) International classification	:B60L 11/18	(71)Name of Applicant :
(31) Priority Document No	:10/884,501	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:02/07/2004	Address of Applicant :ONE RIVER ROAD, SCHENECTADY, NY
(33) Name of priority country	:U.S.A.	12345 USA U.S.A.
(86) International Application No	:PCT/US2005/023269	(72)Name of Inventor :
Filing Date	:29/06/2005	1)SALASOO LEMBIT
(87) International Publication No	:WO 2006/014307	2)KING ROBERT DEAN
(61) Patent of Addition to Application Number	:NA	3)KUMAR AJITH KUTTANNAIR
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 34

No of Claims : 20

(57) Abstract :

An electric storage battery system carried on a hybrid energy off-highway vehicle including wheels for supporting and moving the vehicle, an electrical power generator, and traction motors for driving the wheels, with electrical power generated on the vehicle being stored at selected times in the electric storage battery system and discharged from the electric storage battery system for transmission to the traction motors to propel the vehicle, with the vehicle and battery system being exposed to a range of environmental conditions is provided. The storage battery system includes at least one battery for storing and releasing electrical power, wherein the at least one battery generates an internal battery operating temperature that is independent of and exceeds the highest environmental temperature of the vehicle and the at least one battery.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7984/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/12/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "SYSTEM AND METHOD FOR BACKGROUND DOWNLOAD OF DIGITAL CONTENT TO AN INTERMITTENTLY CONNECTED PERIPHERAL DEVICE VIA A WIRELESS DEVICE"

(51) International classification	:H04M 1/06
(31) Priority Document No	:10/877,120
(32) Priority Date	:25/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/022368
Filing Date	:25/06/2005
(87) International Publication No	:WO 2006/012261
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO,
CALIFORNIA 92121 USA U.S.A.
(72)**Name of Inventor :**
1)CHANDHOK RAVINDER PAUL
2)JACOBS PAUL E

No of Pages : 26

No of Claims : 27

(57) Abstract :

A system and method for downloading graphical images to a display device from a server through a wireless communications network within a predetermined time interval. In one embodiment, a docking station for a wireless device is provided with a connector for connecting the display device, and docking station provides a dial tone to the display device within the predetermined time interval and requests connection to the server through the wireless device. The docking station will not provide the dial tone outside of the predetermined time interval.

(54) Title of the invention : "GEOGRAPHICAL LOCATION INFORMATION SHARING AMONG WIRELESS DEVICES"

(51) International classification	:H04Q 7/38	(71)Name of Applicant :
(31) Priority Document No	:10/877,175	1)QUALCOMM INCORPORATED
(32) Priority Date	:25/06/2004	Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO,
(33) Name of priority country	:U.S.A.	CALIFORNIA 92121 USA U.S.A.
(86) International Application No	:PCT/US2005/022362	(72)Name of Inventor :
Filing Date	:24/06/2005	1)BREWER BETH ANN
(87) International Publication No	:WO 2006/012258	2)KENAGY JASON B
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 34

No of Claims : 61

(57) Abstract :

A system and method for sharing geographical location information among a set of wireless telecommunication devices, such as mobile telephones. A first wireless telecommunication device generates geographical location information of that wireless telecommunication device, either through a resident device such as a GPS device, or has another computer device on the network provide the geographic location information, and then shares the geographical location information through sending the location information to one or more servers for relay to a predesignated target set of wireless telecommunication devices. The server stores the identity of member devices of the target set and controls communication between the first wireless telecommunications device and the member devices of the target set. A second server can be used to modify the geographical information, such as providing a map showing the location of the first wireless telecommunication device and other member devices of the target set.

(54) Title of the invention : "OPIOIDS FOR THE TREATMENT OF THE RESTLESS LEG SYNDROME"

(51) International classification	:A61K 31/485	(71)Name of Applicant :
(31) Priority Document No	:04013469.4	1)EURO-CELTIQUE S.A
(32) Priority Date	:08/06/2004	Address of Applicant :LUXEMBOURG OF 122, BOULEVARD DE LA
(33) Name of priority country	:EUROPEAN	PETRUSSE, L-2330 LUXEMBOURG Luxembourg
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/005888	1)FLEISCHER WOLFGANG
Filing Date	:01/06/2005	2)REIMER KAREN
(87) International Publication No	:WO 2005/120506	3)GAWORA KARIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 61

No of Claims : 13

(57) Abstract :
The present invention relates to an opioid controlled release oral dosage form comprising at least one opioid for the manufacture of a medicament to treat patients with restless leg syndrome (RLS).

(54) Title of the invention : "METHOD FOR PROCESSING PLASTIC WASTE TO OBTAIN MATRIX MATERIAL; THE MATRIX MATERIAL AND THE COMPOSITE MATERIAL"

(51) International classification :B29B 17/00
 (31) Priority Document No :P0401134
 (32) Priority Date :07/06/2004
 (33) Name of priority country :Hungary
 (86) International Application No :PCT/HU2005/000059
 Filing Date :03/06/2005
 (87) International Publication No :WO 2005/120790
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)SZILVASSY MIHALY
 Address of Applicant :SZLATINA PUSZTA 172, H-2451 ERCSI
 HUNGARY Hungary
 (72)**Name of Inventor :**
1)SZILVASSY MIHALY
2)NEMETH MIKLOS

No of Pages : 19

No of Claims : 13

(57) Abstract :

The invention relates to a method for producing matrix material from thermoplastic wastes originating from communal and industrial rubbish. The invention is characterized in that the base material plastic waste is primary cleaned if necessary, depending on its solid contamination, after the possible primary cleaning step if necessary, the plastic waste is inputted into a recovering machine, where, due to the pressure in the recovering machine and the heat transmitted to the material, the waste becomes a largely melted, nearly homogeneous and mostly fused mixture, the largely melted mixture is transferred into a heated internal mixing machine where the material is intensively mixed while adding heat, and if required, the melted material is transferred into a making-up machine. where matrix material blocks or matrix material products are produced. The invention relates also to the matrix material and the composite material produced from the matrix material.

(54) Title of the invention : "PHOSPHOLIPID GEL COMPOSITIONS FOR DRUG DELIVERY AND METHODS OF TREATING CONDITION USING SAME"

(51) International classification	:A61K 9/14	(71)Name of Applicant :
(31) Priority Document No	:10/874,532	1)IDEXX LABORATORIES INC
(32) Priority Date	:24/06/2004	Address of Applicant :ONE IDEXX DRIVE, WESTBROOK, MA 04092
(33) Name of priority country	:U.S.A.	USA U.S.A.
(86) International Application No	:PCT/US2005/022072	(72)Name of Inventor :
Filing Date	:23/06/2005	1)MURTHY YERRAMILI V.S.N
(87) International Publication No	:WO 2006/012145	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 106No of Claims : 73

(57) Abstract :
The present invention relates to pharmaceutical compositions in the form of a gel for controlled- or sustained- release of a pharmaceutically active agent and to methods for treating or preventing a condition in an animal by administering to an animal in need thereof the pharmaceutical compositions. One particular type of condition for .which the pharmaceutical compositions are useful is a microbial infection, e.g., of the skin, ear, or eye, especially for veterinary applications.

(54) Title of the invention : "SYSTEM AND METHOD FOR ENCAPSULATION AND PROTECTION OF COMPONENTS"

(51) International classification	:H01L 23/31	(71)Name of Applicant :
(31) Priority Document No	:10/884,722	1)CATERPILLAR INC
(32) Priority Date	:02/07/2004	Address of Applicant :100 N.E. ADAMS STREET, PEORIA, IL 61629-
(33) Name of priority country	:U.S.A.	6490 USA U.S.A.
(86) International Application No	:PCT/US2005/016541	(72)Name of Inventor :
Filing Date	:12/05/2005	1)AMSTUTZ AARON K
(87) International Publication No	:WO 2006/014196	2)GRABENSTETTER THOMAS
(61) Patent of Addition to Application Number	:NA	3)SOMMER RANDALL G
Filing Date	:NA	4)STICKLING CHRISTOPHER J
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 10

(57) Abstract :

An apparatus and method for providing a radio frequency identification. A barrier system is adapted to encase at least a portion of a radio frequency identification device. The barrier system includes a first layer defining a first set of physical properties and a second layer defining a second set of physical properties. A continuous transitory material is formed between the first and the second layers where they are interlinked at associated first and second margin portions. The physical properties of each layer of the barrier system provide protection to the component assembly from various types of physical and environmental damage.

(54) Title of the invention : "TREATMENT OF HIV INFECTION BY T-CELL MODULATION"

(51) International classification	:A61K 39/395	(71) Name of Applicant :
(31) Priority Document No	:60/605,173	1)SCHERING AKTIENGESELLSCHAFT
(32) Priority Date	:30/08/2004	Address of Applicant :MULLERSTRASSE 178, 13353 BERLIN,
(33) Name of priority country	:U.S.A.	GERMANY Germany
(86) International Application No	:PCT/EP2005/008325	(72) Name of Inventor :
Filing Date	:28/07/2005	1)WERNER KRAUSE
(87) International Publication No	:WO 2006/024354	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 16

(57) Abstract :

A method of treating HIV infection comprises administering to a patient a regimen that is able to shut down the immune system in a controlled manner by using T-cell depletion or T-cell modification such that T-cells no longer can be attacked by HIV cells. The T-cell depletor or T-cell modifiers ate administered either alone or in combination with "conventional" anti-HIV drugs.

(54) Title of the invention : "TETRADENTATE FERROCENE LIGANDS AND THEIR USE"

(51) International classification	:C07F 15/02	(71)Name of Applicant :
(31) Priority Document No	:1126/04	1)SOLVIAS AG
(32) Priority Date	:05/07/2004	Address of Applicant :KLYBECKSTRASSE 191, 4057 BASEL,
(33) Name of priority country	:Switzerland	SWITZERLAND Switzerland
(86) International Application No	:PCT/EP2005/053170	(72)Name of Inventor :
Filing Date	:04/07/2005	1)BENOIT PUGIN
(87) International Publication No	:WO 2006/003195	2)XIANG DONG FENG
(61) Patent of Addition to Application Number	:NA	3)MARC THOMMEN
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 39

No of Claims : 11

(57) Abstract :

Compounds of the formula I in the form of racemates, mixtures of diastereomers or pure diastereomers, where R0 and ROO are each, independently of one another, C1-C20-alkyl, C3-C8-cycloalkyl, C6-C14-aryl or C3-C12-heteroaryl having heteroatoms selected from the group consisting of O, S and N, which are unsubstituted or substituted by C1-C6-alkyl, C1-C6-alkoxy, C5-C8-cycloalkyl, C5-C8-cycloalkoxy, phenyl, C1-C6-alkylphenyl, d- C6-alkoxyphenyl, C3-C8-heteroaryl, F or trifluoromethyl; the radicals R1 are each, independently of one another, a hydrogen atom, a halogen atom or a substituent bound to the cyclopentadienyl rings via a C atom, S atom, Si atom, a P(O) or P(S) group; R2 and Ro2 are each, independently of one another, a hydrogen atom, C1-C20-alkyl, C3-C8-cycloalkyl, C6-C14-aryl or C3-C12-heteroaryl having heteroatoms selected from the group consisting of O, S and N, which are unsubstituted or substituted by C1-C6-alkyl, C1-C6-alkoxy, C5-C8-cycloalkyl, C5-C8-cycloalkoxy, phenyl, C1-C6-alkylphenyl, C1-C6-alkoxyphenyl, C3-C8-heteroaryl, F or trifluoromethyl; the two indices m are each, independently of one another, 1, 2 or 3; n is 0 or 1; XT is a secondary phosphino group or a cyclic phosphonito group and X2 and X3 are each, independently of one another, a secondary phosphino group. The compounds of the formula I are valuable ligands for enantioselective catalysts for the hydrogenation of prochiral, unsaturated compounds.

(54) Title of the invention : "DIAMINOOXIDASE-CONTAINING PHARMACEUTICAL COMPOSITIONS"

(51) International classification	:A61K 38/44	(71)Name of Applicant :
(31) Priority Document No	:AT 1150/2004	1)ALBERT MISSBICHLER
(32) Priority Date	:07/07/2004	Address of Applicant :KUMMERGASSE 8/1/18, A-1210 WIEN,
(33) Name of priority country	:Austria	AUSTRIA Austria
(86) International Application No	:PCT/EP2005/053234	(72)Name of Inventor :
Filing Date	:06/07/2005	1)ALBERT MISSBICHLER
(87) International Publication No	:WO 2006/003213	2)FRANZ GABOR
(61) Patent of Addition to Application Number	:NA	3)HERWIG REICHL
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 37No of Claims : 18

(57) Abstract :
The present invention relates to pharmaceutical compositions, food supplement compositions and cosmetic compositions comprising diaminooxidase, and to the use thereof.

(54) Title of the invention : "IMPROVED SEATING ELEMENTS AND SEAT BASE CONSTRUCTIONS"

(51) International classification	:A47C 7/02	(71)Name of Applicant :	
(31) Priority Document No	:60/579,134	1)NUBAX LIMITED	
(32) Priority Date	:11/06/2004	Address of Applicant :UNIT 15D, OAKCROFT ROAD,	
(33) Name of priority country	:U.S.A.	CHESSINGTON, SURREY KT9 1RH, GREAT BRITAIN U.K.	
(86) International Application No	:PCT/GB2005/001644	(72)Name of Inventor :	
Filing Date	:29/04/2005	1)DONNA K. JACKSON	
(87) International Publication No	:WO 2005/120293		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 25No of Claims : 22

(57) Abstract :
A seating system and in particular a seat base which comprises a support member which is arranged to support the ischial tuberosities of a user so as to cause the pelvis to move to an open position.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7994/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/12/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "PARAPOXVIRUSES IN COMBINATION WITH OTHER ANTIVIRAL AGENTS FOR THE TREATMENT OF HIV/AIDS"

(51) International classification	:A61K 35/76
(31) Priority Document No	:04016414.7
(32) Priority Date	:13/07/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/007395
Filing Date	:08/07/2005
(87) International Publication No	:WO 2006/005529
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AICURIS GMBH & CO.KG

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(72)Name of Inventor :

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2)HELGA RUEBSAMEN-WAIGMANN

3)AMAR KUREISHI

4)GERHARD HUNSMANN

5)CHRISTIANE STAHL-HENNIG

6)ANDREAS MEYERHANS

7)ALEXANDRA SCHUETZ

8)OLAF WEBER

No of Pages : 24

No of Claims : 24

(57) Abstract :

The present invention relates to the use of Parapoxviruses in combination with other agents for the treatment of viral diseases, and in particular HIV infections and AIDS. The invention also relates to methods for producing medicaments based on combinations of Parapoxviruses and other antiviral agents. In particular, the invention relates to the use of Parapoxviruses in combination with agents of the kind used for antiretroviral therapy and highly active antiretroviral therapy (HAART).

(54) Title of the invention : "COMMUNICATION DEVICE AND METHOD, AND PROGRAM"

(51) International classification	:H04B 13/00	(71)Name of Applicant :
(31) Priority Document No	:P2005-144202	1)SONY CORPORATION
(32) Priority Date	:17/05/2005	Address of Applicant :7-35,KITASHINAGAWA 6-CHOME,
(33) Name of priority country	:Japan	SHINGAWA-KU, TOKYO 141-0001, JAPAN Japan
(86) International Application No	:PCT/JP2006/309711	(72)Name of Inventor :
Filing Date	:16/05/2005	1)FUMIO KUBONO
(87) International Publication No	:WO 2006/132058	2)SUSUMU KUSAKABE
(61) Patent of Addition to Application Number	:NA	3)YOSHIHITO ISHIBASHI
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 138No of Claims : 13

(57) Abstract :
The present invention relates to a device and a method for communication, and a program that make it possible to provide a communication environment not limited by a use environment. An electrode controlling unit 261 in a transmitting device 260 checks a state of capacitive coupling of each of an electrode 271 and an electrode 272 in an electrode unit 262 with surroundings, controls connection of each electrode to a transmitting unit 263 according to a result of the check, and makes the electrode 271 and the electrode 272 function as a transmission signal electrode or a transmission reference electrode, the transmission signal electrode and the transmission reference electrode being different from each other. The transmitting unit 263 connects the electrode 271 and the electrode 272 to an amplifying unit under control of the electrode controlling unit 261, and transmits a signal to a communication medium 280 via one of the electrodes. The present invention is applicable to communication systems.

(54) Title of the invention : "1,1'-DIPHOSPHINO FERROCENES HAVING 2,2'-BOUND ACHIRAL OR CHIRAL RADICALS"

(51) International classification	:C07F 15/02
(31) Priority Document No	:1126/04
(32) Priority Date	:05/07/2004
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/EP2005/053171
Filing Date	:04/07/2005
(87) International Publication No	:WO 2006/003196
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :KLYBECKSTRASSE 191, 4057 BASEL, SWITZERLAND Switzerland

(72)Name of Inventor :

1)BENOIT PUGIN**2)XIANG DONG FENG****3)FELIX SPINDLER**

No of Pages : 48

No of Claims : 16

(57) Abstract :

Compounds of the formula I in the form of racemates, mixtures of diastereomers or pure diastereomers, R0 and roo are each, independently of one another, C1-C20-alkyl, C3-C8-cycloalkyl, C6-C14-aryl or C3-C12-heteroaryl having heteroatoms selected from the group consisting of O, S and N, which are unsubstituted or substituted by C1-C6-alkyl, C1-C6-alkoxy, C5-C8-cycloalkyl, C5-C8-cycloalkoxy, phenyl, C1-C6-alkylphenyl, C1-C6-alkoxyphenyl, C3-C8-heteroaryl, F or trifluoromethyl; the radicals r1 are each, independently of one another, a hydrogen atom, a halogen atom or a substituent bound to the cyclopentadienyl rings via a C atom, S atom, Si atom, a P(O) or P(S) group; R2 and Ro2 are each, independently of one another, a hydrogen atom, C1-C20-alkyl, C3-C8-cycloalkyl, C6-C14-aryl or C3-C12-heteroaryl having heteroatoms selected from the group consisting of O, S and N, which are unsubstituted or substituted by C1-C6-alkyl, C1-C6-alkoxy, C5-C8-cycloalkyl, C5-C8-cycloalkoxy, phenyl, C1-C6-alkylphenyl, C1-C6-alkoxyphenyl, C3-C8-heteroaryl, F or trifluoromethyl; the two indices m are each, independently of one another, 1, 2 or 3; n is O or 1; X1 is a secondary phosphino group or a cyclic phosphonito group and X2 and X3 are each, independently of one another, a secondary phosphino group. The compounds of the formula I are valuable ligands for enantioselective catalysts for the hydrogenation of prochiral, unsaturated compounds.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7998/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/12/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "METHOD AND SYSTEM FOR MANUFACTURING SOLAR PANELS USING AN INTEGRATED SOLAR CELL USING A PLURALITY OF PHOTOVOLTAIC REGIONS"

(51) International classification	:G06Q 99/00
(31) Priority Document No	:60/702,728
(32) Priority Date	:26/07/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US06/029164
Filing Date	:26/07/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SOLARIA CORPORATION
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CALIFORNIA 94538, USA U.S.A.
(72)**Name of Inventor :**
1)KEVIN R. GIBSON
2)ALELIE T. FUNCELL

No of Pages : 70

No of Claims : 78

(57) Abstract :

A solar panel apparatus and method. The apparatus has an optically transparent member comprising a predetermined thickness and an aperture surface region. The apparatus has a solar cell coupled to a portion of the optically transparent member. In a specific embodiment, the solar cell includes a transparent polymeric member and a plurality of photovoltaic regions provided within a portion of the transparent polymeric member. In a specific embodiment, the plurality of photovoltaic regions occupies at least about 10 percent of the aperture surface region of the transparent polymeric member and less than about 80% of the aperture surface region of the transparent polymeric member.

(54) Title of the invention : "METHOD AND SYSTEM FOR INTEGRATED SOLAR CELL USING A PLURALITY OF PHOTOVOLTAIC REGIONS"

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date :H02N 6/00 :60/688,077 :06/06/2005 :U.S.A. :PCT/US2006/021803 :05/06/2006 :WO 2006/133126 :NA :NA :NA :NA	(71)Name of Applicant : 1)SOLARIA CORPORATION Address of Applicant :46420 FREMONT BOULEVARD, FREMONT, CALIFORNIA 94538,USA U.S.A. (72)Name of Inventor : 1)KEVIN R. GIBSON

No of Pages : 61

No of Claims : 99

(57) Abstract :

A solar cell device structure and method of manufacture. The device has a back cover member, which includes a surface area and a back area. The device also has a plurality of photovoltaic regions disposed overlying the surface area of the back cover member. In a preferred embodiment, the plurality of photovoltaic regions occupying a total photovoltaic spatial region. The device has an encapsulating material overlying a portion of the back cover member and a front cover member coupled to the encapsulating material. An interface region is provided along at least a peripheral region of the back cover member and the front cover member. A sealed region is formed on at least the interface region to form an individual solar cell from the back cover member and the front cover member. In a preferred embodiment, the total photovoltaic spatial region/the surface area of the back cover is at a ratio of about 0.80 and less for the individual solar cell.

(54) Title of the invention : "PROCESS FOR PRODUCTION OF A CARBOXYLIC ACID/DIOL MIXTURE SUITABLE FOR USE IN POLYESTER PRODUCTION"

(51) International classification	:C07C 51/48	(71)Name of Applicant :
(31) Priority Document No	:10/271,058	1)EASTMAN CHEMICAL COMPANY
(32) Priority Date	:15/10/2002	Address of Applicant :100 NORTH EASTMAN ROAD, KINGSPORT,
(33) Name of priority country	:U.S.A.	TENNESSEE 37660, U.S.A. U.S.A.
(86) International Application No	:PCT/US2003/031957	(72)Name of Inventor :
Filing Date	:09/10/2003	1)ROBERT LIN
(87) International Publication No	:WO 2004/035515	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 36No of Claims : 20

(57) Abstract :
In this invention, a process is provided by which a carboxylic acid/diol mixture suitable as starting material for a polyester production is obtained from a decolorized carboxylic acid solution without isolation of a substantially dry carboxylic acid solid. More specifically, in this invention, a process is provided by which a terephthalic acid/ethylene glycol mixture suitable as starting material for a polyester production is obtained from a decolorized terephthalic acid solution without isolation of a substantially dry terephthalic acid solid.

(54) Title of the invention : "PROCESS FOR PRODUCTION OF AN ALCOHOL"

(51) International classification	:C07C 29/141	(71)Name of Applicant :
(31) Priority Document No	:0221489.8	1)JOHNSON MATTHEY PLC
(32) Priority Date	:17/09/2002	Address of Applicant :2-4 COCKSPUR STREET, TRAFALGAR
(33) Name of priority country	:U.K.	SQUARE, LONDON SW1Y 5BQ, UNITED KINGDOM U.K.
(86) International Application No	:PCT/GB2003/003688	(72)Name of Inventor :
Filing Date	:26/08/2003	1)ALISTAIR CHALMERS RAMSAY BROWN
(87) International Publication No	:WO 2004/026800	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9No of Claims : 7

(57) Abstract :
A process for the production of an alcohol, by hydrogenation of an aldehyde over a copper and zinc- containing catalyst comprises the step of treating the reduced catalyst with a sulphur compound. The process reduces the hydrogenation of olefin contained in the aldehyde feed compared with a process using an untreated catalyst.

(54) Title of the invention : "8-PHENYL-6, 9-DIHYDRO-[1,2,4] TRIAZOLO [3,4-i] PURIN-5-ONE DERIVATIVES"

(51) International classification :C07D 487/14
 (31) Priority Document No :P 9901694
 (32) Priority Date :27/07/1999
 (33) Name of priority country :Spain
 (86) International Application No :PCT/EP00/07062
 Filing Date :24/07/2000
 (87) International Publication No :WO 01/07441
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

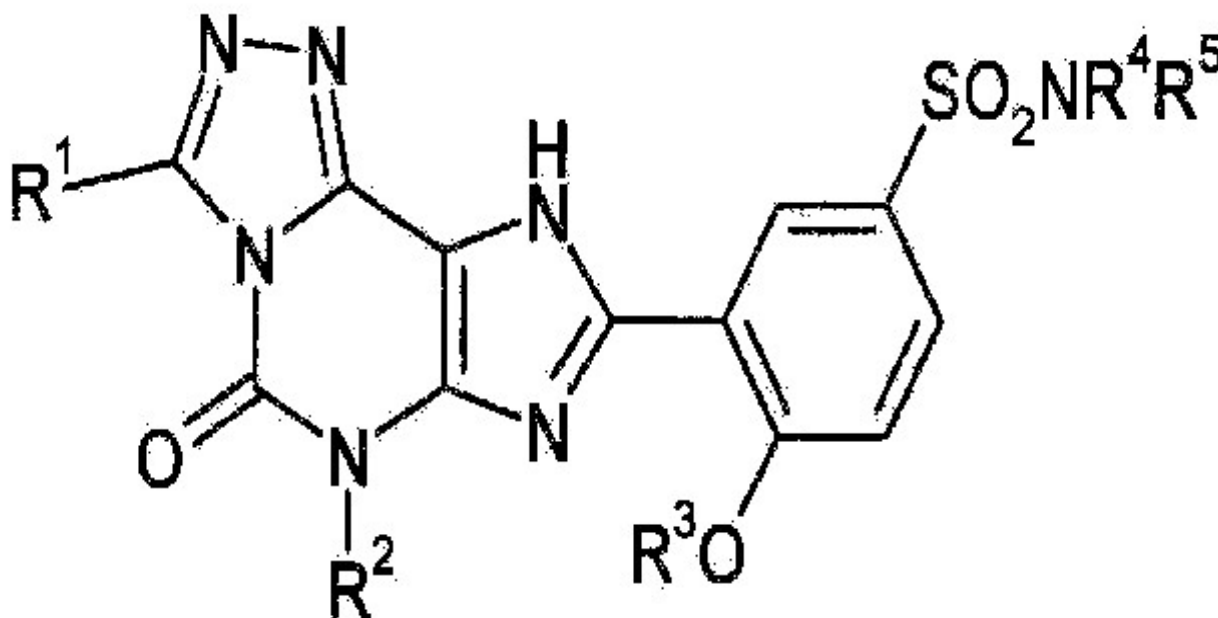
(71)Name of Applicant :
1)ALMIRALL PRODESFARMA, S.A.
 Address of Applicant :GENERAL MITRE 151, E-08022 BARCELONA, SPAIN. Spain
 (72)Name of Inventor :
1)JORDI GRACIA FERRER
2)JOAN FEIXAS GRAS
3)JOSE MANUEL PRIETO SOTO
4)ARMANDO VEGA NOVEROLA
5)BERNAT VIDAL JUAN

No of Pages : 121

No of Claims : 22

(57) Abstract :

8 -PHENYL- 6 , 9-DIHYDRO [1,2,4] TRIAZOLO [3 , 4 -i] PURIN-5-ONE DERIVATIVES 8-Phenyl-6,9-dihydro[1,2,4]triazolo[3, 4-i]purin-5-one derivatives of formula (I): wherein: R¹, R² and R³ each independently represent: hydrogen; a linear, branched or cyclic, substituted or unsubstituted, cycloaliphatic or aromatic, homocyclic or heterocyclic, organic group, R⁴ and R⁵ together with the nitrogen atom to which they are attached form a 3- to 7-membered ring comprising a total of from 1 to 4 heteroatoms selected from nitrogen, oxygen and sulphur, which ring may be unsubstituted or substituted; or R⁴ and R⁵ independently represent a hydrogen atom, or an alkyl group which may be unsubstituted or substituted, or R⁴ represents hydrogen or an alkyl group and R⁵ represents a group of formula -(CH₂)_n-R⁷ wherein n is a number from 0 to 4 and R⁷ represents: an organic group; or R⁴ and R⁵ represent hydroxyl, alkoxy, hydroxy-alkoxy, phenyl, alkoxycarbonyl, amino, mono- or dialkyl- amino or hydroxycarbonyl groups; or a pharmaceutically acceptable salt thereof; processes for their preparation, pharmaceutical compositions containing them and their use as PDE 5 inhibitors.



(54) Title of the invention : "METHOD AND SYSTEM FOR COLLABORATION DOCUMENT MARKUP"

(51) International classification	:G06F 3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SILVERBROOK RESEARCH PTY LTD
(32) Priority Date	:NA	Address of Applicant :393 DARLING STREET BALMAIN NSW 2041
(33) Name of priority country	:NA	AUSTRALIA Australia
(86) International Application No	:PCT/AU00/00758	(72)Name of Inventor :
Filing Date	:30/06/2000	1)SILVERBROOK RESEARCH PTY LTD
(87) International Publication No	:WO 01/02939	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 53

No of Claims : 25

(57) Abstract :

The invention relates to a method including the steps of providing a participant with at least one document markup form containing information relating to a collaborative document markup session and including coded data indicative of an identity of the document markup form and of at least one reference point of the document markup form, receiving, in a computer system, indicating data from a sensing device operated by said participant involved in the document markup session, said indicating data regarding the identity of the document markup session, said indicating data regarding the identity of the document markup form and a position of the sensing device relative to the document markup form, the sensing device when placed in an operative position relative to the document markup form, sensing the indicating data using at least some of the coded data, identifying in the computer system and from the indicating data, at least one parameter relating to the document markup session, and providing at least one other participant remote from said participant with at least one document markup form containing information representative of the at least one parameter.

(54) Title of the invention : "FIELD CONTROLLED PERMANET BRUSHLESS ELECTRIC MOTOR"

(51) International classification	:F04B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ECOAIR CORP
(32) Priority Date	:NA	Address of Applicant :FOUR INDUSTIRAL CIRCLE HAMDEN CT
(33) Name of priority country	:NA	06517-3152, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US00/42481	(72)Name of Inventor :
Filing Date	:01/12/2000	1)ECOAIR CORP
(87) International Publication No	:WO 01/42649	2)IFRIM COSTIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 12

(57) Abstract :
A brushless electric machine comprising a housing fabricated from a magnetically permeable material and having an interior region, a stator mounted within the interior region and attached to the housing wherein the stator has a stator winding, a rotor mounted for rotation about.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/00584/DEL A

(19) INDIA

(22) Date of filing of Application :06/06/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : "METHOD OF SYNTHESIS OF A SUBSTITUTED OR UNSUBSTITUTED CARBINOL COMPOUND"

(51) International classification	:C12P 7/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/AU00/01543
Filing Date	:13/12/1999
(87) International Publication No	:WO 01/44486
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)POLYCHIP PHARMACEUTICAL PTY. LTD.
(72)**Name of Inventor :**
1)SMALLRIDGE, ANDREW JOHN
2)TREWHELLA , MAURICE ARTHUR
3)WILKINSON, KYLIE ANNE

No of Pages : 19

No of Claims : 20

(57) Abstract :

This invention provides a method of synthesis of a substituted or unsubstituted carbinol compound, comprising the steps of subjecting the corresponding substituted or unsubstituted aromatic aldehyde to acyloin condensation mediated by yeast in the presence of either (a) a supercritical fluid or (b) a liquefied gas, and recovering the carbinol compound. Preferably, the yeast is *Saccharomyces cerevisiae*. In a particularly preferred embodiment the aromatic aldehyde is benzaldehyde and the carbinol is phenylacetylcarbinol, according to the reaction (I): in which the benzaldehyde, the pyruvic acid, or both may optionally be substituted.

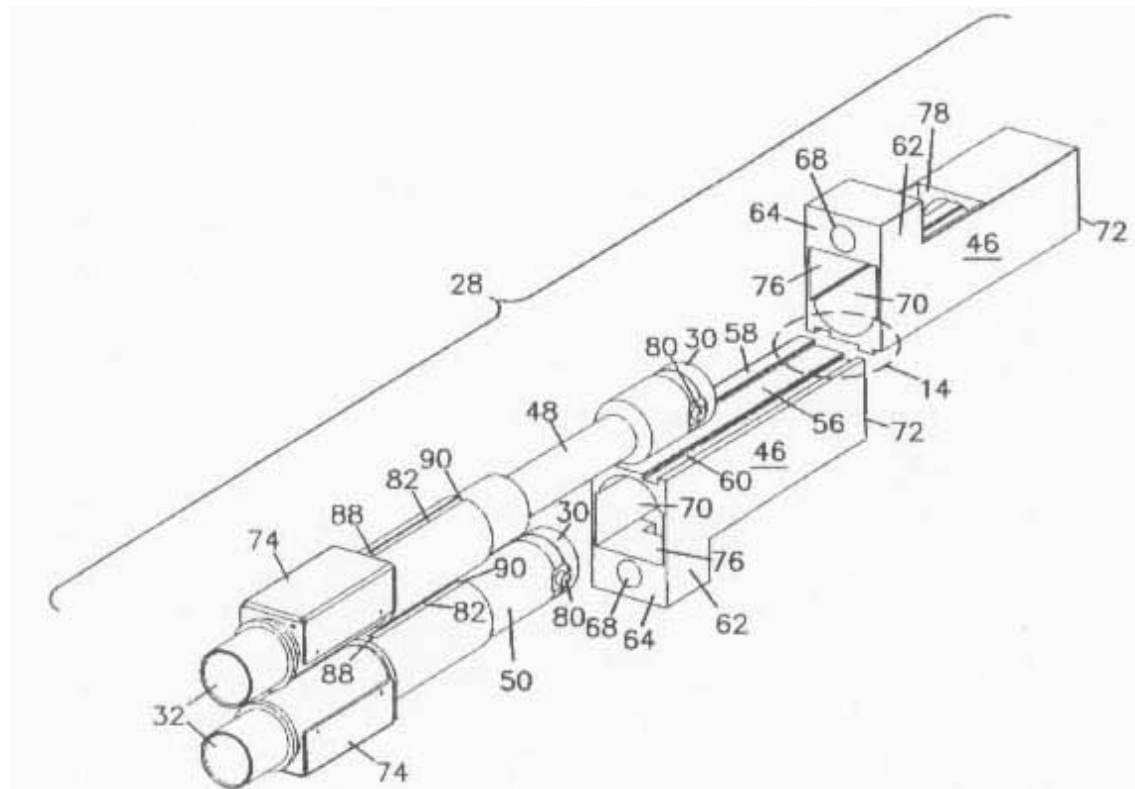
(51) International classification	:H01R 13/428	(71)Name of Applicant :
(31) Priority Document No	:10/700,366	1)ADC TELECOMMUNICATIONS, INC
(32) Priority Date	:03/11/2003	Address of Applicant :13625 Technology Drive Eden Prairie,
(33) Name of priority country	:U.S.A.	Minnesota 55344-2252 U.S.A.
(86) International Application No	:PCT/US04/036016	(72)Name of Inventor :
Filing Date	:29/10/2004	1)KHEMAKHEM M'hamed Anis
(87) International Publication No	:WO/2005/046009	2)SKLUZACEK, Kenneth Allen
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 40

(57) Abstract :

A coaxial connection assembly including a coaxial jack with a conductive outer shell with a first end and a second opposite end. The first end defines a front coaxial jack including an insulator mounted with an axial opening of the outer shell and a center conductor mounted within the insulator. The second end defines a rear coaxial jack including an insulator mounted within an axial opening of the outer shell and a center conductor mounted within the insulator. The center conductors of the front and rear jacks are electrically connected. The jack assembly is positioned within a longitudinal opening of housing. The first end of the jack assembly extends through a first end of the housing and the second end of the jack assembly extends through a second end of the housing. The jack assembly may only be inserted within and removed from the housing through the first end. Rotation of the jack assembly within the opening is prevented. The housing includes amounting flange extending away from the longitudinal opening adjacent the first end of the housing, with the mounting flange including an opening for receiving a fastener.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.902/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD OF PRODUCING JEWELLERY AND OTHER PRECIOUS METAL PRODUCTS WITH COMPLEX GEOMETRIES

(51) International classification	:A44C27/00; B22F3/00;
(31) Priority Document No	:0302469-2
(32) Priority Date	:17/09/2003
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2004/001326
Filing Date	:15/09/2004
(87) International Publication No	:WO/2005/025783
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EOS GMBH ELECTRO OPTICAL SYSTEMS

Address of Applicant :ROBERT-STIRLING-RING 1 82152
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(72)Name of Inventor :

1)JONSSON, CHRISTER

2)NORLEN , TOWE

3)THORSSON, LENA

4)EKLUND, BJORN

No of Pages : 15

No of Claims : 8

(57) Abstract :

The present invention relates to a novel method or producing in one and the same operation previous hallmarked precious metal products. The method is particularly suited for production of such precious metal products, i.e. jewellery and objets d'art, which have complex geometries. The basic principle of the invention is the use of the freeform fabrication FFE method known per se which involve a stepwise build-up in layers of the product from a precious-metal-containing metal powder.

(54) Title of the invention : METHODS AND APPARATUS FOR PROVIDING ACCESS TO PERSISTENT APPLICATION SESSIONS

(51) International classification	:G06F9/44; H04L29/06; H04L29/08
(31) Priority Document No	:10/683548
(32) Priority Date	:10/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/029684
Filing Date	:10/09/2004
(87) International Publication No	:WO/2005/038649
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CITRIX SYSTEMS INC.Address of Applicant :851 WEST CYPRESS CREEK ROAD,
FORT LAUDERDALE, FL 33309 U.S.A.

(72)Name of Inventor :

1)PEDERSEN, BRADLEY, JAY

No of Pages : 28

No of Claims : 43

(57) Abstract :

Methods and apparatus for providing remote access to two or more application sessions in which authentication information associated with a user is received, a plurality of application sessions already associated with the user are identified in response to the information, and a client computer operated by the user is connected to the plurality of application sessions. 204

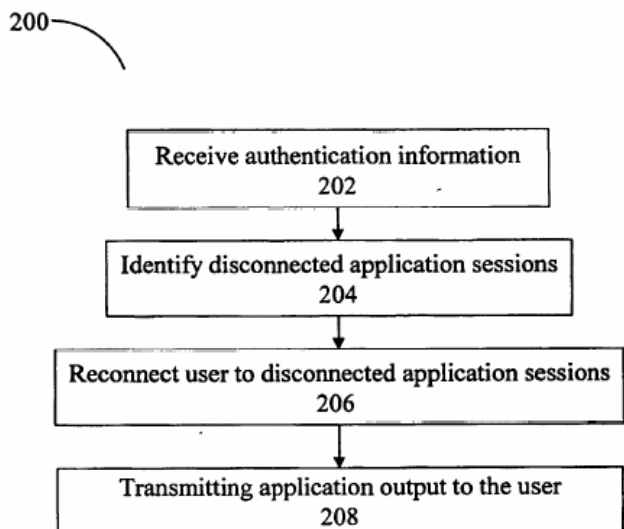


Fig. 2

(54) Title of the invention : "INTERFACE CALL SIGNALING PROTOCOL"

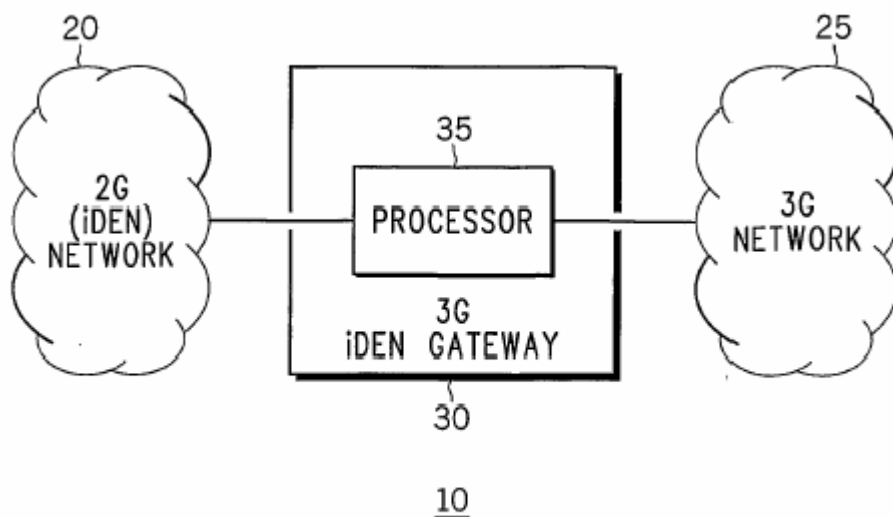
(51) International classification	:H04L12/28; H04L12/56; H04L12/28	(71)Name of Applicant : 1)MOTOROLA ,INC Address of Applicant :1303 EAST ALGONQUIN ROAD, SCHAUMBURG, IL 60196 U.S.A.
(31) Priority Document No	:10/739,801	(72)Name of Inventor :
(32) Priority Date	:18/12/2003	1)SHORES WILLIAM N
(33) Name of priority country	:U.S.A.	2)DESUTTER BARBARA M
(86) International Application No	:PCT/US2004/032619	3)HALLIN THOMAS G
Filing Date	:01/10/2004	4)NEYENS EDWARD J
(87) International Publication No	:WO/2005/067449	5)THOMAS ROBERT J
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 39

No of Claims : 50

(57) Abstract :

(57) Abstract: A third generation (3G) gateway (30) provides the facilities for extending a number of internet protocols between a second generation (2G) network and a 3G network as shown in Figure 1. The various messages of session initiation protocol (SIP) are extended to provide user identification and server identification subfields. The SIP message extensions facilitate the communication of 2G and 3G networks for the purposes of implementing push-to-talk and dispatch service features.

**FIG. 1**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.905/KOLNP/2006 A

(19) INDIA

(43) Publication Date : 20/04/2007

(22) Date of filing of Application :12/04/2006

(54) Title of the invention : "LIOPHILIC DRUG DELIVERY VEHICLE AND METHODS OF USE THEREOF "

(51) International classification :A61K9/127 (31) Priority Document No :60/508,035 (32) Priority Date :01/10/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2004/025412 Filing Date :06/08/2004 (87) International Publication No :WO/2005/039534 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)CHILDREN'S HOSPITAL & RESEARCH CENTER AT OAKLAND Address of Applicant :5700, MARTIN LUTHER KING JR. WAY, OAKLAND CALIFORNIA 94609 U.S.A. (72)Name of Inventor : 1)RYAN, ROBERT O. 2)ODA, MICHAEL N.

No of Pages : 70

No of Claims : 46

(57) Abstract :
The invention provides compositions and methods for delivery of a bioactive agent to an individual. Delivery vehicles are provided that include a bioactive agent in disc shaped particles that include one or more lipid binding polypeptides circumscribing the perimeter of a lipid bi-layer in which the bioactive agent is localized. Chimeric lipid binding polypeptides are also provided and may be used to add additional functional properties to the delivery particles.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.906/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : COMBINATION THERAPY FOR HCV INFECTION

(51) International classification	:A61K31/422; A61K31/7056; A61K38/21
(31) Priority Document No	:60/510,733
(32) Priority Date	:11/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/033739
Filing Date	:12/10/2004
(87) International Publication No	:WO 2005/037274
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ETTE ENE

2)ALAM JOHN J

3)KAUFFMAN ROBERT STEPHEN

No of Pages : 29

No of Claims : 64

(57) Abstract :

The present invention relates to therapeutic combinations comprising VX-497, ribavirin, and interferon. The present invention also relates to methods using the therapeutic combinations of the present invention for treating HCV infection or alleviating one or more symptoms thereof in a patient. The present invention also provides kits comprising the combinations of the present invention.

(54) Title of the invention : DRAINAGE APPARATUS AND METHOD

(51) International classification :A61M1/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/CH2003/000841
 Filing Date :22/12/2003
 (87) International Publication No :WO/2005/061025
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

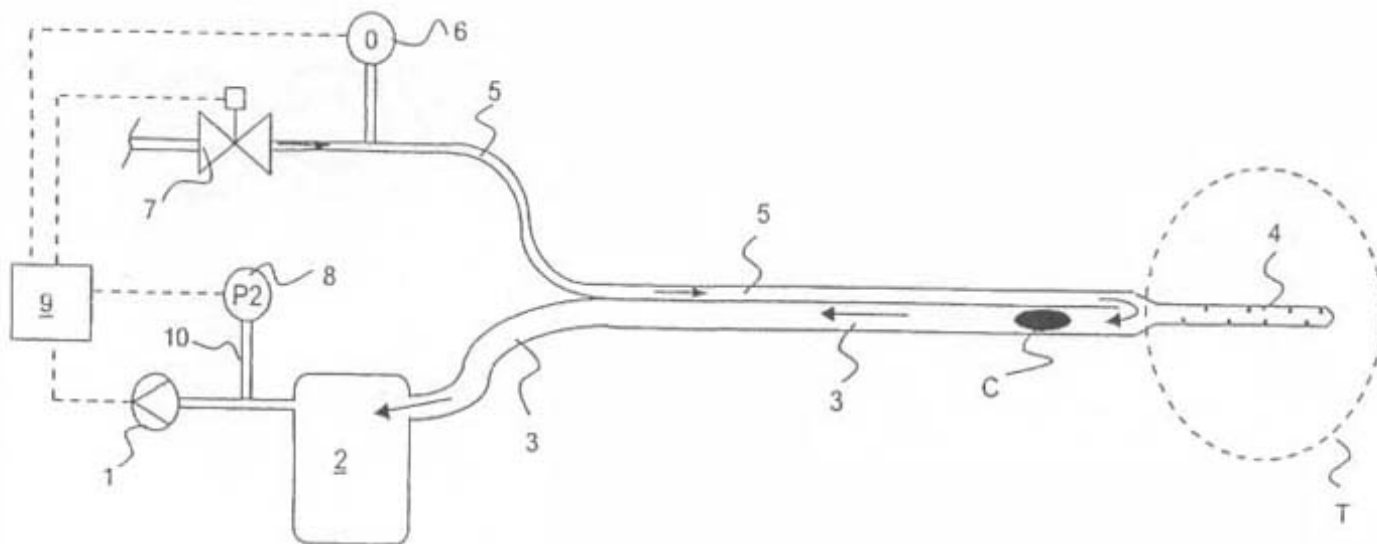
(71)Name of Applicant :
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 Address of Applicant :LATTICHISTRASSE 4B, 6340 BAAR,
 Switzerland
 (72)Name of Inventor :
1)LARSSON, MICHAEL

No of Pages : 13

No of Claims : 16

(57) Abstract :

An apparatus for removing body fluids from a body cavity by suction, such as a thorax, gastric or any other human body cavity or a wound, comprises means (9) to increase the pressure difference between a pressure in a drainage lumen (3) and a pressure in the atmosphere when an auxiliary lumen (5) is open. The apparatus enables removal of clots or other plugs of the catheter and drainage tube in an efficient and not patient disturbing way.



(54) Title of the invention : "INHIBITORS OF SERINE PROTEASES, PARTICULARLY HCV NS3-NS4A PROTEASE"

(51) International classification :A61K38/07;
C07K5/08; C07K5/10
(31) Priority Document No :60/510,156
(32) Priority Date :10/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/033238
Filing Date :08/10/2004
(87) International Publication No :WO 2005/037860
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)VERTEX PHARMACEUTICALS INCORPORATEDAddress of Applicant :130 WAVERLY STREET, CAMBRIDGE,
MA 02139 U.S.A.

(72)Name of Inventor :

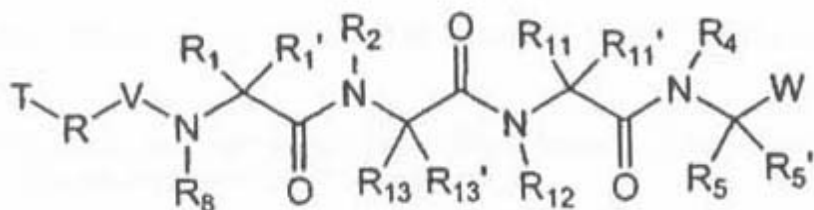
1)COTTRELL KEVIN M**2)PERNI ROBERT B****3)PITLIK JANOS**

No of Pages : 166

No of Claims : 62

(57) Abstract :

The present invention relates to compounds of formula (I) or a pharmaceutically acceptable salt or mixtures thereof that inhibit serine protease activity, particularly the activity of hepatitis C virus NS3-NS4A protease. As such, they act by interfering with the life cycle of the hepatitis C virus and are also useful as antiviral agents. The invention further relates to compositions comprising these compounds either for ex vivo Use or for administration to a patient suffering from HCV infection and to processes for preparing the compounds. The invention also relates to methods of treating an HCV infection in a patient by administering a composition comprising a compound of this invention. The invention further relates to processes for preparing these compounds.



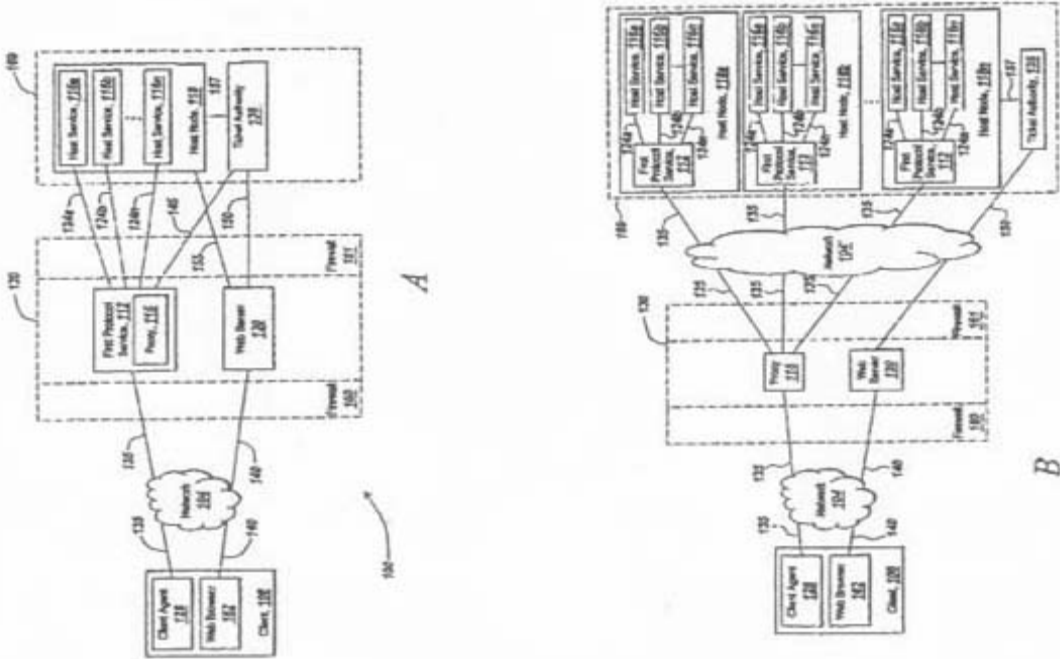
(I)

(54) Title of the invention : "A PERSISTENT AND RELIABLE SESSION SECURELY TRAVERSING NETWORK COMPONENTS USING AN ENCAPSULATING PROTOCOL"

(51) International classification	:H04L12/46; H04L29/06	(71)Name of Applicant : 1)CITRIX SYSTEMS, INC. Address of Applicant :851 WEST CYPRESS CREEK ROAD, FORT LAUDERDALE, FL 33309 U.S.A.
(31) Priority Document No	:10/683,881	(72)Name of Inventor :
(32) Priority Date	:10/10/2003	1)PANASYUK, ANATOLIY
(33) Name of priority country	:U.S.A.	2)KRAMER ANDRE
(86) International Application No	:PCT/US2004/033334	3)PEDERSEN, BRADLEY, JAY
Filing Date	:08/10/2004	4)STONE, DAVID, SEAN
(87) International Publication No	:WO 2005/036858	5)TREDER, TERRY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 78No of Claims : 35

(57) Abstract :
The invention relates to systems and methods for reestablishing client communications by securely traversing network components using an encapsulating communication protocol to provide session persistence and reliability. A first protocol that encapsulates a plurality of secondary protocols is used to communicate over a network to provide session persistence and a reliable connection between a client and a host service via a first protocol service. A ticket authority generates a first ticket and a second ticket associated with the client The first ticket is provided to the client and the client uses the first ticket to establish a communication session with the first protocol service. The second ticket is provided to the first protocol service and the first protocol service uses the second ticket to establish a communication session with the host service.



(54) Title of the invention : METHODS AND APPARATUS FOR SCALABLE SECURE REMOTE DESKTOP ACCESS

(51) International classification :G06F 21/00		(71)Name of Applicant :
(31) Priority Document No :10/683,544		1)CITRIX SYSTEMS, INC.
(32) Priority Date :10/10/2003		Address of Applicant :851 WEST CYPRESS CREEK ROAD,
(33) Name of priority country :U.S.A.		FORT LAUDERDALE, FL 33309 U.S.A.
(86) International Application No :PCT/US2004/029682		(72)Name of Inventor :
Filing Date :10/09/2004		1)PANASYUK ANATOLIY
(87) International Publication No :WO 2005/041004		2)SIRJANI ABOLFAZL
(61) Patent of Addition to Application Number :NA		3)WALTERS BEN
Filing Date :NA		4)BURR MICHAEL
(62) Divisional to to Application Number :NA		5)EARL MIN-CHIH LU
Filing Date :NA		

No of Pages : 34

No of Claims : 29

(57) Abstract :

The invention provides scalable, secure, and easily administrable methods and systems for providing remote access to networked resources by combing aspects of physical access limitation measures with traditional computer access limitation measures. The methods and systems utilize an enrollment administration system for specifying enrollment rules, an enrollment system con-figured to communicate with the enrollment administration system to permit enrolling a first networked resource if permitted by specified enrollment rules, and a remote access system for granting a user remote access to the first networked resource if the user successfully enrolled the first networked resource.

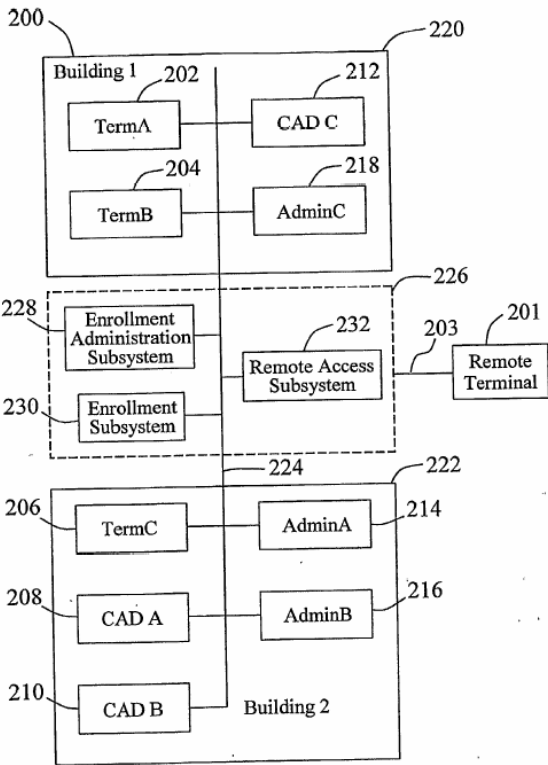


Fig. 2

(54) Title of the invention : CARDBOARD AND A METHOD OF MANUFACTURE THEREOF

(51) International classification	:D21F11/00
(31) Priority Document No	:20031567
(32) Priority Date	:27/10/2003
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2004/000635
Filing Date	:27/10/2004
(87) International Publication No	:WO 2005/040496
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)M-REAL OYJAddress of Applicant :REVONTULENTIE 6, FI-02100, ESPOO,
Finland

(72)Name of Inventor :

1)KATAJAMAKI SEPPO**2)MUSTONEN TUOMAS**

No of Pages : 17

No of Claims : 34

(57) Abstract :

The invention relates to cardboard used in authenticity products, comprising a fibre matrix having two surfaces, whereby the second surface of the fibre layer has a layer of surface sizing containing a marking agent in a particle form, its particle size being smaller than 50 Åµm. By incorporating the marking agent into the surface sizing, the particles of the marking agent can be attached to the board, at the same time decreasing their total consumption by 80 to 90 % compared with a case where they would be. added to pulp. By using particles of a size less than 50 Åµm, a top free from seeks and roughness can be formed, which streaks might otherwise weaken the quality of the product

(54) Title of the invention : POWDER FOR MANUFACTURING PRECIOUS PRODUCTS BY FREE FORMING FABRICATION AND PRODUCTS

(51) International classification	:B22F 1/00
(31) Priority Document No	:0302468-4
(32) Priority Date	:17/09/2003
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2004/001327
Filing Date	:15/09/2004
(87) International Publication No	:WO 2005/025784
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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KRAILLING Germany

(72)Name of Inventor :

1)THORSSON LENA**2)HEDE ALLAN****3)EKLUND BJORN**

No of Pages : 17

No of Claims : 12

(57) Abstract:

The present invention relates to metal powders mixtures which are intended for manufacturing precious metal products which have special designs and complex geometries, also including those which consist of several uninterrupted parts which are indivisibly but flexibly coupled to each other. From the powder mixture jewellery and other objets d'art are manufactured by making use of free form fabrication (FFF) technique. The invention also comprises jewellery and other ornamental products which are manufactured from the powder material in question using the FFF technique.

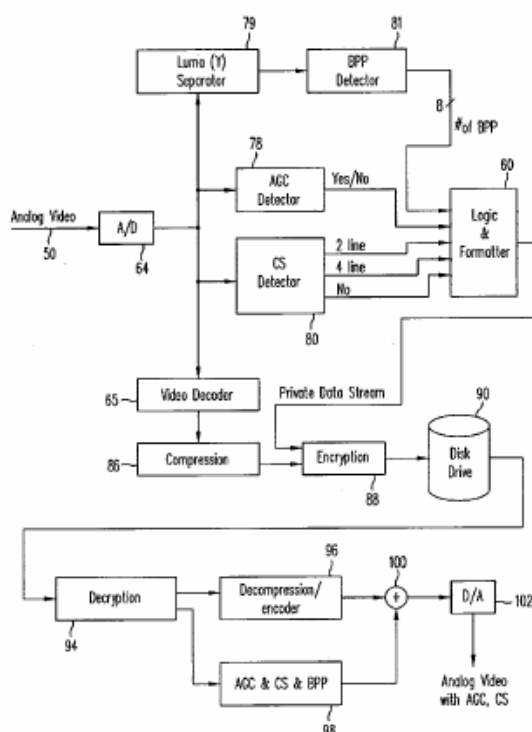
(51) International classification	:H04N5/913; H04N5/781; H04N9/804	(71)Name of Applicant : 1)MACROVISION CORPORATION Address of Applicant :2830 DE LA CRUZ BLVD. SANTA CLARA, CALIFORNIA 95050 U.S.A.
(31) Priority Document No	:60/509,514	(72)Name of Inventor :
(32) Priority Date	:07/10/2003	1)HOLLAR, MARK A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2004/032611	
Filing Date	:30/09/2004	
(87) International Publication No	:WO/2005/039176	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 37

No of Claims : 60

(57) Abstract :

Method and apparatus for controlling subsequent permitted use, such as storage, of video on a digital storage device such as a personal video recorder (PVR). An analog video signal is provided with at least one modification to its video characteristics, for instance in the horizontal blanking interval and vertical blanking intervals, which is of the type having the capacity to inhibit making an acceptable analog video recording of the analog video signal. Examples of these modifications are the well known pseudo-sync (automatic gain control), color stripe (color burst modifications), and added back porch pulses. The pattern of presence or absence or nature of the modifications also serves as a code to carry information as to the subsequent permitted use in the digital realm, such as whether the accompanying content of the video signal is allowed to be digitally recorded in digital form in a compatible PVR personal video recorder, and if it is allowed to be recorded, the length of time that the recording is allowed to persist, for instance one day, one week, one month. Hence the modifications to the analog video signal have a dual use in both inhibiting recording in the analog realm and carrying information across the analog video interface so as to control storage (copying) or other use of the video in the digital realm.



(54) Title of the invention : INJECTABLE CALCIUM PHOSPHATE SOLID RODS AND PASTES FOR DELIVERY OF OSTEOGENIC PROTEINS

(51) International classification	:A61K 38/18
(31) Priority Document No	:60/502,493
(32) Priority Date	:12/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/029560
Filing Date	:10/09/2004
(87) International Publication No	:WO/2005/025595
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)LI REBECCA

2)SEEHERMAN HOWARD

3)KIM HYUN

No of Pages : 43

No of Claims : 107

(57) Abstract :

Osteogenic proteins are delivered via an injectable solid rod or hardenable paste. The formulation comprises a calcium phosphate material, an osteogenic protein, and optional additives and active ingredients such as a bone resorption inhibitor. Methods of making injectable pharmaceutical compositions and methods of using the osteogenic compositions to treat bone defects are also disclosed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.916/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : MODIFIED GENE-SILENCING NUCLEIC ACID MOLECULES AND USES THEREOF

(51) International classification :C12N 15/11
(31) Priority Document No :60/502,250
(32) Priority Date :12/09/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2004/001237
Filing Date :10/09/2004
(87) International Publication No :WO/2005/026356
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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2)LOCKETT LINDA JANE

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4)DORAN TIMOTHY JAMES

5)MOORE ROBERT JOHN

6)BOTH GERALD WAYNE

No of Pages : 101

No of Claims : 107

(57) Abstract :

Methods and means for efficiently down regulating the expression of a target gene of interest in cell from an organism that is an animal, fungus and protist The invention provides chimeric nucleic acid molecules for down regulating target genes. The invention also provides modified cells and organisms comprising the chimeric nucleic acid molecules and compositions comprising the chimeric molecules.

(54) Title of the invention : ENERGY STORAGE DEVICE FOR LOADS HAVING VARIABLE POWER CONSUMPTION

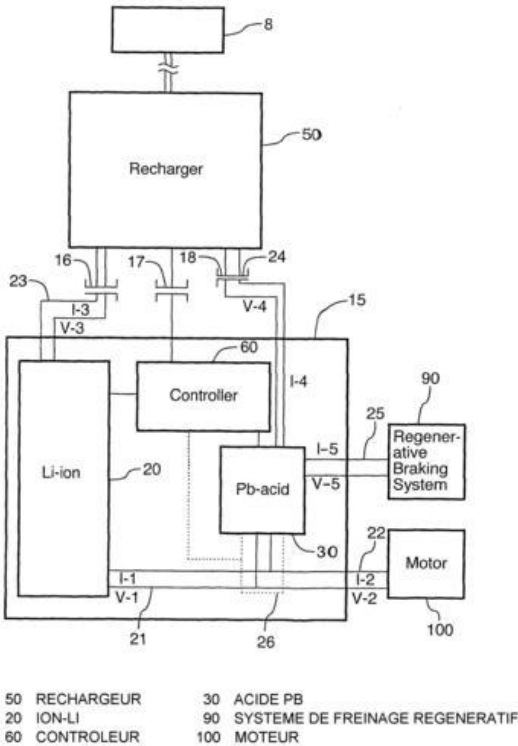
(51) International classification	:H02J7/00; H02J7/00	(71)Name of Applicant :
(31) Priority Document No	:10/661,813	1)ELECTROVAYA INC.
(32) Priority Date	:15/09/2003	Address of Applicant :2465 ROYAL WINDSOR DRIVE,
(33) Name of priority country	:U.S.A.	MISSISSAUGA, ONTARIO L5J 1K9, Canada
(86) International Application No	:PCT/CA2004/001640	(72)Name of Inventor :
Filing Date	:07/09/2004	1)DASGUPTA SANKAR
(87) International Publication No	:WO 2005/027345	2)JACOBS JAMES K
(61) Patent of Addition to Application Number	:NA	3)BHOLA RAKESH
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 41

No of Claims : 32

(57) Abstract :

An electrical energy storage device for storing electrical energy and supplying the electrical energy to a driving motor at different power levels is disclosed. The electrical storage device has an energy battery connected to a power battery. The energy battery has a higher energy density than the power battery. However, the power battery can provide electrical power to the electrical motor at different power rates, thereby ensuring that the motor has sufficient power and current when needed. The power battery can be recharged by the energy storage battery. In this way, the power battery temporarily stores electrical energy received from the energy battery and both batteries can provide electrical energy at the different power rates as required by the motor. The energy storage device can be releasably connected to an external power source in order to recharge both batteries. Both batteries can be recharged independently to optimize the recharging and lifetime characteristics of the batteries.



(54) Title of the invention : A BAND DEVICE OF JOINING PIPE FOR PREVENTING FROM LEAKAGE.

(51) International classification	:F16L21/06; F16L21/06	(71)Name of Applicant :
(31) Priority Document No	:20-2003-0032512	1)AN, Byung-moo
(32) Priority Date	:17/10/2003	Address of Applicant :#60 Eumnae 1-ri, Uljin-eup, Uljin-gun,
(33) Name of priority country	:Republic of Korea	Gyeongsangbuk-do 767-801 Republic of Korea
(86) International Application No	:PCT/KR2004/002666	(72)Name of Inventor :
Filing Date	:18/10/2004	1)AN, Byung-moo
(87) International Publication No	:WO/2005/038152	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

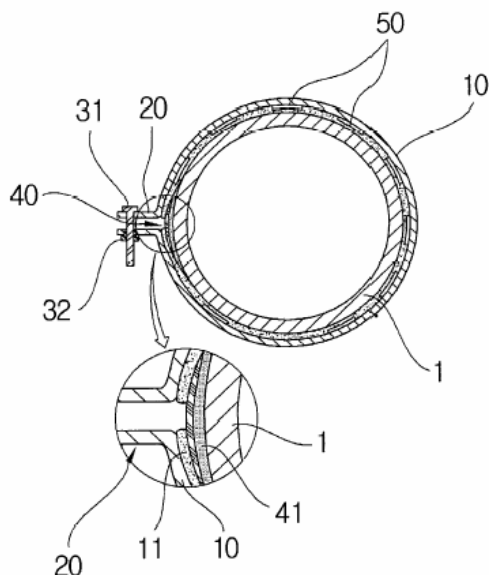
No of Pages : 17

No of Claims : 7

(57) Abstract :

The present invention provides a pipe joint which provides a superior seal after joining pipes, thus preventing water from leaking. The pipe joint includes a body part (10) and a coupling part (20). The pipe joint further includes a locking means (30) to couple both ends of the body part (10) to each other, and a reinforcing unit (40) which is reduced in thickness at both ends thereof. The pipe joint further includes sealing units (11) and (41) which are provided inside the body part (10) and the reinforcing unit (40). In the pipe joint of the present invention, the body part and the coupling parts comprise an integrated plate. Therefore, the durability of the product is improved and, as well, the productivity of the pipe joint increases. As such, the pipe joint of the present invention greatly affects both producers and consumers due to its economic efficiency.

FIG 3



(12) PATENT APPLICATION PUBLICATION

(21) Application No.919/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : SELECTIVE COMBINING METHOD AND APPARATUS IN A MOBILE COMMUNICATION SYSTEM

(51) International classification :H04B7/26;
H04B7/02
(31) Priority Document No :2003-101/68
(32) Priority Date :31/12/2003
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2004/003529
Filing Date :30/12/2004
(87) International Publication No :WO 2005/064822
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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2)KOOK-HEUI LEE

3)SUNG-HO CHOI

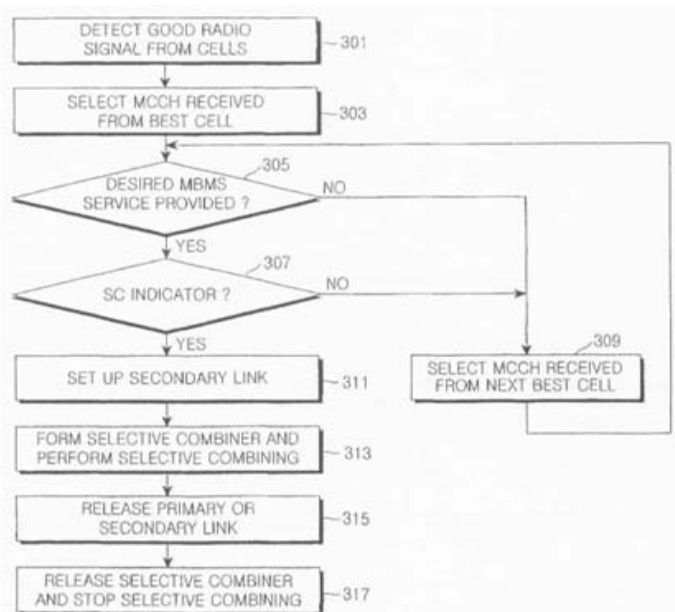
4)GERT JAN VAN LIESHOUT

No of Pages : 52

No of Claims : 17

(57) Abstract :

An apparatus and method for selectively combining broadcast data packets from a plurality of cells in a user equipment (UE). A selective combiner stores a received broadcast data packet in a buffer if a sequence number of the broadcast data packet received from the plurality of cells does not fall within a reception window, and stores the received broadcast data packet in the buffer if a sequence number of the received broadcast data packet falls within the reception window but has not been stored in the buffer. The selective combiner updates the reception window if a sequence number of the received broadcast data packet does not fall within the reception window, and discards the received broadcast data packet if a sequence number of the received broadcast data packet falls within the reception window but has been stored in the buffer.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.920/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : MATERIAL FOR SEALING IN WELL SINKING AND FOR THE FILLING OF UNDERGROUND CAVITIES, ESPECIALLY DEEP WELLS

(51) International classification	:E21B33/13; C04B28/02; C09K8/467
(31) Priority Document No	:PCT/EP2005/008116
(32) Priority Date	:26/07/2005
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/008116
Filing Date	:26/07/2005
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)GERHARD GROTENDORST

No of Pages : 15

No of Claims : 17

(57) Abstract :

The invention concerns a material for sealing in well sinking and for the filling of underground cavities, in particular deep wells, with a predominant content of marl and a content of cement. In order to attain durable and effective sealing of a ground water level, the invention provides that an additional content of sand and an additional content of clay are mixed with the marl and the cement.

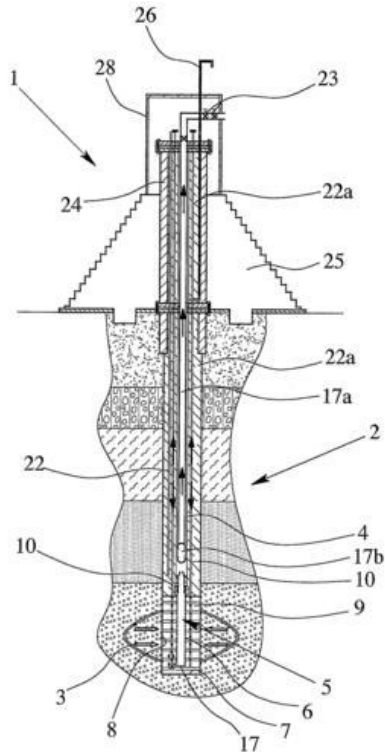
(51) International classification	:B09C1/00; B09C1/02	(71)Name of Applicant :
(31) Priority Document No	:102005045448.8	1)EXPLORATION DRILLING INTERNATIONAL GMBH
(32) Priority Date	:22/09/2005	Address of Applicant :Goethestrasse 61, DE-45721 Haltern am
(33) Name of priority country	:Germany	See, Germany
(86) International Application No	:PCT/EP06/001096	(72)Name of Inventor :
Filing Date	:08/02/2006	1)GERHARD GROTENDORST
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 19

(57) Abstract :

This invention relates to a tube well (1) designed for recovering groundwater, comprising well tubing (4) incorporated into a borehole of a ground formation (2) and comprising a filter unit (5) provided at the lower end of the well tubing (4), the filter unit (5) having at least one filter element (6) and, in a recovery state, at least the filter element (6) being bedded into a filter bed (9) which consists of a filter material and which, in the region of the borehole bottom (7), is incorporated into the annular space between the filter unit (5) and the borehole wall (8) . According to the invention, in order to remove the filter bed (9), at least one guide line (10) and at least one flushing line (11) are provided, the guide line (10) and the flushing line (11) extend in the borehole from the upper surface of the ground formation (2) at least down to the depth of the filter element (6) and the guide line (10) has at least one line opening (13, 14) and the flushing line (11) has at least one outlet opening (12) in the region of the filter bed (9), the outlet opening (12) being arranged relative to the line opening (13, 14) in such a way that the filter material is at least partially entrained by flushing medium (15) emerging from the flushing line (11), enters the guide line (10) via the line opening (13, 14) and, together with the flushing medium (15), is discharged from the borehole through the guide line (10).



(54) Title of the invention : METHOD OF AND SAMPLING DEVICE FOR EXTRACTING A WATER CONTAINING AND/OR OIL-CONTAINING AND/OR GAS-CONTAINING AND/OR SOLID CONTAINING SAMPLE MEDIUM FROM A BOREHOLE

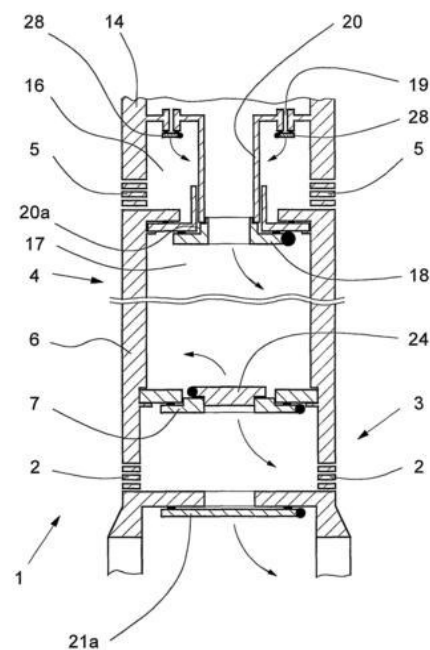
(51) International classification	:E21B49/08	(71)Name of Applicant :
(31) Priority Document No	:PCT/EP2005/004581	1)EDI GMBH
(32) Priority Date	:28/04/2005	Address of Applicant :GOETHESTRASSE 61, DE-45721
(33) Name of priority country	:EPO	HALTERN AM SEE Germany
(86) International Application No	:PCT/EP2005/004581	(72)Name of Inventor :
Filing Date	:28/04/2005	1)GERHARD GROTENDORST
(87) International Publication No	:WO 2006/011708	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 33

(57) Abstract :

The invention relates to a method of extracting a water- containing and/or oil-containing and/or gas-containing and/or solid-containing sample medium (27) from a borehole (8) with the aid of a sampling device (1) which belongs to a drill string (15) and is arranged above a drilling device (21), in which, during a drilling operation, a flushing medium (9) is conveyed via the sampling device (1) into an annular gap (11) between a borehole wall (12) of the borehole (8) and an outer wall (13) of a drill pipe (14) of the drill string (15) in the direction of the surface, in which, during a sampling procedure, a sample medium (27) is withdrawn via a sampling unit (3) of the sampling device (1) and conveyed via the drill pipe (14) towards the surface, and in which the drill string (15) remains in the borehole (8) during the sampling procedure. In order to develop a method of the aforementioned type in such a way that it is possible to be able to carry out a sampling procedure in any depth of borehole in a simple manner and without the risk of the borehole (8) collapsing, the invention provides that, following a sampling procedure, the sample medium (27) present in the drill string (15) is exchanged substantially completely by the flushing medium (9) prior to the continuation of the drilling operation.



(54) Title of the invention : KEYED FIBRE OPTIC CONNECTOR

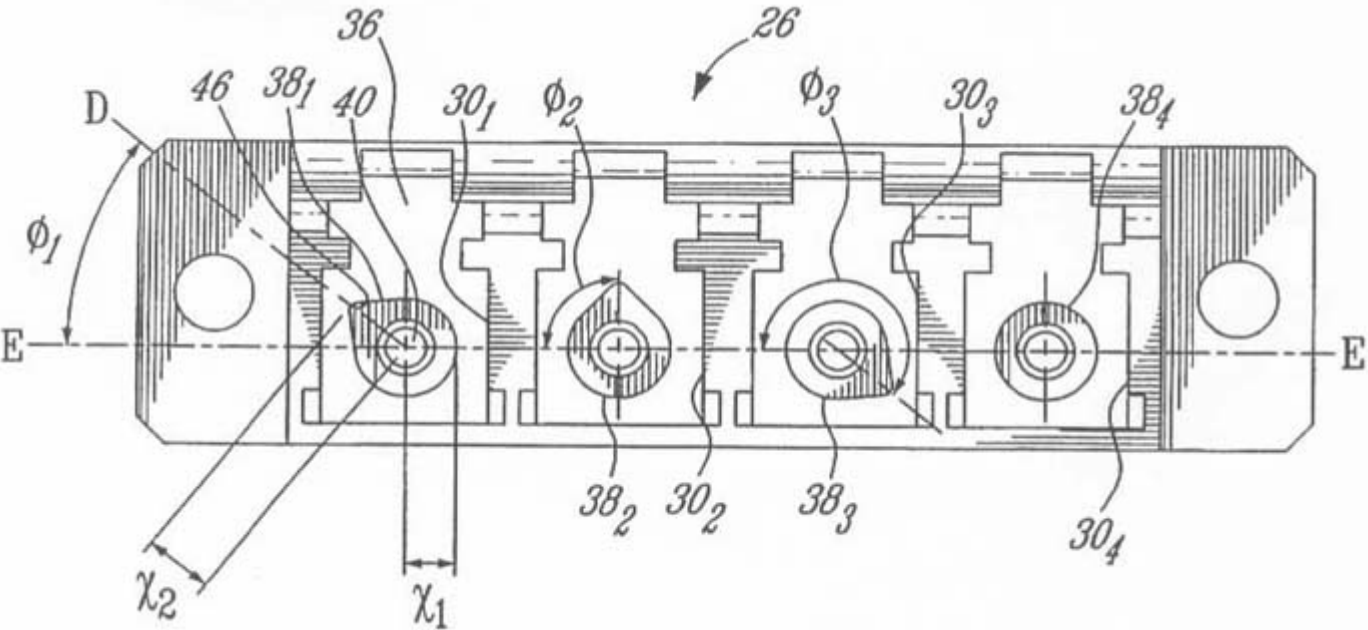
(51) International classification :G02B6/38; G02B6/38 (31) Priority Document No :2,441,872 (32) Priority Date :22/09/2003 (33) Name of priority country :Canada (86) International Application No :PCT/CA2004/001730 Filing Date :22/09/2004 (87) International Publication No :WO/2005/029147 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA		(71)Name of Applicant : 1)BELDEN CDT (CANADA) INC. Address of Applicant :2345, BOUL.DES SOURCES POINTE-CLAIRE (QUEBEC) H9R 5Z3, Canada (72)Name of Inventor : 1)MILETTE, LUC

No of Pages : 50

No of Claims : 114

(57) Abstract :

A keying system for providing selective interconnection between a receptacle socket and a connector plug terminating an optic fibre, the connector plug adapted for insertion into the receptacle socket. The keying system comprises a raised boss configured to one of a plurality of predefined boss keying geometries and a cavity configured to one of a plurality of predefined cavity keying geometries. The boss is either in one of the receptacle socket or on a forward end of the connector plug and the cavity is formed in the other of the receptacle socket or the forward end of the connector plug. At least one of the predefined boss keying geometries matches at least one of the predefined cavity keying geometries. When the boss keying geometry matches the cavity keying geometry, the boss can be inserted into the cavity thereby interconnecting the connector plug with the receptacle socket. In this manner correct Interconnections between connectors and other connectors or sockets can be insured thereby providing an enhanced level of security.



(54) Title of the invention : USE OF TRICYCLIC COMPOUNDS AS GLYCINE TRANSPORT INHIBITORS

(51) International classification :C07C229/22;
C07C229/26
(31) Priority Document No :0312165
(32) Priority Date :17/10/2003
(33) Name of priority country :France
(86) International Application No :PCT/FR2004/002643
Filing Date :15/10/2004
(87) International Publication No :WO/2005/037783
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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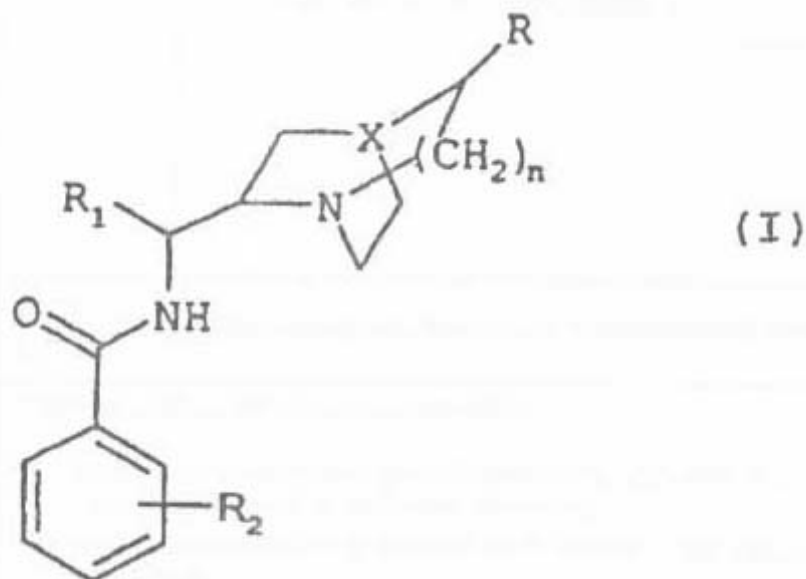
1)DARGAZANLI GIHAD**2)ESTENNE-BOUHTOU GENEVIEVE****3)MAGAT PASCALE****4)MARABOUT BENOIT****5)ROGER PIERRE**

No of Pages : 37

No of Claims : 11

(57) Abstract :

The invention relates to a compound having general formula (I), wherein: R represents a hydrogen atom or a vinyl group; n represents 0,1 or 2; X represents a groups having formula CH or a nitrogen atom; R1 represents a phenyl or naphthyl group, or a cyclohexyl group, or a heteroaryl group; R2 represents a hydrogen atom, or one or more substituents selected from among the halogen atoms and the trifluoromethyl, alkyl, alkoxy, thienyl, phenyloxy, hydroxy, mercapto, thioalkyl, cyano groups or a group having general formula -NR4R5, SO2NR4R5, -SO2alkyl, -SO2phenyl, -CONR4R5, -COOR7, -CO-alkyl, -CO-phenyl, -NHCOR8, -NHSO2-alkyl, -NHSO2-phenyl and -NHSO2NR4R5 or a divalent group having formula -OCF2O-; and R4 and R5 each represent a hydrogen atom or an alkyl group or R4 and R5, together with the nitrogen atom bearing same, form a pyrrolidine, piperidine or morpholine ring. Compounds having formula (I) have a unique activity as specific inhibitors of glyt1 and/or glyt2 transporters.



(54) Title of the invention : TEXTILE AND FOOTWEAR PRODUCTS TREATED WITH SULFUR

(51) International classification

:A61K 8/23

(31) Priority Document No

:FI2003A000279

(32) Priority Date

:03/11/2003

(33) Name of priority country

:Italy

(86) International Application No

:PCT/IT2004/000054

Filing Date

:12/02/2004

(87) International Publication No

:WO 2005/041913

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

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No of Pages : 11

No of Claims : 19

(57) Abstract :

According to the present invention there is provided a substance capable of inhibiting the bad smell of the feet, this substance consisting of elementary sulphur, preferably in the micronized state. It can be advantageously applied to socks, stockings or any other textile or footwear product intended to come into (direct or indirect) with the part to be deodorized. To this end, the active principle is combined with other substances with a view to obtaining a stable fixing to the support, assuring a persisting release of the active principle in the course of time, and this even after subsequent washings.

(54) Title of the invention : DERIVATIVES OF N-[PHENYL(PYROLIDINE-2-YL)METHYL]BENZAMIDE AND N-[(AZEPAN-2-YL)PHENYLMETHYL]BENZAMIDE, PREPARATION METHOD THEREOF AND APPLICATION OF SAME IN THERAPEUTICS

(51) International classification :C07D 207/09
 (31) Priority Document No :03/12,143
 (32) Priority Date :17/10/2003
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2004/002644
 Filing Date :15/10/2004
 (87) International Publication No :WO 2005/037785
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

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3)MEDAISKO FLORENCE

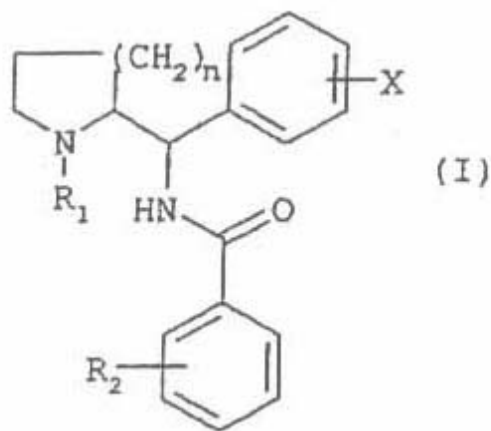
4)RAKOTOARISOA NATHALIE

No of Pages : 35

No of Claims : 11

(57) Abstract :

The invention relates to compounds having general formula (I), wherein: n represents the number 1 or 3; R₁ represents either H or a cycloalkyl, cycloalkylalkyl, phenylalkyl, alkenyl, alkynyl group; X represents either H or one or more substituents selected from among halogen atoms and the trifluoromethyl, alkyl and alkoxy groups; and R₂ represents H, or one or more substituents selected from among the halogen atoms and the trifluoromethyl, alkyl, alkoxy, cycloalkyl, phenyl, cyano, acetyl, benzoyl, S-alkyl, alkyl-sulfonyl, carboxy and alkoxy-carbonyl groups, or a group having the formula NR₃R₄, SO₂NR₃R₄ or CONR₃R₄, in which R₃ and R₄ each represent H or an alkyl or cycloalkyl group or, together with the nitrogen atom, form a pyrrolidine, piperidine or morpholine ring. The invention also relates to the use of said compounds in therapeutics. (57) Abrege ; Compose de formule generale (I), dans laquelle n represente le nombre 1 ou 3. R₁ represente soit H, soit un groupe cycloalkyle, cycloalkylalkyle, phenylalkyle, alkenyle, alcynyle, X represente soit H soit un ou plusieurs substituants choisis parmi les atomes d'halogenes et les groupes trifluoromethyle, alkyles et alcoxy, R₂ represente soit H, soit un ou plusieurs substituants choisis parmi les atomes d'halogenes, et les groupes trifluoromethyle, alkyles, alcoxy, cycloalkyles, phdnyle, cyano, acetyl, benzoyl, S-alkyles, alkyl-sulfonyles, carboxy et alcoxy-carbonyles, soit un groupe de formule NR₃R₄, SO₂NR₂R₄ ou CONR₃R₄, dans lesquelles R₃ et R₄ representent chacun H ou un groupe alkyle ou cycloalkyle, on fermet, avec l'atome d'azote, un cycle pyrrolidine, piperidine ou morpholine. Application en therapeutique.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.928/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "HIPPOPHAE RHAMNOIDES COMPOSITIONS FOR CANCER THERAPY"

(51) International classification	:A01N 65/00
(31) Priority Document No	:60/505,053
(32) Priority Date	:22/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/031986
Filing Date	:22/09/2004
(87) International Publication No	:WO 2005/029963
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)DAO, JAMES

2)DAO, TOM C., S.

3)TONG, DAVID,D.

No of Pages : 47

No of Claims : 14

(57)Abstract:

Methods and compositions for prevention and therapy of cancer using a therapeutically effective amount of an extract of Hippophae rhamnoides (sea buckthorn) leaves, berries, and seeds are provided. Novel uses of these compositions in different stages of cancer therapy are disclosed. Novel compositions comprising Hippophae rhamnoides extracts that preferentially inhibit COX-2 over COX-1 are provided. Compositions comprising therapeutically effective amounts of at least one chemotherapeutic agent in addition to Hippophae rhamnoides are provided.

(54) Title of the invention : AUTOMATICALLY RECONNECTING A CLIENT ACROSS RELIABLE AND PERSISTENT COMMUNICATION SESSIONS

(51) International classification	:H04L 29/08
(31) Priority Document No	:10/683,881
(32) Priority Date	:10/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/033333
Filing Date	:08/10/2004
(87) International Publication No	:WO 2005/036857
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

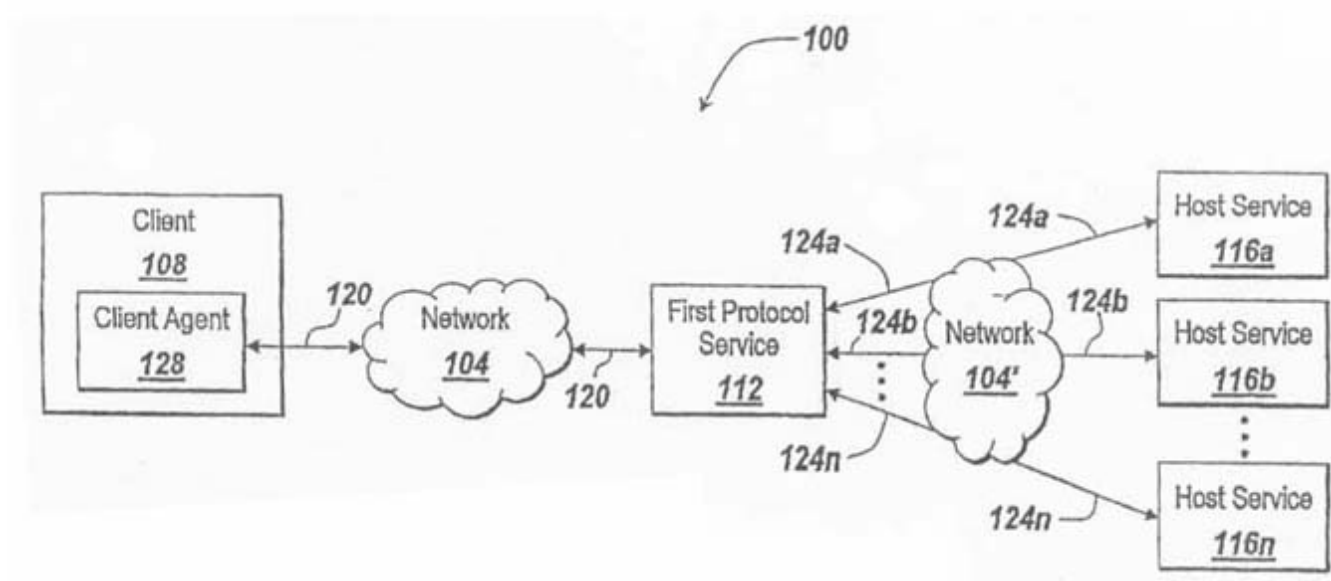
(71)Name of Applicant :
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2)KRAMER ANDRE
3)PEDERSEN BRADLEY JAY
4)STONE DAVID SEAN
5)TREDER TERRY

No of Pages : 86

No of Claims : 24

(57) Abstract :

The invention relates to methods and systems for reconnecting a client and providing user authentication across a reliable and persistent communication session. A first protocol that encapsulates a plurality of secondary protocols is used to communicate over a network. A first protocol service, using the first protocol, provides session persistence and a reliable connection between a client and a host service. When there is a disruption in the network connection between a client and a host service, the connection is reestablished and the user re-authenticated to the host service without the user re-entering his or her authentication credentials or without the user re-establishing the user session with the host service.



(54) Title of the invention : OPTICAL RECORDING MEDIUM

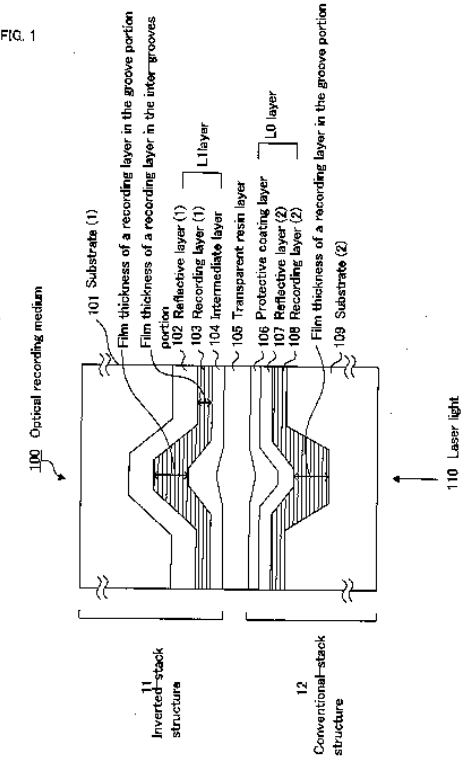
(51) International classification	:G11B7/24	(71)Name of Applicant :
(31) Priority Document No	:2004-199770	1)MITSUBISHI KAGAKU MEDIA CO., LTD.
(32) Priority Date	:06/07/2004	Address of Applicant :31-19, SHIBA 5-CHOME, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO 108-0014 Japan
(86) International Application No	:PCT/JP2005/012412	(72)Name of Inventor :
Filing Date	:05/07/2005	1)FUROMOTO SHIGEYUKI
(87) International Publication No	:WO 2006/004119	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 80

No of Claims : 14

(57) Abstract :

A two-layer type optical recording medium (100) which is formed by pasting, through a transparent resin layer (105), a disk substrate (inverted laminate (11)) having a reflection layer (1) (102) and a recording layer (1) (103) layered on a substrate (1) (101) to a disk substrate (regular laminate (12)) having a recording layer (2) (108) and a reflection layer (2) (107) sequentially layered on a transparent substrate (2) (109), wherein a product (Ext) of modulus of elasticity (E) at 25±5æC and thickness (t) of the transparent resin layer (105) is regulated to within a range from 2.0×10⁴MPa·µm to 30.0×10⁴MPa·µm, whereby, when optical information is to be recorded on the recording layer (1) (103) of the inverted laminate (11), excessive deformation affecting adjacent track units is prevented, and cross-talk is reduced to provide good recording/reproducing characteristics in fast-recording applications.



(54) Title of the invention : "MEMORY AND POWER EFFICIENT MECHANISM FOR FAST TABLE LOOKUP"

(51) International classification :G06F12/00
 (31) Priority Document No :60/510,761
 (32) Priority Date :11/10/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/033802
 Filing Date :12/10/2004
 (87) International Publication No :WO 2005/038591
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SPANS LOGIC,INC.

Address of Applicant :12244, WINDSOR COURT, LOS ALTOS HILLS, CA 94022 U.S.A.

(72)Name of Inventor :

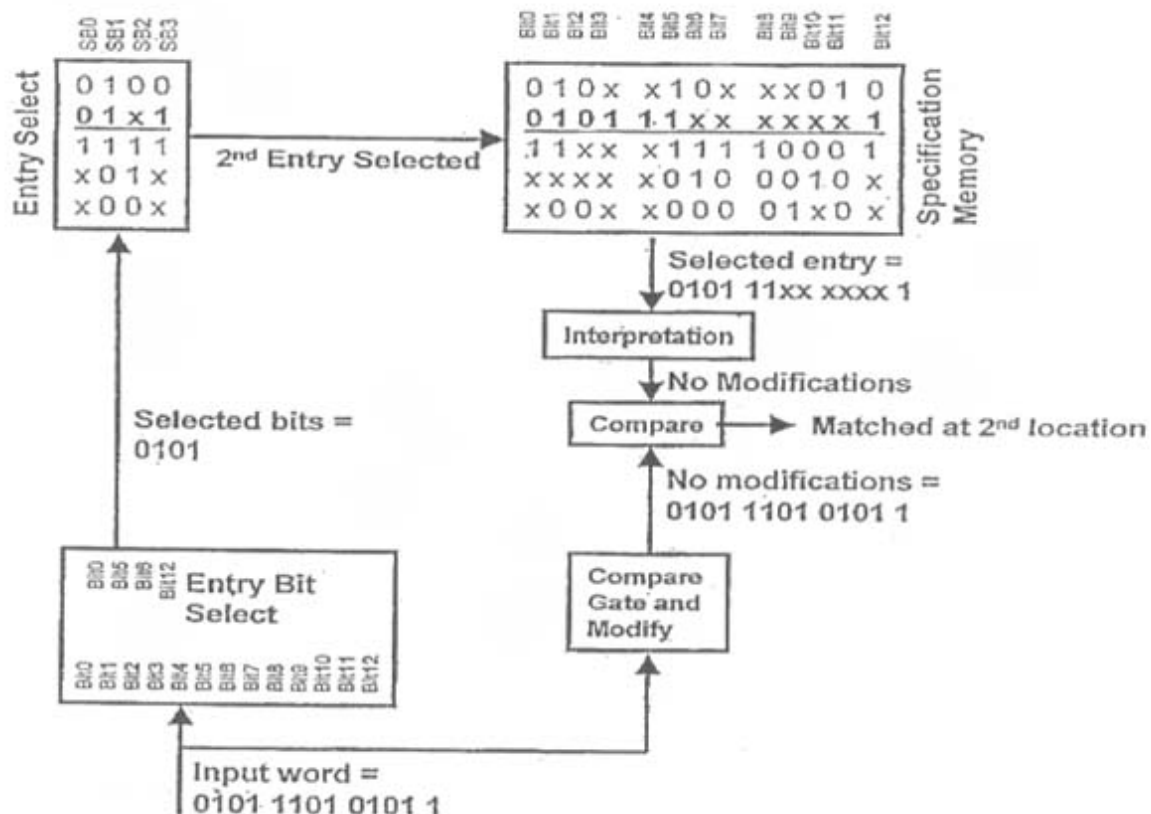
1)SOMASUNDARAM, MADIAN

No of Pages : 38

No of Claims : 1

(57) Abstract :

A method of implementing classification CAM functionality using primarily RAM cells is disclosed. The method offers significantly more table entries in a given area, or significantly less area for a given table size than conventional ternary CAMs. The method is much more power-efficient, cheaper, and offers a greater range of features than conventional CAMs.



(54) Title of the invention : DERIVATIVES OF N-[HETEROARYL(PIPERIDINE-2-YL)METHYL]BENZAMIDE, PREPARATION METHOD THEREOF AND APPLICATION OF SAME IN THERAPEUTICS

(51) International classification :C07D 401/06
 (31) Priority Document No :0312142
 (32) Priority Date :17/10/2003
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2004/002641
 Filing Date :15/10/2004
 (87) International Publication No :WO 2005/037781
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

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(72)Name of Inventor :

1)DARGAZANLI GIHAD

2)ESTENNE-BOUHTOU GENEVIEVE

3)MEDAISKO FLORENCE

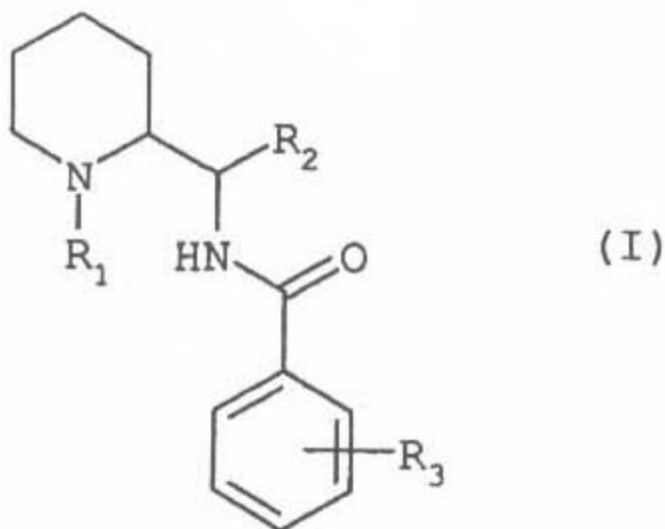
4)RENONES MARIA-CARMEN

No of Pages : 24

No of Claims : 5

(57) Abstract :

The invention relates to compounds having general formula (I), wherein: R1 represents H or an alkyl, cycloalkyl, cycloalkyl-lalkyl, phenylalkyl, alkenyl, alkynyl group; R2 represents a pyridinyl, furanyl, thienyl, thiazolyl or oxazolyl group, said group being optionally substituted; and R3 represents H, one or more substituents selected from among the halogen atoms and the trifluoromethyl, alkyl, cycloalkyl, alkoxy, phenyl, cyano, acetyl, benzoyl, thioalkyl, alkylsulfonyl, carboxy or alcoxycarbonyl groups, or a group having general formula NR4R5 or SO2NR4R5 in which R4 and R5 each represent H or an alkyl group or, together with the nitrogen atom bearing same, form a pyrrolidine, piperidine or morpholine ring, said compound taking the form of a base, an acid addition salt, a hydrate or a solvate. The invention also relates to the use of the compound in therapeutics.



(54) Title of the invention : BACTERICIDE COMPOSITION AND METHOD OF CONTROLLING PLANT DISEASE

(51) International classification :A01N35/04
 (31) Priority Document No :2003-371863
 (32) Priority Date :31/10/2003
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2004/016156
 Filing Date :29/10/2004
 (87) International Publication No :WO 2005/041663
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :3-15, EDOBORI 1-CHOME, NISHI-KU, OSAKA-SHI, OSAKA 5500002 Japan

(72)Name of Inventor :

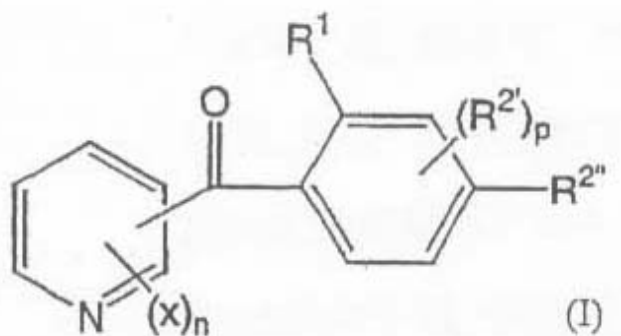
1)NISHIDE HISAYA**2)NISHIMURA SHIGEYUKI****3)MITANI SHIGERU****4)MINAMIDA KOJI****5)KANAMORI FUMIO****6)OGAWA MUNEKAZU****7)KANBAYASHI SHIGEHISA****8)TANIMURA TOYOSHI****9)HIGUCHI KOJI****10)KOMINAMI HIDEMASA****11)OKOMOTO TOMOHIRO****12)NISHIMURA AKIHIRO**

No of Pages : 104

No of Claims : 11

(57) Abstract :

It is to provide a fungicidal composition having stable and high fungicidal effects against cultivated crops infected with plant diseases resulting from plant diseases. A fungicidal composition containing as active ingredients (a) a benzoylpyridine derivative represented by the formula (I) or its salt: (wherein X is a halogen atom, a nitro group, a substitutable hydrocarbon group, a substitutable alkoxy group, a substitutable aryloxy group, a substitutable cycloalkoxy group, a hydroxyl group, a substitutable alkylthio group, a cyano group, a carboxyl group which may be esterified or amidated, or a substitutable amino group, n is 1, 2, 3 or 4; R¹ is a substitutable alkyl group, R₂ is a substitutable alkyl group, a substitutable alkoxy group, a substitutable aryloxy group, a substitutable cycloalkoxy group or a hydroxyl group, p is 1, 2 or 3, and R^{2''} is a substitutable alkoxy group or a hydroxyl group, provided that at least two of R^{2'} and R₂ may form a condensed ring containing an oxygen atom) and (b) at least one another fungicide.



(54) Title of the invention : "DERIVATIVES OF N'-PHENYL(PIPERIDINE-2-YL) METHYL BENZAMIDE, PREPARATION METHOD THEREOF AND APPLICATIONS OF SAME IN THERAPEUTICS"

(51) International classification :A61K 31/445
 (31) Priority Document No :0312140
 (32) Priority Date :17/10/2003
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2004/002640
 Filing Date :15/10/2004
 (87) International Publication No :WO 2005/037792
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

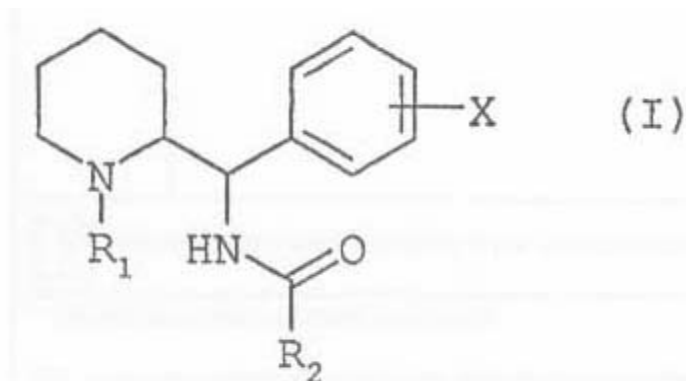
(71)Name of Applicant :
1)SANOVI-AVENTIS
 Address of Applicant :174, AVENUE DE FRANCE, F-75013, PARIS France
 (72)Name of Inventor :
1)DARGAZANLI GIHAD
2)ESTENNE-BOUHTOU GENEVIEVE
3)MAGAT PASCALE

No of Pages : 27

No of Claims : 5

(57) Abstract :

The invention relates to a compound having general formula (I), wherein: R1 represents either a hydrogen atom or an alkyl, cycloalkylalkyl, phenylalkyl, alkenyl, alkynyl group; X represents a hydrogen atom or one or more substituents selected from among halogen atoms and the trifluoromethyl, alkyl and alkoxy groups; and R2 represents a group selected from among the naphthalenyl, pyridinyl, pyrimidinyl, pyrazinyl, pyridazinyl, triazinyl, indanyl, indenyl, quinolinyl, isoquinolinyl, quinazolinyl, quinoxalinyl, phthalazinyl, thienyl, furyl, pyrrolyl, imidazolyl, pyrazolyl, oxazolyl, thiazolyl, isoxazolyl, isothiazolyl, thiadiazolyl, oxadiazolyl, triazolyl, benzothienyl, benzofuryl, benzimidazolyl, benzothiazolyl, indolyl, isoindolyl, indazolyl, benzoxazolyl, benzisoxazolyl, benzotriazolyl, benzisothiazolyl, dihydroindolyl, pyrrolopyridinyl, furopyridinyl, thienopyridinyl, imidazopyridinyl, oxazolopyridinyl, thiazolopyridinyl, pyrazolopyridinyl, isoxazolopyridinyl, isothiazolopyridinyl, tetrahydroquinolinyl, tetrahydroisoquinolinyl groups. The invention also relates to the use of said compound in therapeutics.



(12) PATENT APPLICATION PUBLICATION		(21) Application No.935/KOLNP/2006 A	
(19) INDIA			
(22) Date of filing of Application :13/04/2006		(43) Publication Date : 20/04/2007	
(54) Title of the invention : "COMPOSITIONS USEFUL AS INHIBITORS OF PROTEIN KINASES"			
(51) International classification :A61K 31/496		(71) Name of Applicant :	
(31) Priority Document No :60/510,811		1)VERTEX PHARMACEUTICALS INCORPORATED	
(32) Priority Date :14/10/2003		Address of Applicant :130 WAVERLY STREET, CAMBRIDGE,	
(33) Name of priority country :U.S.A.		MA 02139 U.S.A.	
(86) International Application No :PCT/US2004/033749		(72) Name of Inventor :	
Filing Date :14/10/2004		1)JIMENEZ JUAN-MIGUEL	
(87) International Publication No :WO/2005/037843		2)GREEN JEREMY	
(61) Patent of Addition to Application Number :NA		3)GAO HUAI	
Filing Date :NA		4)MOON YOUNG-CHOON	
(62) Divisional to to Application Number :NA		5)BRENCHLEY GUY	
Filing Date :NA		6)KNEGTEL RONALD	
		7)PIERARD FRANCOISE	

No of Pages : 245

No of Claims : 102

(57) Abstract :

The present invention relates to compounds useful as inhibitors of protein kinases. The invention also provides processes for preparing the compounds, pharmaceutically acceptable compositions comprising the compounds, and methods of using the compounds and compositions in the treatment of various disease, conditions, or disorders.

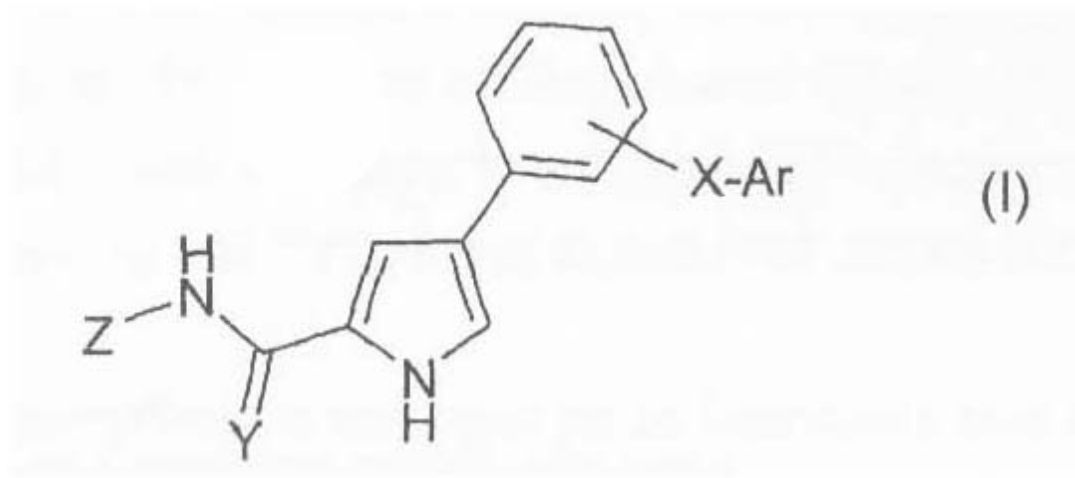
(54) Title of the invention : PYRROLE DERIVATIVES

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date :C07D207/00 :10354060.1 :19/11/2003 :Germany :PCT/EP2004/012076 :26/10/2004 :WO 2005/049603 :NA :NA :NA :NA	(71)Name of Applicant : 1)MERCK PATENT GMBH Address of Applicant :Frankfurter Strasse 250 64293 Darmstadt, Germany (72)Name of Inventor : 1)FINSINGER, DIRK 2)BUCHSTALLER, HANS-PETER 3)BURGDORF, LARS 4)WIESNER, MATTHIAS 5)AMENDT, CHRISTIANE 6)GRELL, MATTHIAS 7)SIRRENBURG, CHRISTIAN 8)ZENKE, FRANK

No of Pages : 74

No of Claims : 27

(57) Abstract :
Compounds of the formula (I), in which X, Y, Z and Ar have the meanings indicated in Claim 1, are inhibitors of Raf kinase and can be employed, inter alia, for the treatment of tumours.



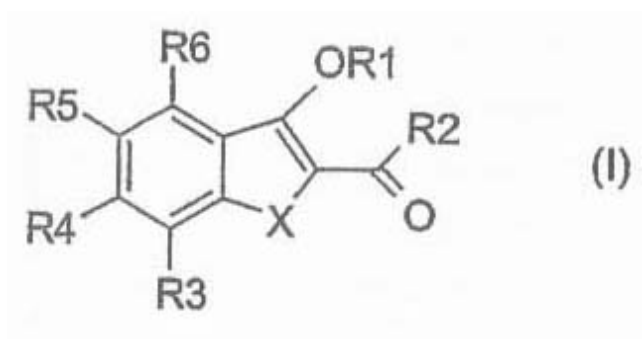
(54) Title of the invention : ANTIDIABETIC COMPOUNDS COMPRISING BENZOFURAN AND BENZOTHIOPHENE DERIVATIVES

(51) International classification	:A61K 31/343	(71)Name of Applicant :
(31) Priority Document No	:0313612	1)MERCK PATENT GMBH
(32) Priority Date	:20/11/2003	Address of Applicant :Frankfurter Strasse 250 64293 Darmstadt,
(33) Name of priority country	:France	Germany
(86) International Application No	:PCT/EP2004/012075	(72)Name of Inventor :
Filing Date	:26/10/2004	1)MOINET, GERARD,
(87) International Publication No	:WO 2005/054225	2)LERICHE, CAROLINE,
(61) Patent of Addition to Application Number	:NA	3)KERGOAT, MICHELINE,
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 48

No of Claims : 28

(57) Abstract :
The invention relates to compounds of the general formula (I) in which R1, R2, R3, R4, R5, R6 and X are as defined in Claim 1. These compounds can be used in the treatment of pathologies associated with insulin resistance syndrome.



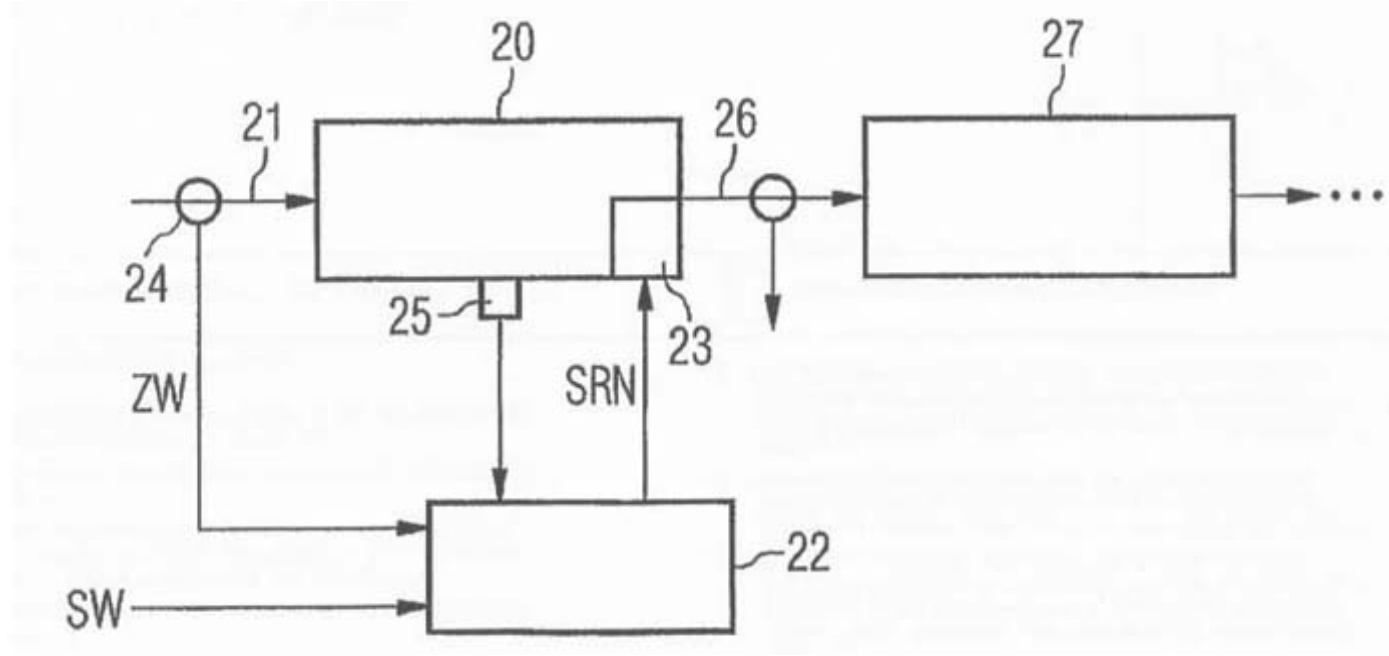
(54) Title of the invention : METHOD FOR REGULATING WHITENESS FOR REMOVAL OF PRINTING INK IN DEINKING INSTALLATIONS AND A DEINKING INSTALLATION COMPRISING A FLOATATION CELL FOR REMOVAL OF PRINTING INK

(51) International classification	:B03B 13/02	(71)Name of Applicant :
(31) Priority Document No	:103 50 073.1	1)Siemens Aktiengesellschaft
(32) Priority Date	:27/10/2003	Address of Applicant :Wittelsbacherplatz 2, 80333 Munchen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2004/012141	(72)Name of Inventor :
Filing Date	:27/10/2004	1)Markus Dinkel
(87) International Publication No	:WO 2005/042831	2)Reinhold Gotz
(61) Patent of Addition to Application Number	:NA	3)Rainer Palm
Filing Date	:NA	4)Thomas Runkler
(62) Divisional to to Application Number	:NA	5)Thomas Schmidt
Filing Date	:NA	6)Klaus Villforth

No of Pages : 30

No of Claims : 14

(57) Abstract :
The invention relates to a method for regulating whiteness for removal of printing ink in deinking installations, whereby printing ink particles in a fiber suspension are removed in a flotation cell (20) by means of gas bubbles. Said removal is carried out by removing the foam produced in a foam gutter (11), the amount of foam removed being adjusted. The method comprises the steps of measuring (24) a feed whiteness (ZW) of the fiber suspension added; determining an adjustable variable (SRN) as a function of the feed whiteness (ZW) and a predetermined desired value (SW) for an acceptor whiteness of the removed fiber suspension (26); adjusting the quantity of the removed foam subject to the adjustable variable (SRN).



(54) Title of the invention : METHOD FOR FERMENTATION AND CULTIVATION, FERMENTED PLANT EXTRACT, FERMENTED PLANT EXTRACT POWDER, AND COMPOSITION CONTAINING THE EXTRACT OF FERMENTED PLANT

(51) International classification :C12F
 (31) Priority Document No :2003-336555
 (32) Priority Date :26/09/2003
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2004/013812
 Filing Date :22/09/2004
 (87) International Publication No :WO 2005/030938
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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1)GEN-ICHIRO SOMA

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4)TAKASHI NISHIZAWA

5)YUKINORI TAKAHASHI

No of Pages : 77

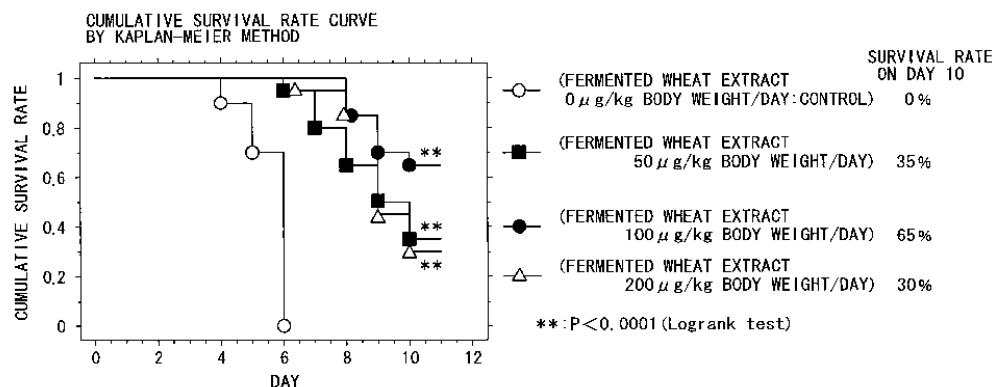
No of Claims : 29

(57) Abstract :

For the purpose of providing a method of safely and inexpensively producing a fermented plant extract containing an immunopotentiator at a high concentration, the method for fermentation and culture of the present invention ferments a plant component such as wheat flour using *Pantoea agglomerans* which is a gram negative bacterium which lives in a symbiotic relationship with a plant such as wheat and apple. It becomes possible to remarkably augment an immunopotentiation action which the plant has. In addition, these are not contaminated with impurities derived from animal components, and thus these are highly safe.

FIG. 1

INHIBITORY EFFECT OF FEEDSTUFF CONTAINING FERMENTED WHEAT EXTRACT ON KOI HERPES INCIDENCE



(54) Title of the invention : FUSED HETEROCYCLIC COMPOUNDS

		(71)Name of Applicant :
		1)JANSSEN PHARMACEUTICA, N.V.
		Address of Applicant :TURNHOUTSEWEG 30, BEERSE, B-2340, BELGIUM Belgium
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		3)XIAOHU DENG
		4)CURT A. DVORAK
		5)ANNETTE K. KWOK
		6)JIMMY T. LIANG
		7)NEELAKANDHA MANI
		8)DALE A. RUDOLPH
		9)VICTORIA D. WONG
(51) International classification	:A61K31/435; A61K31/55	
(31) Priority Document No	:60/504,528	
(32) Priority Date	:17/09/2003	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2004/030190	
Filing Date	:15/09/2004	
(87) International Publication No	:WO 2005/040169	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 324

No of Claims : 48

(57) Abstract :
Certain fused pyrrole- and pyrazole-containing heterocyclic compounds are serotonin modulators useful in the treatment of serotonin-mediated diseases.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.941/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TOPICAL TREATMENT OF SKIN INFECTION

(51) International classification	:A61K 33/32
(31) Priority Document No	:10/727,376
(32) Priority Date	:04/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/040038
Filing Date	:30/11/2004
(87) International Publication No	:WO 2005/055927
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CHIOU, WIN L

No of Pages : 13

No of Claims : 7

(57) Abstract :

The present invention describes an extremely effective, simple,novel, inexpensive, safe and quick method to treat both acne and warts, each with a different etiology and different clinical symptoms, by topically applying an effective and safe amount of one or more polyvalent method compounds. The present invention can also be used for prophylaxis of acne. The polyvalent metal compounds include, but are not limited to, bismuth compounds, zinc compounds, magnesium compounds, aluminium compounds, calcium compounds,copper compounds, titanium compounds, manganese compounds, chromium compounds, barium compounds selenium compounds and iron compounds. The present invention can also be applied to the treatment of rosacea. The present invention can also be employed to prevent scarring and to facilitate healing or elimination of the scars once formed, and to be useful in depigmentation. The present invention can also be used for the prophylaxis and treatment of periodontitis and tooth mobility, as well as for promoting healthy growth of oral mucous membranes and tissues.

(54) Title of the invention : A NOVEL COLOSTRAL FRACTIONATION PROCESS

(51) International classification :A61K 38/43
 (31) Priority Document No :60/516,674
 (32) Priority Date :03/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/036566
 Filing Date :03/11/2004
 (87) International Publication No :WO 2005/041680
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ADVANCED PROTEIN SYSTEMS

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(72)Name of Inventor :

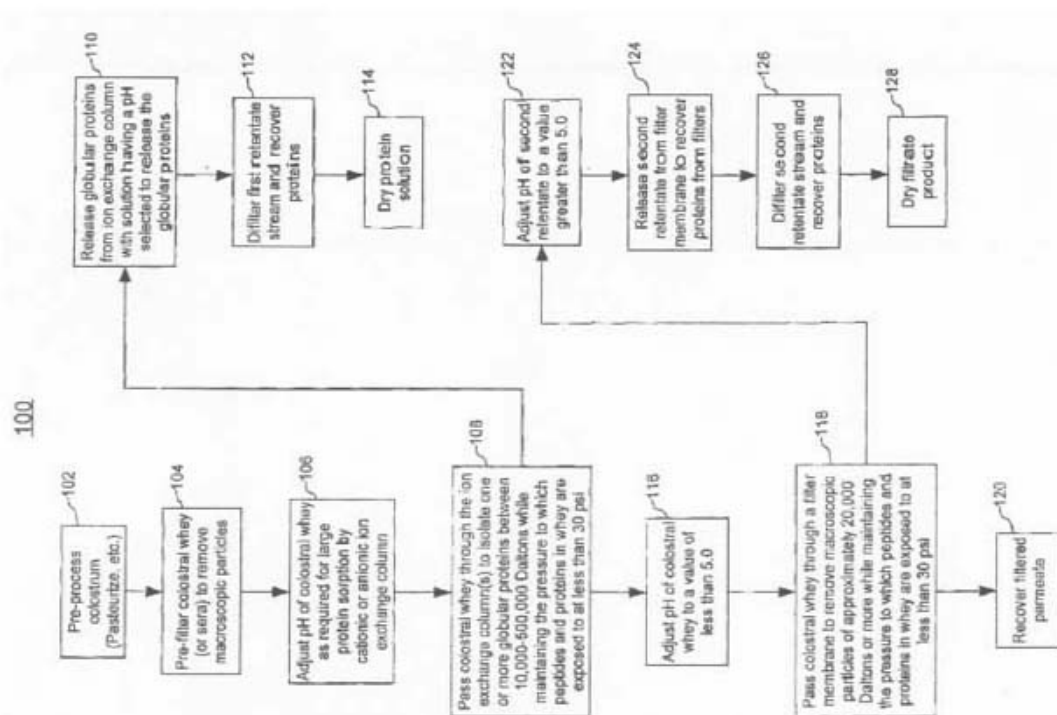
1)KEECH ANDREW**2)JIMENEZ-FLORES RAFAEL**

No of Pages : 30

No of Claims : 26

(57) Abstract :

A method (100) and a system (200) for processing mammalian bodily fluids to isolate target peptides and proteins. The method can include the steps of passing a mammalian bodily fluid through at least one ion exchange column (204). The ion exchange column can include an anionic resin and/or a cationic resin. The ion exchange column can be selected to remove large particles at a first pH level selected to remove such large particles at a maximum fluid pressure of 30 pounds per square inch (psi), for example less than 10 psi. The large particles can be released from the ion exchange column with a rinse solution having a pH selected for releasing the large particles. The pH of the fluid then can be adjusted to be a value less than 5.0, and the fluid can be filtered with a microfilter or ultrafilter (210).



(54) Title of the invention : DEVICE FOR ADJUSTING THE IMPEDANCE OF A HIGH VOLTAGE LINE SUPPLYING AN ALTERNATING CURRENT

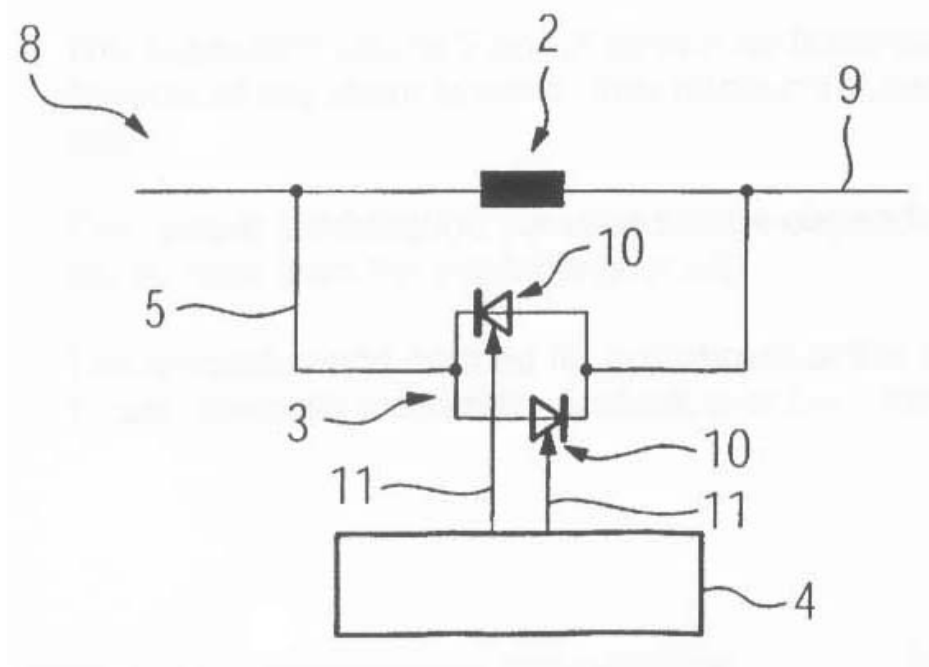
(51) International classification	:G05F 1/455	(71)Name of Applicant :
(31) Priority Document No	:103 45 020.3	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:23/09/2003	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:Germany	MUNCHEN. Germany
(86) International Application No	:PCT/DE2004/001972	(72)Name of Inventor :
Filing Date	:01/09/2004	1)WILFRIED BREUER
(87) International Publication No	:WO 2005/031487	2)MARCOS PEREIRA
(61) Patent of Addition to Application Number	:NA	3)KARDY SADEK
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 12

(57) Abstract :

According to the invention, a device (8),for adjusting the impedance of a high voltage line (9), supplying an alternating current, comprising at least one control coil (2), which may be inserted in series in the high voltage line (9) and at least one switching device (3, 10), provided for each control coil (2), may be prepared which is compact and economical and a control unit (4) for controlling each switching device (3,10) is also provided, such that the reactance of the control coil (2), acting in the device may be adjusted by the switching of the switching device (3, 10), whereby each switching device (3,10) is arranged parallel to the corresponding control coil (2) in a parallel branch (5).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.944/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : TRANSGENIC ANIMALS WITH SERIOUS DISORDERS RELATED TO ALZHEIMER'S DISEASE

(51) International classification	:A01K67/027; C07K14/47
(31) Priority Document No	:0311578
(32) Priority Date	:02/10/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2004/002436
Filing Date	:27/09/2004
(87) International Publication No	:WO 2005/032244
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AVENTIS PHARMA S.A.

Address of Applicant :20, AVENUE RAYMOND ARON F-92160 ANTONY France

(72)Name of Inventor :

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2)BENOIT PATRICK

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4)TREMP GUNTER

5)ITIER JEAN-MICHEL

6)BLANCHARD-BREGEON VERONIQUE

No of Pages : 48

No of Claims : 28

(57) Abstract :

The invention relates to non-human transgenic animals with serious disorders related to Alzheimer's disease. The animals can be used for the discovery of compounds for the treatment of Alzheimer's disease.

(54) Title of the invention : WIDE-AREA ELECTRICAL DEMAND AND SUPPLY MANAGEMENT

(51) International classification :G06F
 (31) Priority Document No :10/662,940
 (32) Priority Date :16/09/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/030063
 Filing Date :15/09/2004
 (87) International Publication No :WO 2005/029243
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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NEW YORK, NY 10012 U.S.A.

(72)Name of Inventor :

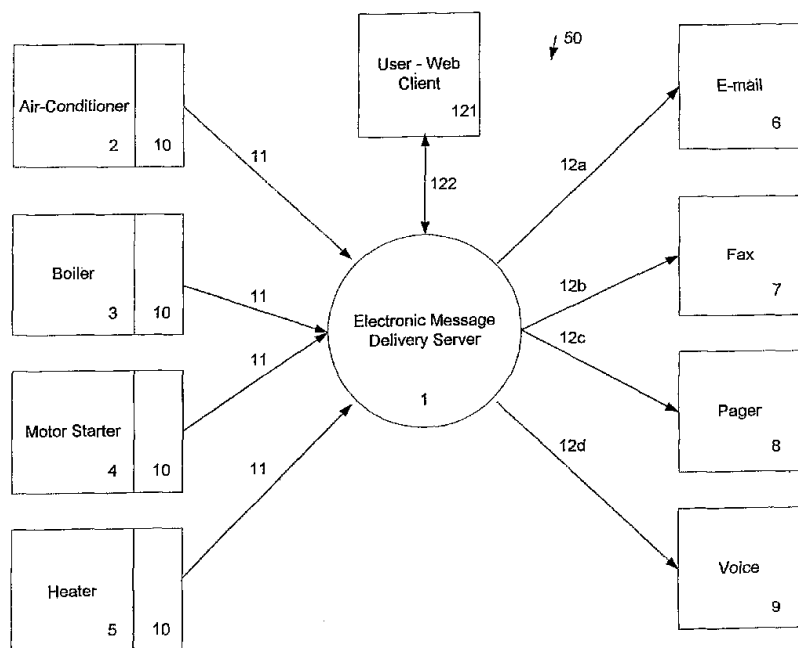
1)CHEN, KIMBALL, C.**2)EVANS, ALEXANDER, W.**

No of Pages : 98

No of Claims : 10

(57) Abstract :

A system and a method remotely monitors electrical and/or mechanical equipment where a user may interactively alter the operation of a piece of equipment remotely. As the operation of a device may be altered remotely, a corresponding resource-consumption amount may also be remotely controlled and adjusted. An embodiment of the present inventions is directed to remotely adjusting, or causing the remote adjustment, of the use, state, parameters or characteristics of a device, process or both, for reducing resource demand and/or adding to the resource supply. The remote adjustment may originate from a user associated with the devices, a supplier of a resource for operation of the devices, a utility industry participant, a third party, government entity, a trader or any other entity. The adjustment of resource-consumption may be based on a triggered event/condition, a predetermined schedule or other defined scheme.



(54) Title of the invention : DERIVATIVES OF N-[PHENYL(ALKYLPIPERIDINE-2-YL)METHYL]BENZAMIDE, PREPARATION METHOD THEREOF AND APPLICATION OF SAME IN THERAPEUTICS

(51) International classification :C07D 211/28
 (31) Priority Document No :0312141
 (32) Priority Date :17/10/2003
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2004/002642
 Filing Date :15/10/2004
 (87) International Publication No :WO 2005/037782
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

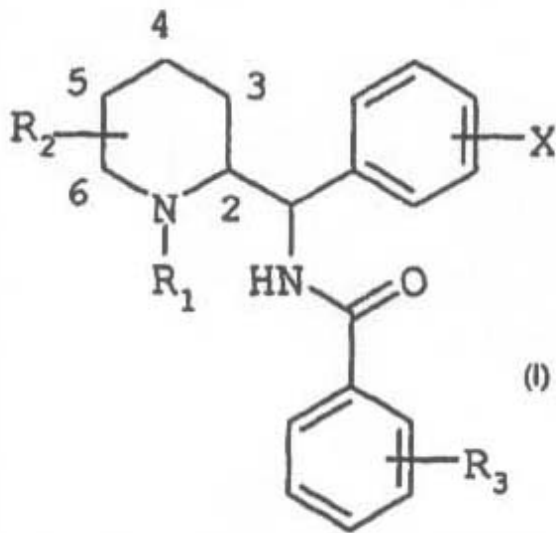
(71)Name of Applicant :
1)SANOFI-AVENTIS
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2)ESTENNE-BOUHTOU GENEVIEVE
3)VERONIQUE CORINNE

No of Pages : 32

No of Claims : 9

(57) Abstract :

The invention relates to compounds having general formula (I), wherein: R1 represents a hydrogen atom, an alkyl group, a cycloalkyl group, a cycloalkylalkyl group, a phenylalkyl group, an alkenyl group, or an alkynyl group; R2 represents an alkyl group, a cycloalkyl group, or a cycloalkylalkyl group; X represents a hydrogen atom or one or more halogen atoms and/or trifluoromethyl, alkyl or alkoxy groups; R3 represents a hydrogen atom, or one or more halogen atoms and/or trifluoromethyl, alkyl cycloalkyl, alkoxy, phenyl, cyano, acetyl, benzoyl, thioalkyl, alkylsulfonyl, carboxy or alkoxycarbonyl groups, or a group having formula NR4R5 or SO2NR4R5 or CONR4R5 in which R4 and R5 each represent a hydrogen atom or an alkyl or cycloalkyl group or NR4R5 represents a pyrrolidine, piperidine or morpholine ring. The invention also relates to the use of said compounds in therapeutics.



(54) Title of the invention : DISPOSABLE WEARING ARTICLE

(51) International classification

:A61F13/49;

A61F13/514

(31) Priority Document No

:2003-364338

(32) Priority Date

:24/10/2003

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2004/015404

Filing Date

:19/10/2004

(87) International Publication No

:WO 2005/039471

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

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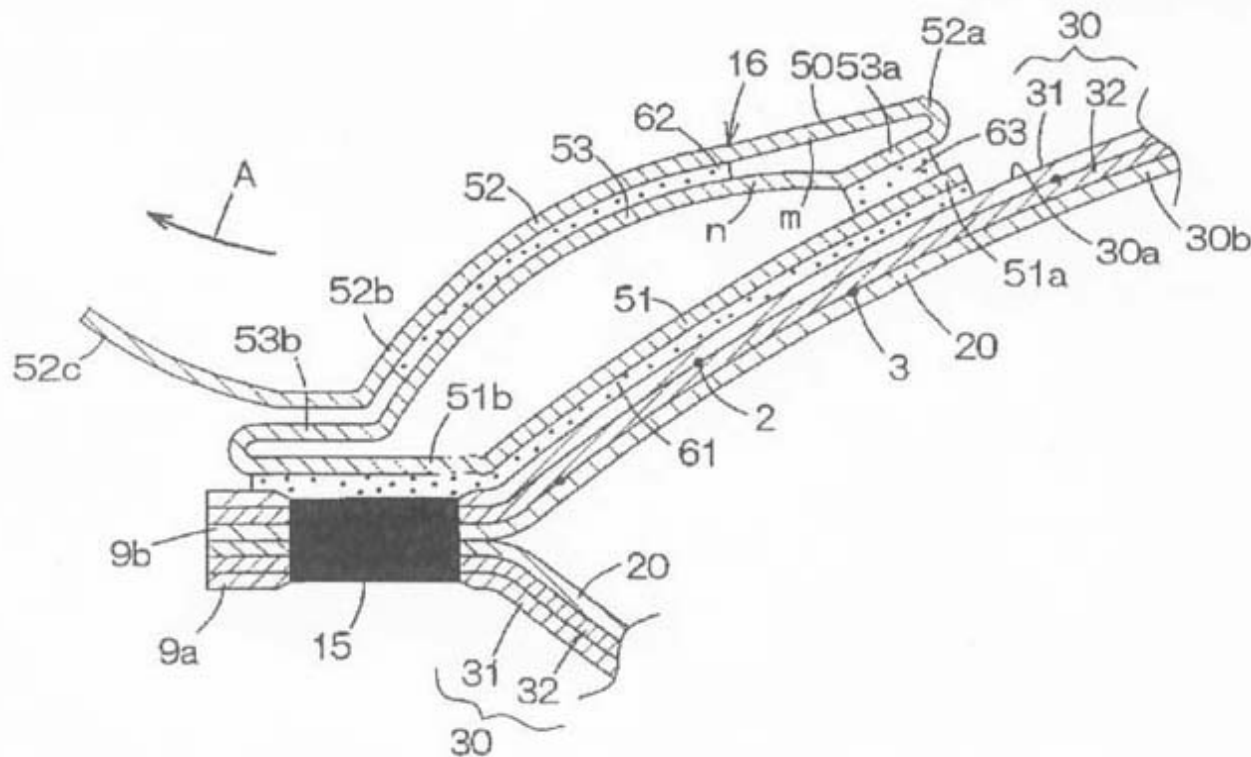
2) SATO, JUNKO

No of Pages : 29

No of Claims : 4

(57) Abstract :

The present invention aims to provide a disposable wearing article improved so that tape fasteners attached to the article can be reliably protected against falling off from the article. A disposable wearing article (1) has its outer surface formed from a nonwoven fabric of thermoplastic synthetic fibers. A tape strip (50) constituting each of the tape fasteners (16) is folded in Z- or inverted Z-shape and attached in such folded state to the outer surface of the wearing article (1) by means of first adhesive (61). As for a spot at which the tape strip (50) is attached to the outer surface of the wearing article (1), the nonwoven fabric at least partially presents a film-like outer surface.



(54) Title of the invention : "(((1H-INDOL-3YL) METHYLIDENE) AMINO)OXY)ACETIC ACID DERIVATIVES AND RELATED COMPOUNDS AS PAI-1 INHIBITORS FOR THE TREATMENT OF INPAIREMENT OF THE FIBRINOLYTIC SYSTEM AND OF THROMBOSIS"

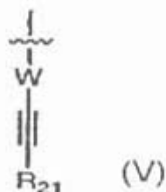
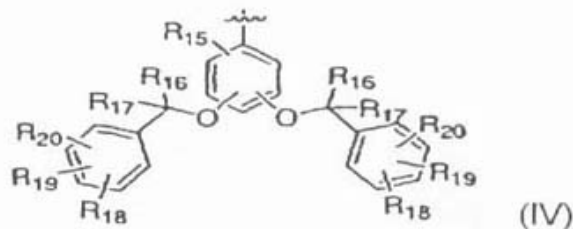
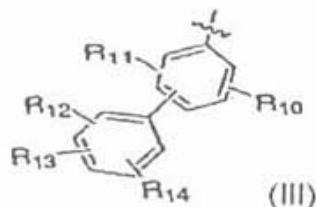
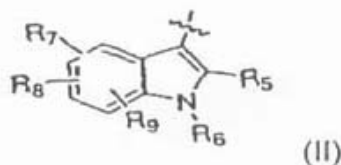
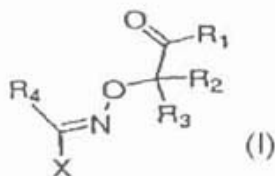
(51) International classification	:C07C 251/60	(71)Name of Applicant :
(31) Priority Document No	:60/505,913	1)WYETH
(32) Priority Date	:25/09/2003	Address of Applicant :FIVE GIRALDA FARMS, MADISON, NJ
(33) Name of priority country	:U.S.A.	07940 U.S.A.
(86) International Application No	:PCT/US2004/031327	(72)Name of Inventor :
Filing Date	:24/09/2004	1)GOPALSAMY, ARIAMALA
(87) International Publication No	:WO 2005/030191	2)KINCAID, SCOTT, LEE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 115

No of Claims : 33

(57) Abstract :

The present invention relates to indole oxime derivatives of formula (I) wherein: R1 is -OH, -OC1-C8 alkyl, or NH2; R2 and R3 are, independently, hydrogen, C1-C8 alkyl, -CH2-C3-C6 cycloalkyl, -CH2-pyridinyl, phenyl, or benzyl; R4 is hydrogen, C1-C8 alkyl, C3-C6 cycloalkyl, -CH2-C3-C6 cycloalkyl, phenyl, benzyl, heteroaryl, or -CH2-heteoraryl; X is: formula (II), (III), (IV) or (V).The other substituents are defined in claim 1. The present compounds are PAI-1 inhibitors for the treatment of e.g. impairment of the fibrinolytic system, thrombosis or cardiovascular diseases.



(54) Title of the invention : "PROTECTIVE COVER ASSEMBLY"

(51) International classification	:H05K5/03; H04M1/20	(71)Name of Applicant : 1)GORE ENTERPRISE HOLDINGS, INC. Address of Applicant :551, PAPERMILL ROAD, P.O.BOX 9206 NEWARK DE 19714 U.S.A.
(31) Priority Document No	:10/686,036	(72)Name of Inventor :
(32) Priority Date	:14/10/2003	1)BANTER, CHAD A.
(33) Name of priority country	:U.S.A.	2)REIS BRADLEY E.
(86) International Application No	:PCT/US2004/033907	
Filing Date	:14/10/2004	
(87) International Publication No	:WO 2005/039234	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33No of Claims : 41

(57) Abstract :
A protective cover assembly including a metal foil with perforations, and a treatment on one or more surfaces of said metal foil. The treatment is a hydrophobic or oleophobic treatment, or both. The protective cover assembly has an average specific acoustic resistance of less than about 11 Rayls MKS from 250-300 Hz, an average specific acoustic reactance magnitude of less than about 1 Rayls MKS from 250-300 Hz, and an instantaneous water entry pressure value of greater than about 11 cm. The perforations of the metal foil preferably have an average maximum pore size of less than about micrometers. The protective cover assembly further includes an adhesive mounting system, and the preferred metal foil is nickel.

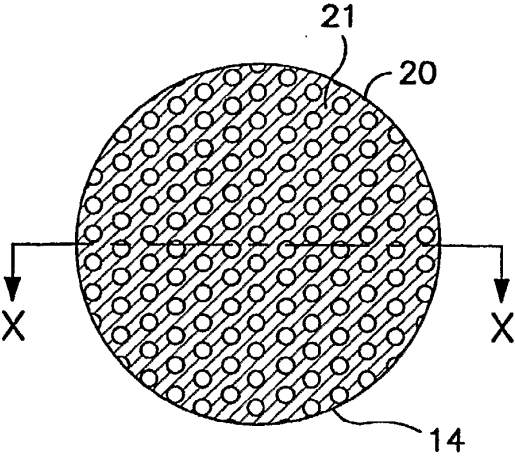


FIG. 1a

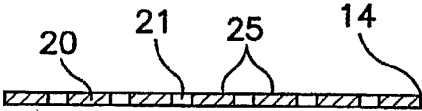


FIG. 1b

(12) PATENT APPLICATION PUBLICATION

(21) Application No.950/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : NOVEL LIQUID PREPARATION

(51) International classification	:A61K31/44
(31) Priority Document No	:2003-352491
(32) Priority Date	:10/10/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/014646
Filing Date	:05/10/2004
(87) International Publication No	:WO 2005/034913
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GOTO, NORIO

2)SHIBUSAWA, KOICHI

No of Pages : 23

No of Claims : 8

(57) Abstract :

A liquid preparation, composition which has excellent stability and suffers neither settling nor scale deposition even when stored for long. The liquid preparation composition is characterized by comprising a lipid-soluble substance, a sucrose/fatty acid ester, a polyoxyethylene/hardened castor oil, a polyglycerol/fatty acid ester, a polyhydric alcohol, and water. Preferred embodiments include: one in which the lipid-soluble substance is at least one member selected among vitamin E and analogues thereof; and one in which the content of the lipid-soluble substance is 3 to 15% by mass. Also provided are a medicine, cosmetic, and food or beverage which each is characterized by containing the liquid preparation composition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.951/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "6-[(SUBSTITUTED)PHENYL] TRIAZOLOPYRIMIDINES AS ANTICANCER AGENTS"

(51) International classification :C07D 487/04
(31) Priority Document No :60/505,544
(32) Priority Date :24/09/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/030515
Filing Date :17/09/2004
(87) International Publication No :WO 2005/030775
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)WYETH HOLDINGS CORPORATION
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(72)Name of Inventor :
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2)AYRAL-KALOUSTIAN SEMIRAMIS
3)NGUYEN, THAI, HIEP
4)WU, YANZHOUNG
5)TONG, WEI

No of Pages : 126

No of Claims : 32

(57) Abstract :

This invention relates to certain 6-[(substituted)phenyl]triazolopyrimidine compounds or pharmaceutically acceptable salts thereof, and compositions containing said compounds or pharmaceutically acceptable salts thereof, wherein said compounds are anti-cancer agents useful for the treatment of cancer in mammals. This invention further relates to a method of treating or inhibiting the growth of cancerous tumor cells and associated diseases in a mammal and further provides a method for the treatment or prevention of cancerous tumors that express multiple drug resistance (MDR) or are resistant because of MDR, in a mammal in need thereof which method comprises administering to said mammal an effective amount of said compounds or pharmaceutically acceptable salts thereof. The present invention relates to a method of treating or inhibiting the growth of cancerous tumor cells and associated diseases in a mammal in need thereof by promotion of microtubule polymerization which comprises administering to said mammal an effective amount of said compounds and pharmaceutically acceptable salts thereof.

(54) Title of the invention : PROCESS FOR PRODUCING OPTICAL RECORDING MEDIUM AND STAMPER CAPABLE OF LIGHT TRANSMISSION

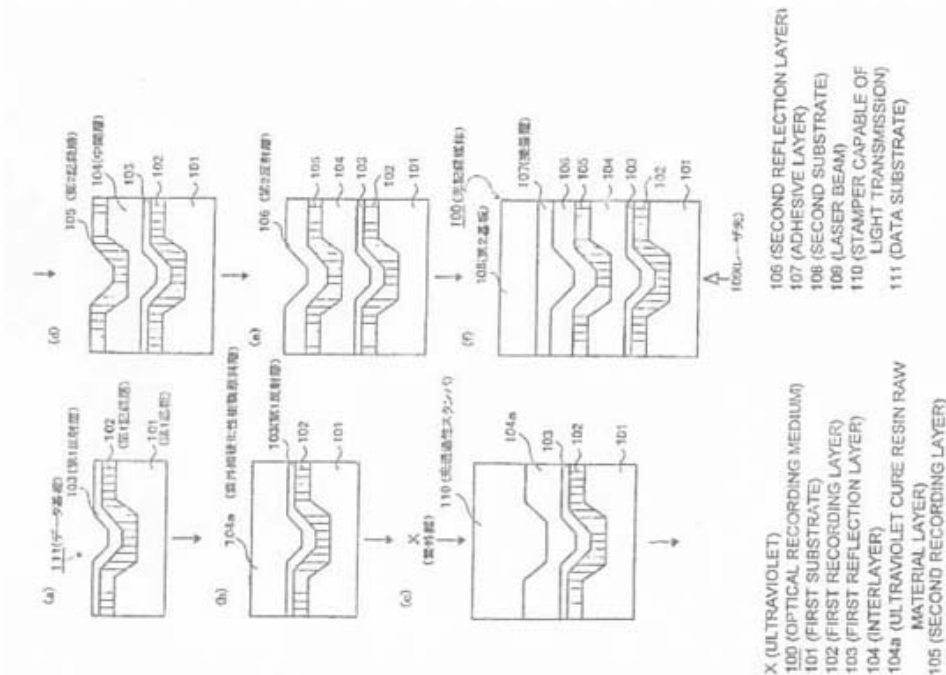
(51) International classification	:B29D11/00; G11B7/26	(71)Name of Applicant : 1)MITSUBISHI KAGAKU MEDIA CO., LTD. Address of Applicant :31-19 SHIBA 5-CHOME, MINATO-KU, TOKYO, 108-0014 Japan
(31) Priority Document No	:2003-382292	(72)Name of Inventor : 1)KIYONO, KENJIROU 2)TAKETOMI, TOMOYUKI
(32) Priority Date	:12/11/2003	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2004/016746	
Filing Date	:11/11/2004	
(87) International Publication No	:WO 2005/048253	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 75

No of Claims : 20

(57) Abstract :

A process for producing a laminate-type optical recording medium, in which a stamper capable of light transmission can be easily detached from a resin constituting an interlayer without application of excessive load in the production of an optical recording medium according to the 2P method to thereby enhance the production efficiency. There is provided a process for producing a laminate-type optical recording medium, comprising the steps of coating a recording layer containing organic dye superimposed on a polycarbonate substrate with a precursor of ultraviolet cure resin; superimposing thereon a stamper capable of light transmission with indented configuration and made of a nonpolar material polypropylene; curing the ultraviolet cure resin; and easily detaching the stamper capable of light transmission without application of excessive load to thereby transfer the indented configuration onto the resin layer.



(54) Title of the invention : ADJUSTABLY OPAQUE WINDOW

(51) International classification :G02B 27/00
 (31) Priority Document No :10/672,687
 (32) Priority Date :26/09/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/031170
 Filing Date :23/09/2004
 (87) International Publication No :WO 2005/031437
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

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Address of Applicant :2602 BASELINE ROAD,#136

BOULDER, CO 80305 U.S.A.

2)CLARK, NOEL**3)XUE, JIUZHI**

(72)Name of Inventor :

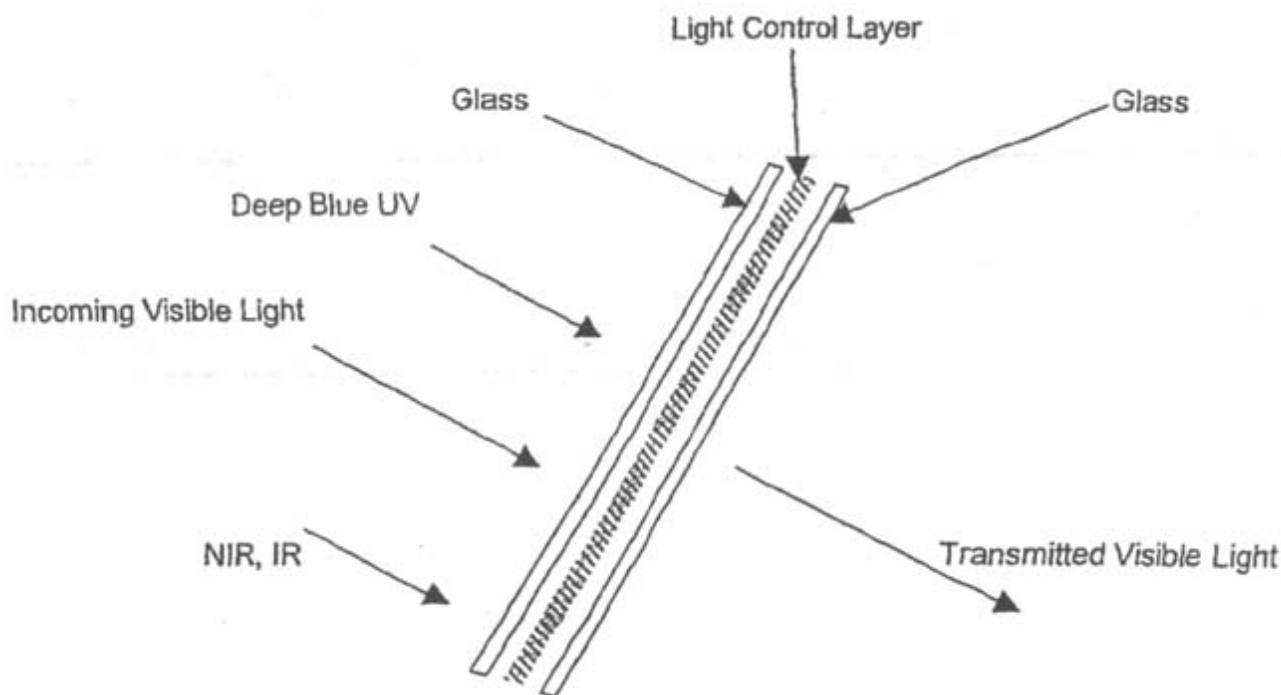
1)FERNANDO, PRIMAL**2)CLARK, NOEL****3)XUE, JIUZHI**

No of Pages : 43

No of Claims : 53

(57) Abstract :

An adjustably opaque window (50)including an external pane (52), an internal pane (54), a light transmission control layer (56) and a shock-absorbing layer (58) is provided. The external pane (52) and the internal pane (54) provide a cavity (60) between them, and the light transmission control layer and the shock-absorbing layer are positioned in the cavity. The shock-absorbing layer is a flexible sheet (62) that supports and protects the light transmission control layer. The light transmission layer consists of liquid crystal cells (66). The transmission ratio of the cell6; can be controlled variably.



(54) Title of the invention : "TONER FOR STATIC CHARGE IMAGE DEVELOPMENT, DEVELOPER, METHOD FOR FORMING IMAGE AND IMAGE FORMING APPARATUS"

(51) International classification :G03G9/08; G03G9/087; (31) Priority Document No :2003-351813 (32) Priority Date :10/10/2003 (33) Name of priority country :Japan (86) International Application No :PCT/JP2004/014924 Filing Date :08/10/2004 (87) International Publication No :WO 2005/043252 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)RICOH COMPANY, LTD Address of Applicant :3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO. Japan (72)Name of Inventor : 1)SUGIURA HIDEKI 2)MOCHIZUKI SATOSHI 3)IWAMOTO YASUAKI 4)ASAHINA YASUO 5)NAKAJIMA HISASHI 6)ICHIKAWA TOMOYUKI 7)NAKAYAMA SHINYA 8)ISHII MASAYUKI 9)UTSUMI TOMOKO 10)SAKATA KOICHI

No of Pages : 146

No of Claims : 16

(57) Abstract :

The object of the present invention is to provide a toner which has sufficiently high chargeability and less toner spent to a carrier or the like even when several tens of thousands of image sheets are output, is capable of keeping high-charge property and flowability without causing substantial background smear or toner fogging, excels in low-temperature fixing property and hot-offset property, and has a wide range of fixing temperature as well as to provide a developer, an image forming apparatus, a process cartridge, and an image forming method using the toner for developing electrostatic images. The toner of the present invention comprises a colorant, and a resin, and a fluoride compound, in which the fluoride compound exists on the surfaces of toner particles, and the atomic number ratio (F/C) of fluoride atoms to carbon atoms existing on the surfaces of the toner particles is 0.010 to 0.054. 139

(12) PATENT APPLICATION PUBLICATION

(21) Application No.955/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : "DEVICE FOR LOCKING AT LEAST ONE LOAD TO A CHASSIS PART OF A TRANSPORT MEANS"

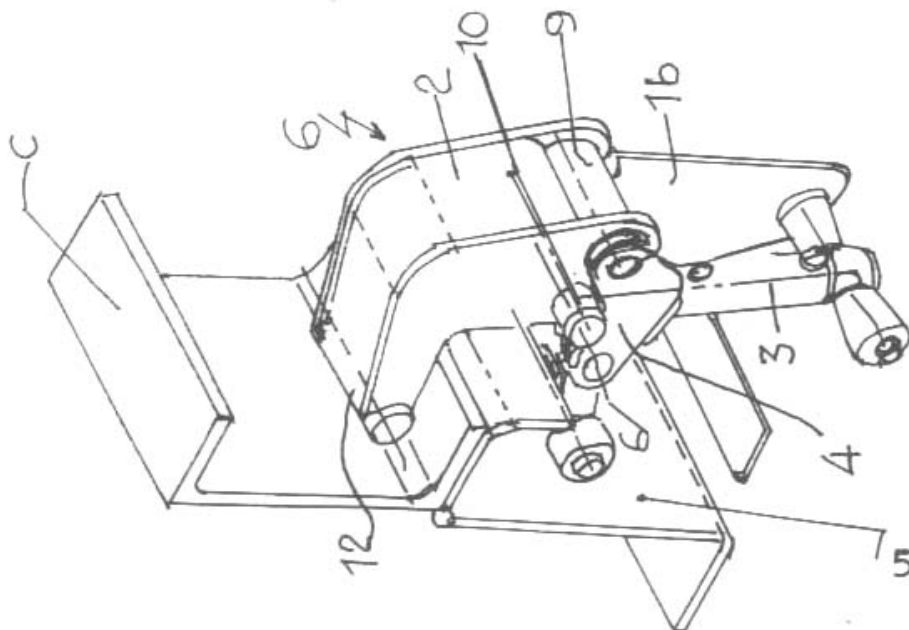
(51) International classification	:B60P1/64; B60P7/13	(71)Name of Applicant :
(31) Priority Document No	:0312201	1)PICOT D'ALIGNY D' ASSIGNIES JEAN
(32) Priority Date	:14/10/2003	Address of Applicant :5 Square de la Tour Maubourg, F-75007
(33) Name of priority country	:France	PARIS France
(86) International Application No	:PCT/FR2004/050488	(72)Name of Inventor :
Filing Date	:06/10/2004	1)ROCHER, ROBERT
(87) International Publication No	:WO/2005/035306	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 8

(57) Abstract :

The invention relates to a device for locking at least one load to a chassis part of a transport means. The invention is characterised in that the device comprises a body (1) which can be fixed to part of the chassis and which is equipped with an articulated clamping jaw (2). According to the invention, the clamping jaw (2) is pivotally controlled by a system of articulated connecting rods (4,5) acting as a knuckle joint and is fixed to a control member (3) which is supported by the body (1), such that the jaw (2) can be pivoted in an angular manner from an open position to a closed self-locking position with part of the load. In addition, the aforementioned knuckle joint is articulated to the jaw using a shaft (8) which is mounted in an elastic bearing (9). Fig:3



(12) PATENT APPLICATION PUBLICATION

(21) Application No.956/KOLNP/2006 A

(19) INDIA

(43) Publication Date : 20/04/2007

(22) Date of filing of Application :18/04/2006

(54) Title of the invention : 4-((PHENOXYALKYL)THIO)-PHENOXYACETIC ACIDS AND ANALOGS

(51) International classification

:C07C59/70;
A61P3/10

(31) Priority Document No

:60/504,146

(32) Priority Date

:19/09/2003

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2004/030375

Filing Date

:16/09/2004

(87) International Publication No

:WO 2005/042478

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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3)AIHUA WANG

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5)RUI ZHANG

6)ALAN R. DeANGELIS

No of Pages : 146

No of Claims : 95

(57) Abstract :

The invention features 4-((phenoxyalkyl)thio)-phenoxyacetic acids and analogs, compositions containing them, and methods of using them as PPAR delta modulators to treat or inhibit the progression of, for example, dyslipidemia.

(54) Title of the invention : COMPOSITIONS AND DOSAGE FORMS FOR ENHANCED ABSORPTION OF IRON

(51) International classification :A61K 9/00
 (31) Priority Document No :60/516,259
 (32) Priority Date :31/10/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US04/036043
 Filing Date :29/10/2004
 (87) International Publication No :WO/2005/041928
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :1900 Charleston Road, P.O.BOX 7210
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(72)Name of Inventor :

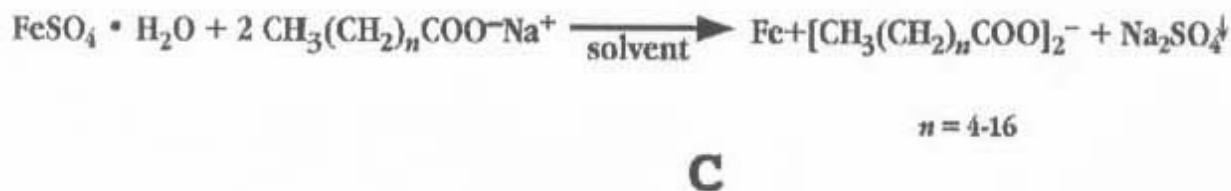
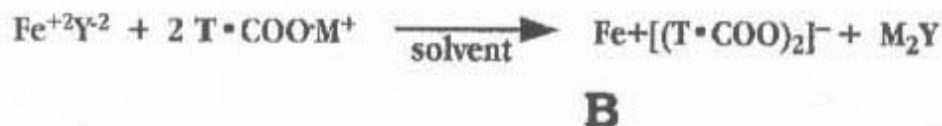
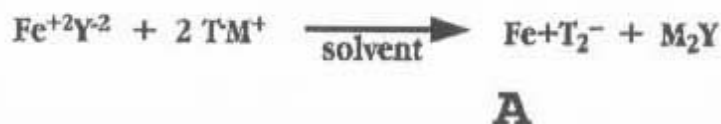
1)Patrick S.L. Wong**2)Mary Southam****3)Dong Yan****4)George V. Guittard**

No of Pages : 34

No of Claims : 34

(57) Abstract :

A complex comprised of iron and a transport moiety, such as a fatty acid, is described. The complex has an enhanced absorption in the gastrointestinal tract, particularly the lower gastrointestinal tract. The complex, and compositions and dosage forms prepared using the complex, provide for absorption by the body of iron through a period of ten to twenty-four hours, thus enabling a true one-daily dosage form for iron.



(12) PATENT APPLICATION PUBLICATION		(21) Application No.958/KOLNP/2006 A
(19) INDIA		
(22) Date of filing of Application :18/04/2006		(43) Publication Date : 20/04/2007
(54) Title of the invention : STYRENE COPOLYMER AND PROCESS FOR PRODUCING THE SAME		
(51) International classification :C08L9/00 (31) Priority Document No :2003-376923 (32) Priority Date :06/11/2003 (33) Name of priority country :Japan (86) International Application No :PCT/JP04/016432 Filing Date :05/11/2004 (87) International Publication No :WO/2005/044864 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA		(71)Name of Applicant : 1)Asahi Kasei Chemicals Corporation Address of Applicant :1-2 Yuraku-cho 1-chome, Chiyoda-ku, Tokyo, Japan (72)Name of Inventor : 1)Kenji EBARA

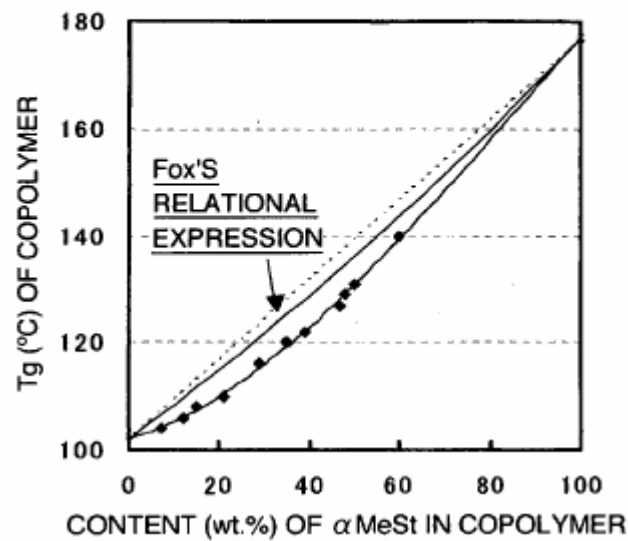
No of Pages : 123

No of Claims : 19

(57) Abstract :

A styrene resin excellent in heat resistance, weatherability, melt stability, and suitability for recycling. It is a styrene copolymer obtained by living polymerization (Mw/Mn = 1.6-4.0) which comprises isopropenylaromatic units (A) contained in an amount of 5 to 95 wt.% and vinylaromatic units, and has a glass transition temperature (Tg) which satisfies a specific relationship defined by the content of isopropenylaromatic units (A) in the copolymer.

FIG. 2



(54) Title of the invention : SHEET MATERIAL FOR SEAT

(51) International classification	:A47C7/00; A47C5/00
(31) Priority Document No	:2003-353632
(32) Priority Date	:14/10/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP04/015078
Filing Date	:13/10/2004
(87) International Publication No	:WO/2005/034684
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Asahi Kasei Fibers Corporation

Address of Applicant :2-6 Dojimahama 1-Chome, Kita-ku, Osaka-shi, Osaka Japan

(72)Name of Inventor :

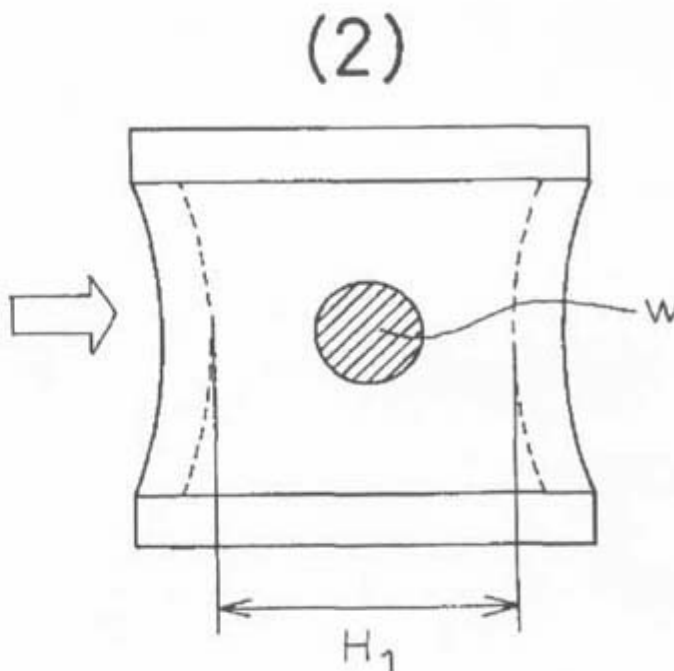
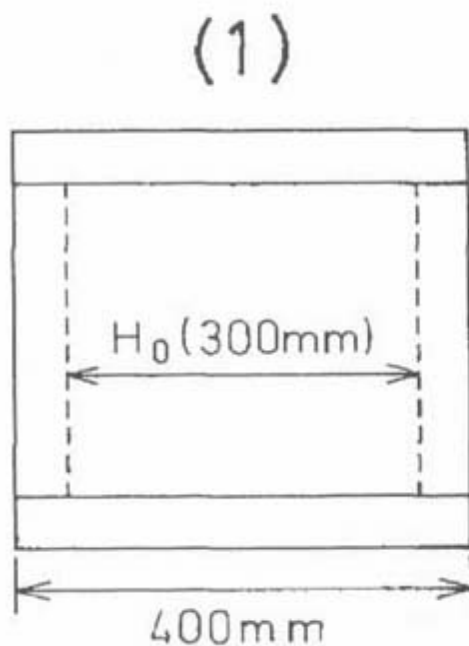
1)TANIGUCHI Yukihiro**2)YAMAZAKI Hiroshi**

No of Pages : 66

No of Claims : 15

(57) Abstract :

A sheet material for a seat characterized in that the stress at 5% elongation (A) is from 40 to 300 N/4 cm width wherein A is a larger value between a stress measured in the longitudinal direction and a stress measured in the lateral direction, that the ratio A/B is from 1.5 to 15.0 wherein B is the smaller value obtained in the above measurement, and that the reduction in width (H) is from 0 to 15% when the sheet material is fixed on a frame at the one end and the opposite end while stretched and pressured.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.960/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : SOLID FORMS OF ANTI-EGFR ANTIBODIES

(51) International classification	:C07K 16/28
(31) Priority Document No	:10355904.3
(32) Priority Date	:29/11/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/012837
Filing Date	:12/11/2004
(87) International Publication No	:WO 2005/051355
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MERCK PATENT GMBH

Address of Applicant :FRANKFURTER STRASSE 250, 64293

DARMSTADT Germany

(72)Name of Inventor :

1)MATHEUS SUSANNE

2)MAHLER HANNS-CHRISTIAN

No of Pages : 56

No of Claims : 18

(57) Abstract :

The invention relates to solid forms of antibodies against the EGF receptor, in particular precipitates and crystals of monoclonal antibodies against the EGF receptor, particularly preferably of Mab C225 (cetuximab) and Mab h425 (EMD 72000). Which result in biologically active antibody protein through dissolution or suspension in aqueous medium, obtainable by precipitation of the antibody and/or one of its variants and/or fragment dissolved or suspended in aqueous medium by means of a precipitation reagent. The invention furthermore relates to pharmaceutical preparations comprising at least one solid form of above-mentioned antibodies in precipitated non-crystalline, precipitated crystalline or in soluble or suspended form, and optionally excipients and/or adjuvants and/or further pharmaceutical active ingredients, and to a process for the preparation of solid forms of anti-EGFR antibodies according to the invention.

(54) Title of the invention : USE OF PENTADIENOIC ACID DERIVATIVES FOR THE TREATMENT OF HYPERURICEMIA

(51) International classification :A61K 31/35
 (31) Priority Document No :03292973.9
 (32) Priority Date :28/11/2003
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2004/012381
 Filing Date :02/11/2004
 (87) International Publication No :WO 2005/053676
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MERCK PATENT GMBH

Address of Applicant :FRANKFURTER STRASSE 250, 64293 DARMSTADT, Germany

(72)Name of Inventor :

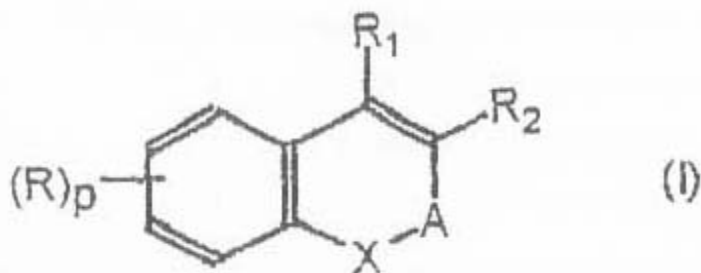
1)BOIZEL ROBERT**2)FOUQUERAY PASCALE****3)GUERRIER DANIEL****4)ZEILLER JEAN-JACQUES****5)BRUTZKUS BERTRAND**

No of Pages : 61

No of Claims : 33

(57) Abstract :

The use of a pentadienoic acid derivative of formula (I) for the preparation of a medicament for the prevention or treatment of hyperuricemia and/or one or several associated disorders or diseases, and/or for reducing the serum uric acid level of a subject. Medical compositions for these prevention and/or treatment comprising such a pentadienoic acid derivative.



(54) Title of the invention : NEEDLE ASPIRATION BIOPSY DEVICE AND METHOD

(51) International classification :A61B10/00;
 (31) Priority Document No :60/518,069
 (32) Priority Date :06/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/036913
 Filing Date :05/11/2004
 (87) International Publication No :WO/2005/046486
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SHIDHAM, Vinod, B.

Address of Applicant :14905 Watertown Plank Road, Elm Grove, WI 53122 U.S.A.

(72)Name of Inventor :

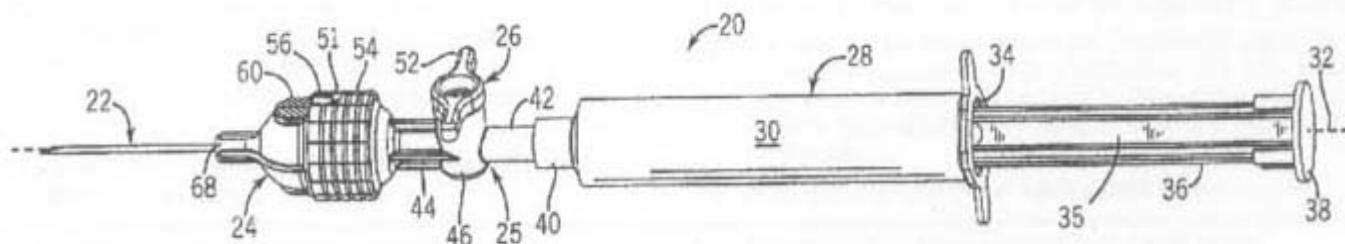
1)SHIDHAM, Vinod, B.**2)SHIDHAM, Anjani**

No of Pages : 25

No of Claims : 38

(57) Abstract :

A needle aspiration biopsy device (20) includes a syringe (28), a valve coupler (25) for controlling a vacuum in the syringe barrel (30), and an anti-reflux head. The head includes a hub (24), defining a large collection well (64) preferably several hundred micro litres in volume, and a needle (22) mounted to the hub (24). A passageway is defined either by a contoured needle or a straight needle and an internal channel in the hub wall such that a proximal end of the passageway extends inside the hub (24) and opens in spaced relation to a floor (66) of the collection well (64). A method of biopsy using the device is also disclosed. FIGURE 1



(54) Title of the invention : A PARALLELEPIPED TYPE CONDENSER MICROPHONE FOR SMD

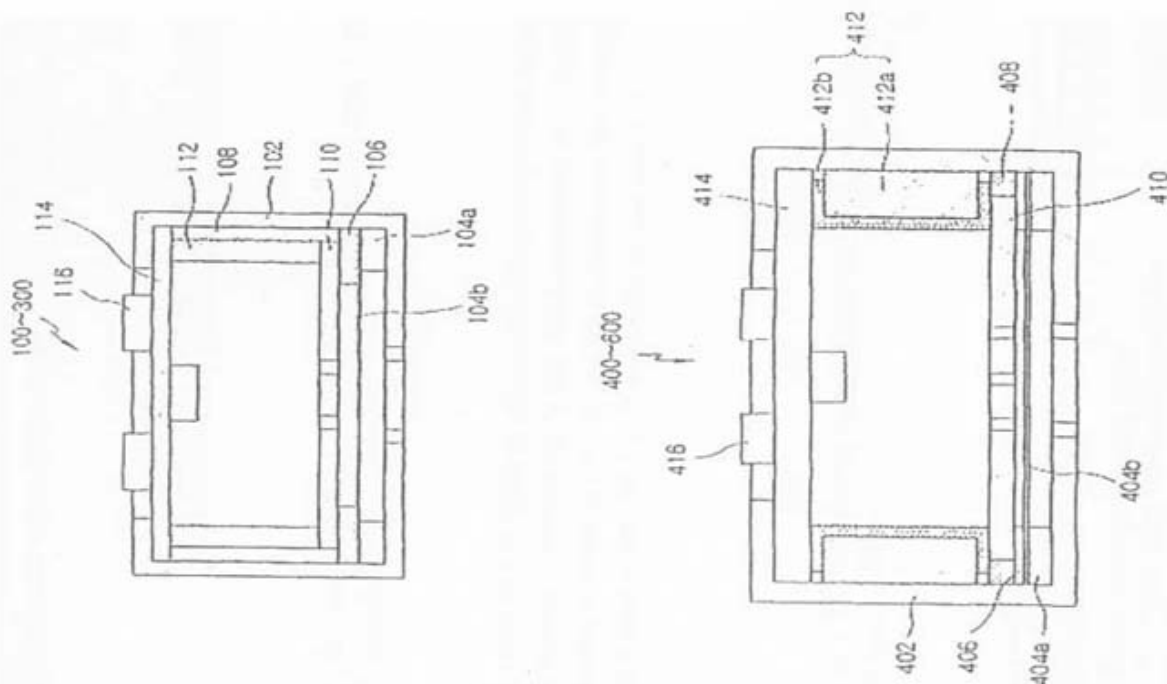
(51) International classification	:H04R19/01; H04R19/00	(71)Name of Applicant : 1)BSE CO., LTD.
(31) Priority Document No	:10-2004-0004251	Address of Applicant :4LOT, 58 BLOCK 626-3 GOJAN-DONG
(32) Priority Date	:20/01/2004	NAMDONG-GU, INCHEON-SI, 405-817 Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:PCT/KR2004/002527	1)SONG, CHUNG-DAM
Filing Date	:01/10/2004	
(87) International Publication No	:WO/2005/069682	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 11

(57) Abstract :

A condenser microphone having a shape of parallelepiped for easily confirming the direction of a component in the process of SMD even if the microphone has two or more electric connecting terminals is disclosed. The condenser microphone comprises a case; a diaphragm member; a thin spacer; a cylindrical insulating ring; a back plate; an annular conductive ring; and the PCB. According to the present invention, since the direction of a component can be confirmed during a process of a surface mounting device (SMD), terminal connections of the component can be easily adjusted. Accordingly, this can prevent connection surfaces of connection terminals of a main PCB and connection terminals of the condenser microphone from being deviated, and also decrease a failure of connection that may be resulted from change of connection or direction (polarity) of the connection terminals.



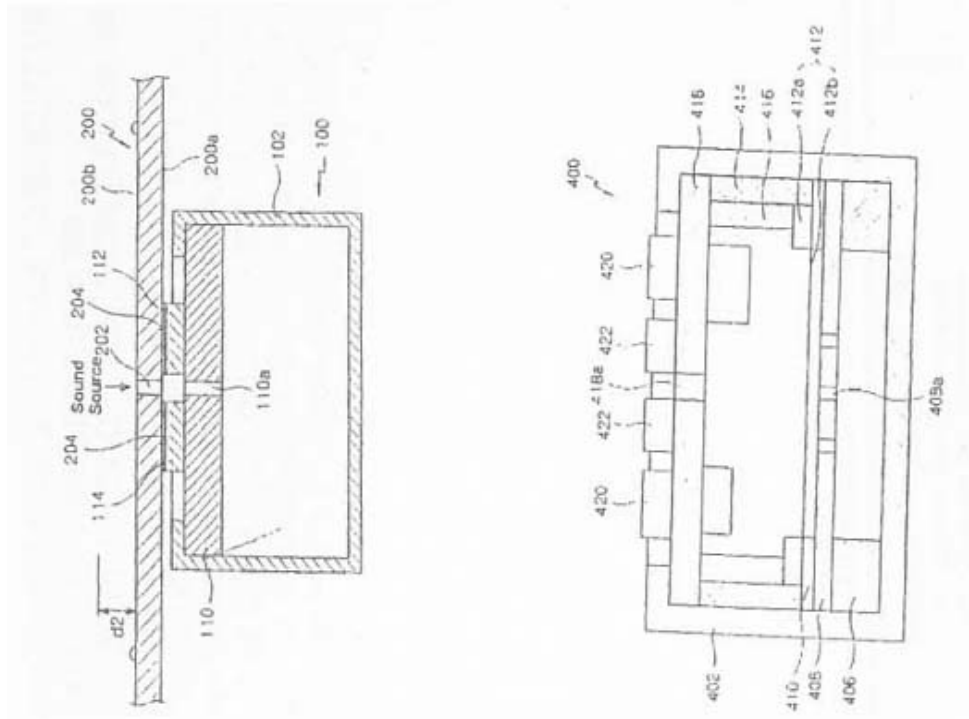
(51) International classification	:H04R19/04; H05K1/18	(71)Name of Applicant : 1)BSE CO., LTD. Address of Applicant :4LOT, 58 BLOCK, 626-3, GOJAN-DONG, NAMDONG-GU, INCHEON 405-817 Republic of Korea
(31) Priority Document No	:10-2004-0004250	(72)Name of Inventor :
(32) Priority Date	:20/01/2004	1)SONG CHUNG-DAM
(33) Name of priority country	:Republic of Korea	2)CHUNG EEK-JOO
(86) International Application No	:PCT/KR2004/002526	3)LIM JUN
Filing Date	:01/10/2004	4)PARK SUNG-HO
(87) International Publication No	:WO 2005/069681	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 3

(57) Abstract :

A condenser microphone mountable on a main PCB is disclosed. The condenser microphone of the present invention comprises a cylinder-shaped case having one side which is opened and the other side which is closed; a first metal ring inserted into the case for an electrical connection; a disk-shaped back plate having a sound hole to be connected electrically to the case through the first metal ring; a ring-shaped spacer, a cylinder-shaped insulating ring having an open top part and an open bottom part to provide an electrical insulation and a mechanical support; a diaphragm inserted into the insulating ring and facing to the back plate while interposing the spacer between the diaphragm and the back plate; a second metal ring for being connected electrically to the diaphragm and supporting mechanically the diaphragm; and a PCB that is mounted with electronic components and is formed with a sound hole, the PCB being connected to the back plate through the second metal ring and the case, the PCB including connection terminals connected to the outside. Accordingly, the condenser microphone maintains the sound quality in a good state since the sound wave transfer path is short even if the component mount region of the main PCB on which the condenser microphone is mounted is directed toward an inner side of the electronic product at need.

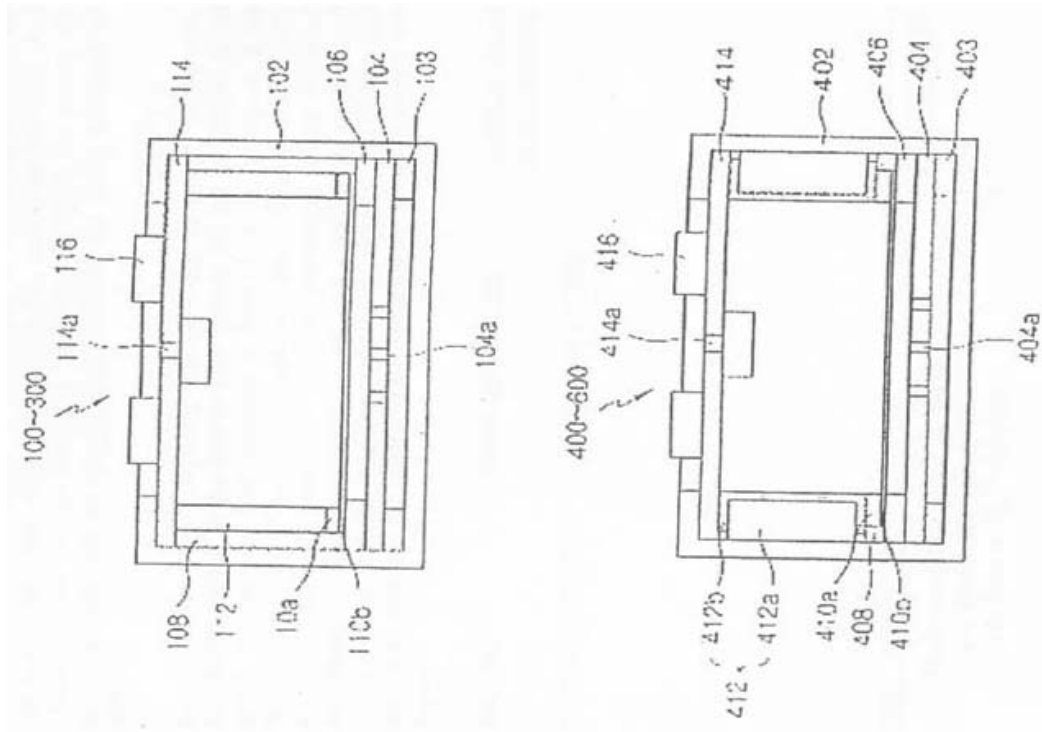


(54) Title of the invention : A PARALLELEPIPED TYPE DIRECTIONAL CONDENSER MICROPHONE

(51) International classification	:H04R1/02	(71)Name of Applicant :	
(31) Priority Document No	:10-2004-0012309	1)BSE CO., LTD.	
(32) Priority Date	:24/02/2004	Address of Applicant :4LOT, 58 BLOCK, 626-3, GOJAN-	
(33) Name of priority country	:Republic of Korea	DONG, NAMDONG-GU, INCHEON-SI 405-817, Republic of Korea	
(86) International Application No	:PCT/KR2004/002528	(72)Name of Inventor :	
Filing Date	:01/10/2004	1)SONG CHUNG-DAM	
(87) International Publication No	:WO 2005/081581		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

No of Pages : 25No of Claims : 9

(57) Abstract :
A parallelepiped type condenser microphone wherein a sound hole is formed on a surface of a PCB is disclosed. The condenser microphone comprises a case, a metal ring, a back plate, a thin spacer, a cylindrical insulating ring, a diaphragm member, an annular conductive ring, and a PCB. Here, the metal ring, the back plate, the spacer, the insulating ring, the diaphragm member, the conductive ring, and the PCB are sequentially arranged in the case and then the condenser microphone is assembled by curling an end of the case. Thus, because a direction of the components can be confirmed during a process of SMD, components can be easily engaged each other. Accordingly, this can prevent connection surfaces of connection terminals of a main PCB and connection terminals of the condenser microphone from being deviated, and also decrease a failure of connection that may be resulted from change of connection or direction (polarity) of the connection terminals.



(54) Title of the invention : "A SYSTEM AND METHOD OF PROVIDING PROOF OF DELIVERY"

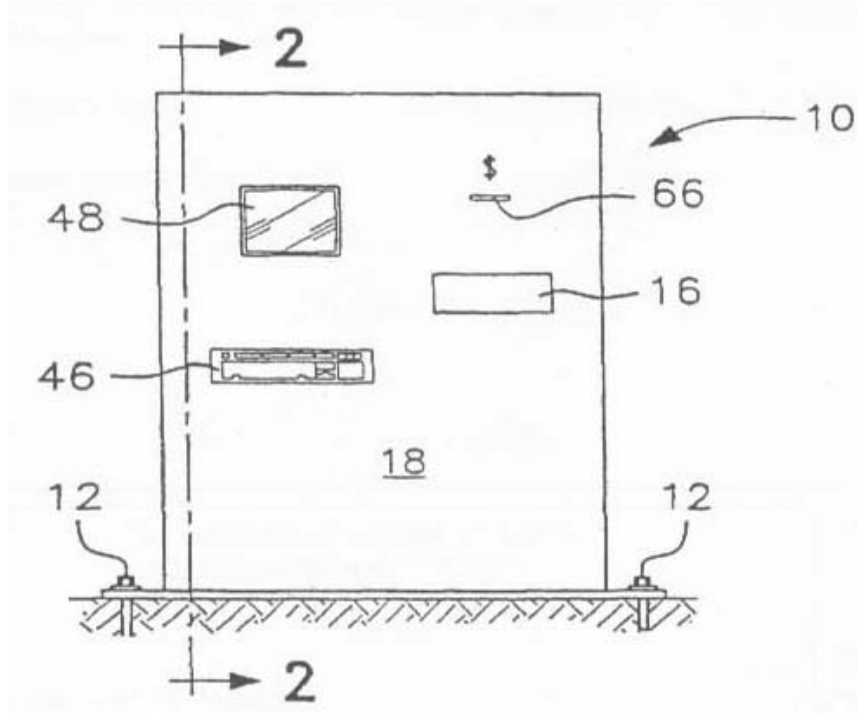
(51) International classification	:B41B 1/00	(71)Name of Applicant :
(31) Priority Document No	:60/511,098	1)BLUMBERG, MARVIN R.
(32) Priority Date	:15/10/2003	Address of Applicant :7105 BROXBURN DRIVE BETHESDA,
(33) Name of priority country	:U.S.A.	MARYLAND 20817 U.S.A.
(86) International Application No	:PCT/US2004/033882	(72)Name of Inventor :
Filing Date	:15/10/2004	1)BLUMBERG, MARVIN R.
(87) International Publication No	:WO/2005/037551	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 18

No of Claims : 20

(57) Abstract:

A record of a document (20) is transmitted to a receiver so as to provide proof of transmission of the document by delivery of the to be transmitted document to a secure delivery box (10) which provides a copy of all documents being transmitted to the sender and/or the recipient and/or the service provider of the delivery box by a hard copy or electronic copy of the documents inserted into the delivery box (10) with the sender's address being visible through a transparent window (32) of the to be delivered document or entered by an external keyboard (46) of the delivery box so that copies and confirmation of delivery of transmitted documents is achieved (Fig.3).



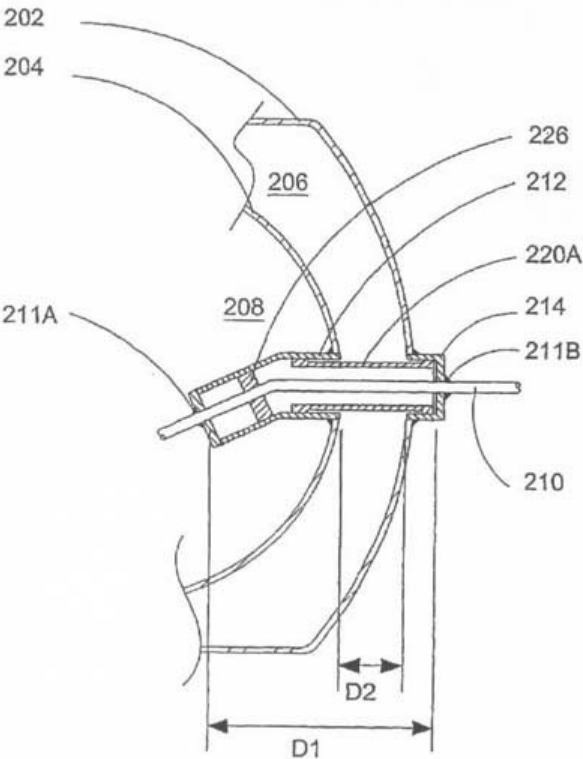
(51) International classification	:F17C 1/00	(71)Name of Applicant :	
(31) Priority Document No	:2,441,775	1)WESTPORT RESEARCH INC.	
(32) Priority Date	:23/09/2003	Address of Applicant :SUITE 101, 1750 WEST 75TH AVENUE,	
(33) Name of priority country	:Canada	VANCOUVER, BRITISH COLUMBIA V6P 6G2 Canada	
(86) International Application No	:PCT/CA2004/001733	(72)Name of Inventor :	
Filing Date	:23/09/2004	1)HARPER GREGORY C	
(87) International Publication No	:WO/2005/028947	2)GISH JUSTIN	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

No of Pages: 30

No of Claims : 39

(57) Abstract:

Abstract: A double-walled vacuum-insulated container for holding a cryogenic fluid comprises a support structure for supporting an inner vessel within an outer vessel. The container has an elongated horizontal axis. A conduit extending between the inner and outer vessels has a wall thickness that allows the conduit to carry a substantial portion of axial loads acting on the inner vessel in a direction parallel to the horizontal axis. The support structure further comprises a non-metallic support spanning between the inner and outer vessels, with the non-metallic support capable of transferring substantially all radial loads transverse to said horizontal axis. The non-metallic support is also fixedly attached to the inner and outer vessels so that it is capable of supporting a substantial portion of the axial loads so that the non-metallic support and the conduit cooperate to provide support in the axial direction.



(54) Title of the invention : "METHOD FOR CONTROLLING COMBUSTION IN AN INTERNAL COMBUSTION ENGINE AND PREDICTING PERFORMANCE AND EMISSIONS"

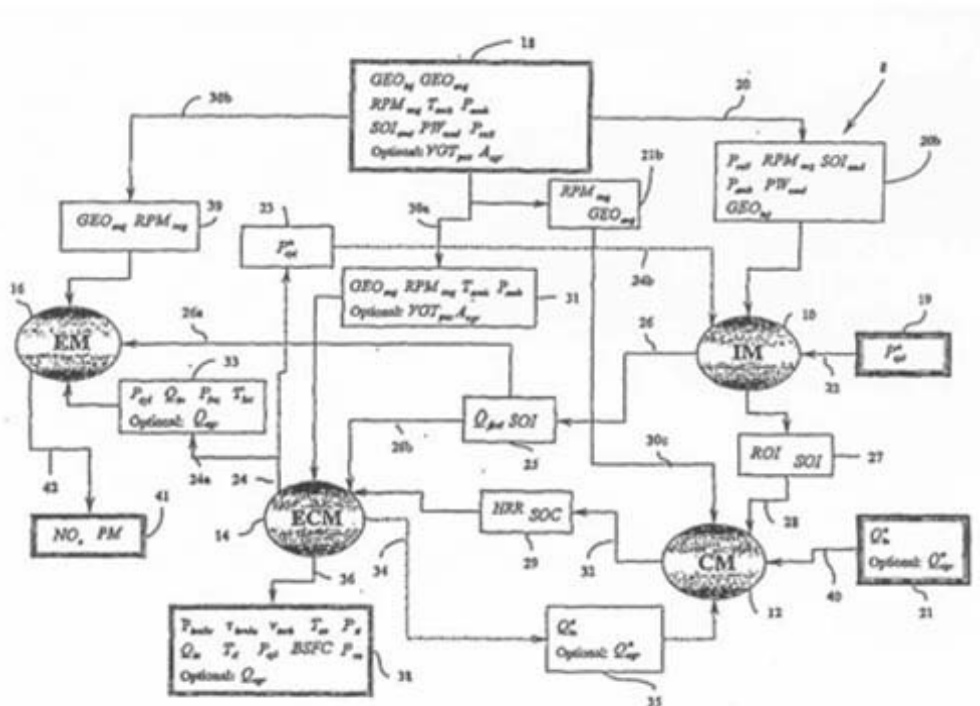
(51) International classification	:F02D 35/02	(71)Name of Applicant :	
(31) Priority Document No	:2,441,686	1)WESTPORT RESEARCH INC,	
(32) Priority Date	:23/09/2003	Address of Applicant :SUITE 101, 1750 WEST 75TH AVENUE,	
(33) Name of priority country	:Canada	VANCOUVER, BRITISH COLUMBIA V6P 6G2. Canada	
(86) International Application No	:PCT/CA2004/001735	(72)Name of Inventor :	
Filing Date	:23/09/2004	1)HILL PHILIP G	
(87) International Publication No	:WO 2005/028837	2)DUNN MARK	
(61) Patent of Addition to Application Number	:NA	3)LI GUOWEI	
Filing Date	:NA	4)ZHANG DEHONG	
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

No of Pages : 58

No of Claims : 46

(57) Abstract :

This disclosure teaches a method of controlling a direct injection internal combustion engine and predicting the behaviour of a direct injection internal combustion engine. An estimation of initial cylinder pressure, air flow and EGR flow (if applicable) is used to establish a system that provides engine behaviour by integrating an injection module, combustion module and engine control module to provide data indicative of engine behaviour such as brake torque and power, air flow, EGR flow, cylinder pressure, brake specific fuel consumption, start of combustion, heat release rate, turbo-charger speed and other variables. These values can then be used to adjust commanded variables such as start of injection, commanded pulse width, rail pressure to meet operator demand. Also the output data can be used as a tool to determine how a conceptualised engine design will behave. This is particularly useful for gaseous-fuelled internal combustion engines where cylinder pressure influences behaviour of injected gases in light of the fact that rail pressure and cylinder pressure are, generally, of a similar magnitude.



(54) Title of the invention : "HIGH PRESSURE GASEOUS FUEL SUPPLY SYSTEM FOR AN INTERNAL COMBUSTION ENGINE AND A METHOD OF SEALING CONNECTIONS BETWEEN COMPONENTS TO PREVENT LEAKAGE OF A HIGH PRESSURE GASEOUS FUEL"

(51) International classification :F02M 21/02
 (31) Priority Document No :2,441,641
 (32) Priority Date :23/09/2003
 (33) Name of priority country :Canada
 (86) International Application No :PCT/CA2004/001667
 Filing Date :10/09/2004
 (87) International Publication No :WO/2005/028852
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)WESTPORT RESEARCH INC.

Address of Applicant :SUITE 101, 1750 WEST 75TH AVENUE,
 VANCOUVER, BRITISH COLUMBIA V6P 6G2 Canada

(72)Name of Inventor :

1)POST ADRIAN J

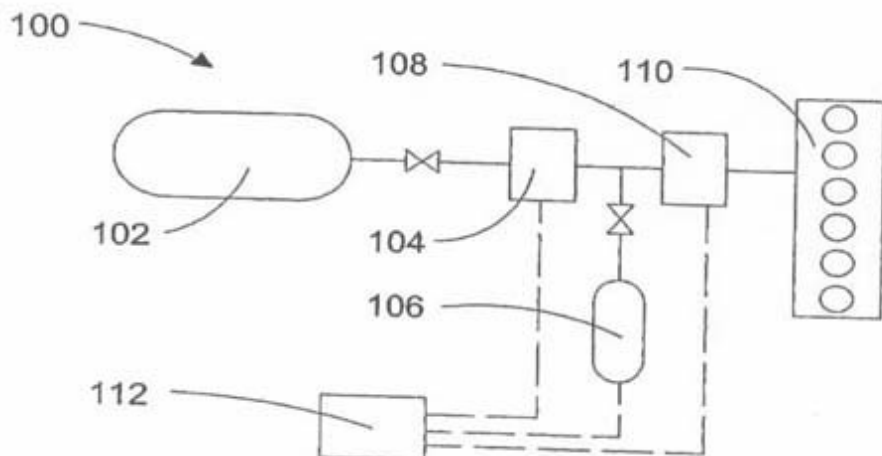
2)BROOK THOMAS C

No of Pages : 26

No of Claims : 40

(57) Abstract :

A high-pressure fuel system for supplying a gaseous fuel to an internal combustion engine, wherein gaseous fuel pressure within the system is at least 17 MPa during normal operation. The system comprises a number of components and conduits and at least one resilient member for sealing at an interface between two components. The resilient member consists essentially of thermoplastic polyurethane. A method is also provided of sealing between components that contain gaseous fluids at pressures that can be above 17 MPa, wherein the gaseous fluids routinely undergo rapid reductions in pressure. The method comprises disposing a resilient member at an interface between said components, the resilient member consisting essentially of thermoplastic polyurethane. Gas pressure fluctuations can occur during operation of the components or when the high-pressure gas is vented from the components upon shut down of the high-pressure system. A particularly suitable application for the present method is high-pressure gaseous fuel supply systems for internal combustion engines.



(19) INDIA

(22) Date of filing of Application :18/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention: AIR FLOW PASSAGE OF MICROWAVE OVEN

(51) International classification	:H05B 6/80
(31) Priority Document No	:10-2003-0072118
(32) Priority Date	:16/10/2003
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2004/002631
Filing Date	:15/10/2004
(87) International Publication No	:WO 2005/038354
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

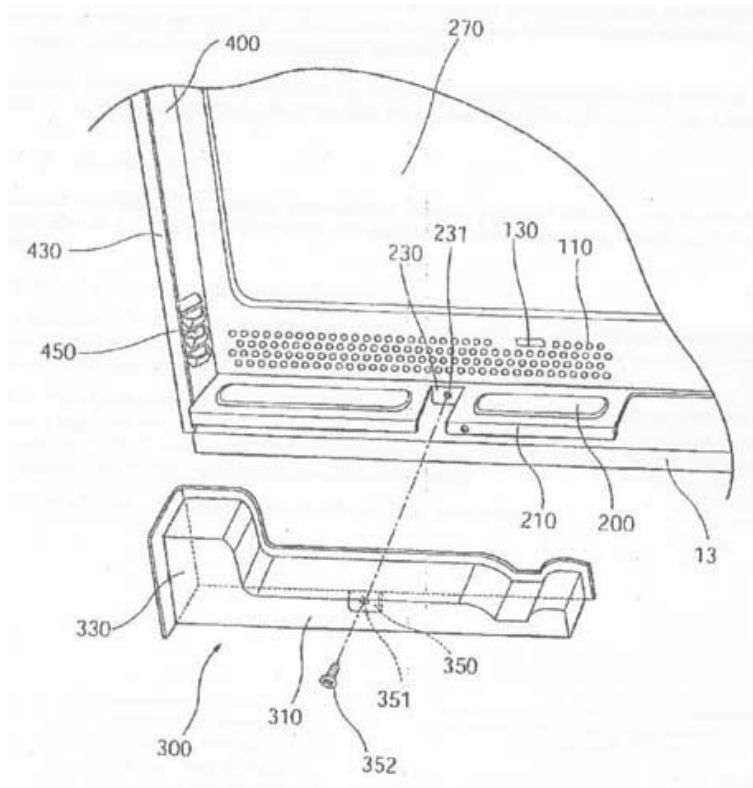
(71)Name of Applicant :
1)LG ELECTRONICS INC
 Address of Applicant :20, YOIDO-DONG,YONGDUNGPO-GU,
 SEOUL 150-875 Republic of Korea
 (72)Name of Inventor :
1) LEE DUCK-GIL

No of Pages: 24

No of Claims : 21

(57) Abstract:

Provided is an air flow passage of a microwave oven including: a cavity for accommodating foods therein; an electric component chamber disposed at a predetermined portion of the cavity; a suction hole formed at one sided portion of the cavity such that the cavity communicates with the electric component chamber; an exhaust hole formed at the other sided portion of the cavity, through which air sucked through the suction hole is exhausted; an exhaust guide covering an outer wall of the cavity where the exhaust hole is formed, for guiding air exhausted through the exhaust hole to an outside of the microwave oven; and a back plate having an exhaust passage hole communicating with one end of the exhaust guide, through which air is exhausted. According to the present invention, hot air of an inside of the microwave oven can be smoothly exhausted. In particular, since the exhausted air does not return to the electric component chamber, cooling efficiency can be enhanced.

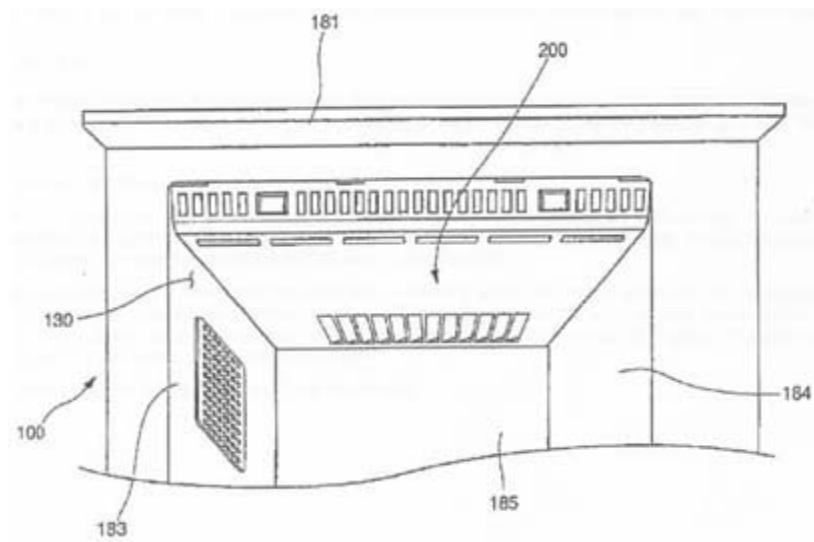


(54) Title of the invention: A MICROWAVE OVEN AND AN UPPER DUCT STRUCTURE THEREOF

(51) International classification : H05B 6/80	(71)Name of Applicant :
(31) Priority Document No :10-2003-0072132	1)LG ELECTRONICS INC.
(32) Priority Date :16/10/2003	Address of Applicant :20, YOIDO-DONG,YONGDUNGPO-GU,
(33) Name of priority country : Republic of Korea	SEOUL 150-875 Republic of Korea
(86) International Application No :PCT/KR2004/002621	(72)Name of Inventor :
Filing Date :14/10/2004	1)LEE DONG-HEON
(87) International Publication No :WO 2005/038353	2)LEE SANG-RYUL
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

No of Pages : 23No of Claims: 20

(57) Abstract :
A microwave oven includes a cavity in which food is loaded and an upper duct having a main body mounted in the cavity, a duct fixing member formed on a side of the main body and fixed on a wall of the cavity, and an inclined portion extending from an end of the main body and inclined at a predetermined angle.

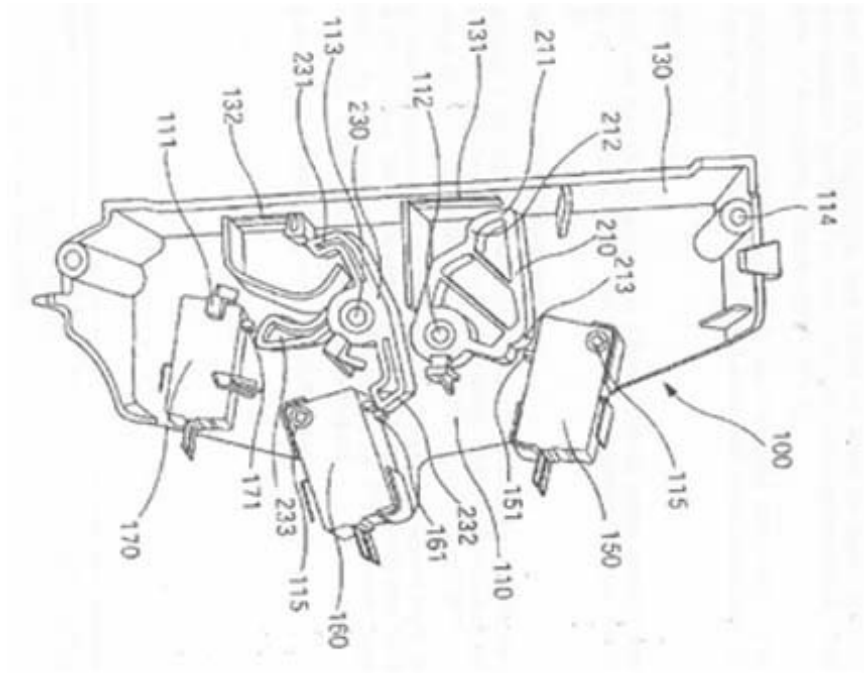


(54) Title of the invention : MICROWAVE OVEN AND LATCH BOARD IN THE MICROWAVE OVEN

(51) International classification :F24C 15/02(31) Priority Document No :10-2003-0072125(32) Priority Date :16/10/2003(33) Name of priority country :Republic of Korea(86) International Application No :PCT/KR2004/002636Filing Date :15/10/2004(87) International Publication No :WO/2005/038351(61) Patent of Addition to Application Number :NAFiling Date :NA(62) Divisional to Application Number :NAFiling Date :NA	(71)Name of Applicant : 1)LG ELECTRONICS INC. Address of Applicant :20, YOIDO-DONG, YONGDUNGPO-GU, SEOUL, 150-875 Republic of Korea(72)Name of Inventor : 1)LEE, SANG-RYUL

No of Pages : 23No of Claims : 20

(57) Abstract :
A latch board of a microwave oven is provided. The latch board includes a first lever for controlling on/off operation of a monitor switch. The first lever is formed in an approximate triangular shape and has a hinge formed at a first edge, a pressing part formed at a second edge to come in contact with the monitor switch, and a protrusion part formed at a third edge to come in contact with the latch more rapidly . In the latch board, a difference in operation time of the monitor switch and the circuit switch can be increased such that the operation stability of the microwave oven is improved.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.973/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : ACIDULENT FILM AND METHOD OF MAKING SAME

(51) International classification	:A23L 1/00
(31) Priority Document No	:10/680,441
(32) Priority Date	:07/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/033148
Filing Date	:06/10/2004
(87) International Publication No	:WO/2005/035776
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MONOSOLRX, LLC

Address of Applicant :6560, MELTON ROAD, PORTAGE, IN
46386 U.S.A.

(72)Name of Inventor :

1)VERRALL, ANDREW, P.

2)FRANCIS, VIMALA

3)MOSS, LAURA

4)KUGLER, KAREN

No of Pages : 21

No of Claims : 27

(57) Abstract :

A composition for oral administration, including an acidulent, water-soluble film, and methods of making the film, are disclosed.

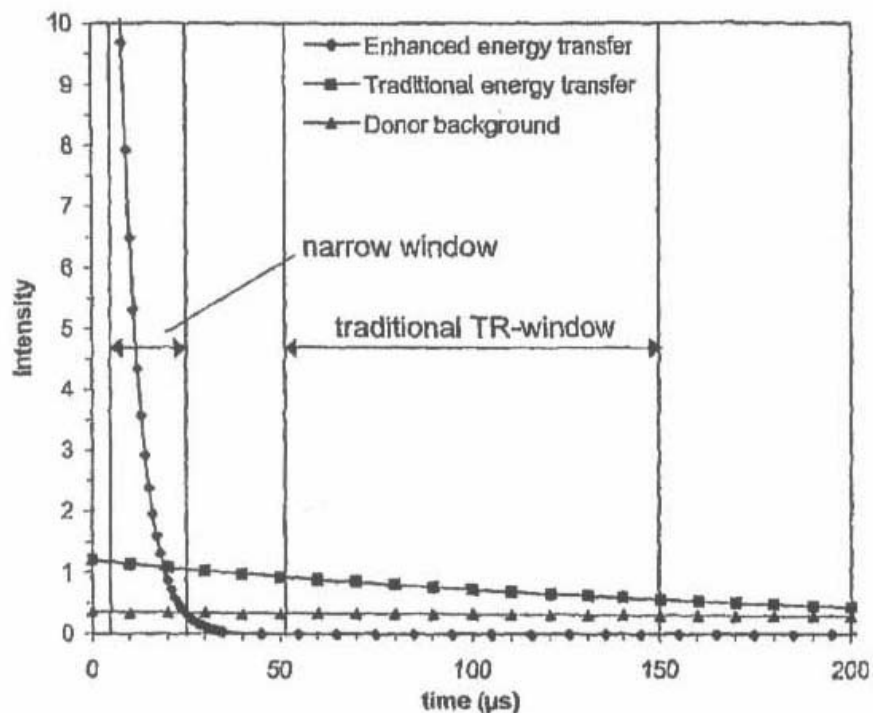
(51) International classification	: C12Q 1/68; G01N 33/533	(71)Name of Applicant :
(31) Priority Document No	:60/481,456	1)WALLAC OY
(32) Priority Date	:01/10/2003	Address of Applicant :MUSTIONKATU 6, FI-20750 TURKU
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:PCT/FI2004/000550	(72)Name of Inventor :
Filing Date	:20/09/2004	1)LAITALA, VILLE
(87) International Publication No	:WO 2005/033709	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 36

No of Claims : 11

(57) Abstract :

The invention relates to a method for improving the detection sensitivity in homogenous TR-FRET based bioaffinity assays. The sensitivity is improved by the use of long lifetime donors together with a high energy transfer efficiency and by carrying out the detection of the energy transfer based emission of the acceptor in a time window which is opened after a delay of 1 microsecond or more, but less than 50 microseconds, calculated from the donor excitation, and which time window has a width of 1 microsecond or more, but less than 100 microseconds. The invention concerns also the use of the improved method in multianalyte assays. Furthermore, the invention concerns a device suitable for carrying out the improved method..



(54) Title of the invention : "MICROWAVE OVEN AND RADIATING STRUCTURE OF MICROWAVE IN MICROWAVE OVEN"

(51) International classification : H05B 6/74
 (31) Priority Document No :10-2003-0072127
 (32) Priority Date :16/10/2003
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2004/002635
 Filing Date :15/10/2004
 (87) International Publication No :WO 2005/038349
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)LG ELECTRONICS INC.

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(72)Name of Inventor :

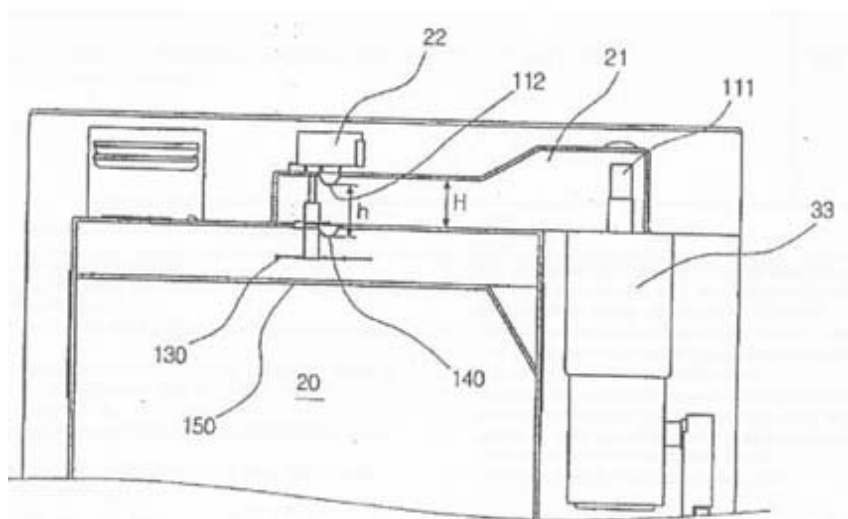
1)LEE, SANG-RYUL

No of Pages : 22

No of Claims : 20

(57) Abstract :

There is provided a microwave oven. In the microwave oven, a screw covering part is protruded toward an inside of a wave guide for an installation of a motor, a convergence preventing part is formed at a portion of a cavity with a shape corresponding to that of the screw covering part and at a location corresponding to that of the screw covering part, and an elevated portion formed by modifying a portion of the cavity in order to uniformly distribute microwave scattered by a stirrer fan. Therefore, the microwave can be distributed more uniformly about the cavity and thereby food can be cooked more evenly and speedily.



(54) Title of the invention : "METHOD FOR INJECTING GASEOUS FUELS INTO AN INTERNAL COMBUSTION ENGINE AT HIGH PRESSURES"

(51) International classification :F02D 19/02
 (31) Priority Document No :2,443,474
 (32) Priority Date :30/09/2003
 (33) Name of priority country :Canada
 (86) International Application No :PCT/CA2004/001767
 Filing Date :30/09/2004
 (87) International Publication No :WO/2005/031142
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)WESTPORT RESEARCH INC.

Address of Applicant :SUITE 101, 1750 WEST 75TH AVENUE,
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(72)Name of Inventor :

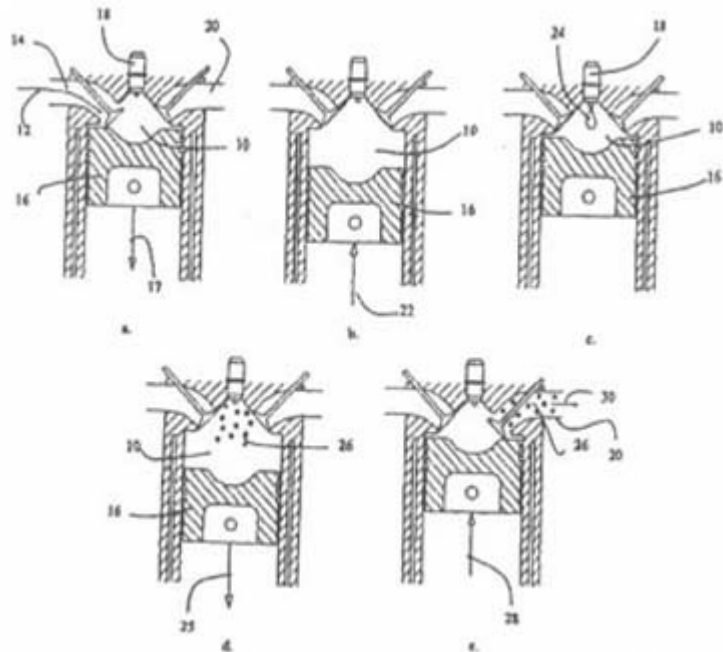
1)MUNSHI SANDEEP

No of Pages : 32

No of Claims : 23

(57) Abstract :

A method for providing a directly injected gaseous fuel into the combustion chamber of an internal combustion engine is provided. The compressibility of the gaseous fuel is used to provide a fuel to the combustion chamber that is injected over all engine operating conditions at pressures that result in fuel jet speeds beyond the injector nozzle in excess of sonic speeds as determined in reference to the combustion chamber environment. The resulting fuel injection speed results in the fuel passing through shock waves within the combustion chamber, which, in turn, promotes combustion of the fuel by promoting turbulence and mixing of the fuel and intake charge within the combustion chamber where fuel burns in a non-premixed combustion mode.



(54) Title of the invention : EXTRUSION PROCESS FOR THE PREPARATION OF TOUGHNESS-MODIFIED AND LAYERED SILICATE-REINFORCED THERMOPLASTIC SYSTEMS

(51) International classification :B29C47/00
 (31) Priority Document No :10348548.1
 (32) Priority Date :20/10/2003
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2004/052189
 Filing Date :15/09/2004
 (87) International Publication No :WO 2005/040254
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)FACT FUTURE ADVANCED COMPOSITES & TECHNOLOGY GMBH
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 (72)Name of Inventor :
1)KARGER-KOCSIS JOZSEFNE
2)HARMIA TAPIO

No of Pages : 19

No of Claims : 15

(57) Abstract :

The invention relates to an extrusion method for the production of strength-modified and phyllosilicate-reinforced thermoplastic systems. According to the invention, a production method for nanocomposite materials, using the most economic raw materials, which may be easily worked and which do not require a complicate preparation before processing and with establishment of a starting material composition which meets the requirements for a high-performance nanocomposite material, in particular, with regard to rigidity and strength, may be achieved, whereby a strength modifier in the form of a phyllosilicate is added to the compounded system as an essentially aqueous dispersion and the water is at least partly removed from the compounded system during the extrusion.

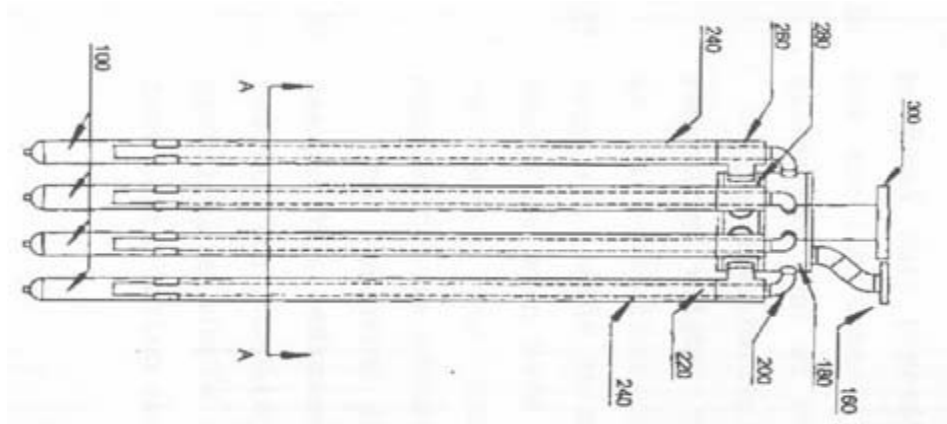
(54) Title of the invention : FISCHER-TROPSCH SLURRY REACTOR COOLING TUBE ARRANGEMENT

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date :B01J 8/00 :10/681,823 :08/10/2003 :U.S.A. :PCT/US2004/032999 :07/10/2004 :WO 2005/035108 :NA :NA :NA :NA	(71)Name of Applicant : 1)RENTECH, INC Address of Applicant :12401 EAST 3/TH AVENUE, DENVER, CO 80239 U.S.A. (72)Name of Inventor : 1)HAWTHORNE, WILLIAM H. 2)IBSEN MARK D 3)PEDERSEN, PETER, S. 4)BOHN, MARK, S.

No of Pages : 21

No of Claims : 22

(57) Abstract :
An arrangement of cooling tubes within a Fischer-Tropsch slurry re-actor simplifies removal and reinstallation of cooling tubes for reactor maintenance.



(54) Title of the invention : FIBER OPTIC ASSEMBLIES, CABLES AND MANUFACTURING METHODS THEREFOR

(51) International classification	:G02B6/44; G02B6/44
(31) Priority Document No	:10/692,492
(32) Priority Date	:24/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/034326
Filing Date	:19/10/2004
(87) International Publication No	:WO 2005/043208
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CORNING CABLE SYSTEMS LLC,Address of Applicant :P.O. BOX OFFICE 489, 800 1th Street
NW, Hickory, NC 28603 U.S.A.

(72)Name of Inventor :

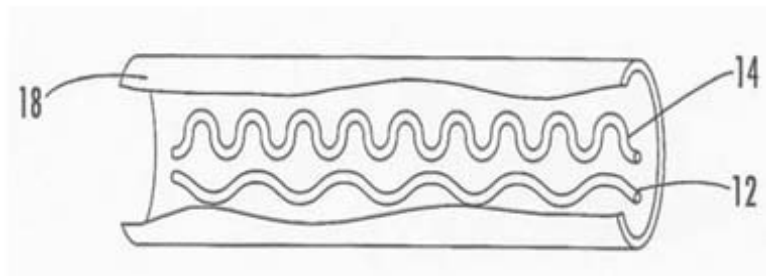
1)QUINN, CHRISTOPHER, M.

No of Pages : 21

No of Claims : 26

(57) Abstract :

An optical assembly and methods of manufacturing the same include a longitudinal cavity, at least one optical waveguide being disposed in the longitudinal cavity having a predetermined length, and at least one water-swellaable yarn being disposed within the longitudinal cavity and having a predetermined length. The predetermined length of the at least one water-swellaable yarn being greater than the predetermined length of the at least one optical waveguide so that the at least one water-swellaable yarn and the at least one optical waveguide generally act as independent bodies within the longitudinal cavity.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.981/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : OPTICAL INFORMATION RECORDING MEDIUM AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	: G11B 7/24
(31) Priority Document No	:2004-302590
(32) Priority Date	:18/10/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/013243
Filing Date	:19/04/2005
(87) International Publication No	:WO 2006/043357
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

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(72)Name of Inventor :

1)HARUHIKO HABUTA

2)HIDEKI KITAURA

No of Pages : 23

No of Claims : 15

(57) Abstract :

An optical information recording medium having a plurality of information layers, with which stable recording and reproduction can be achieved in all information layers, and good recording sensitivity can be maintained in the innermost layer when viewed from the laser incidence side, as well as a method for manufacturing such medium are provided. To this end, the present invention is an optical information recording medium comprising a first information layer, an intermediate layer, and a second information layer, in that order, on a substrate, wherein both of the information layers have a recording layer composed of a material containing Te, O, and M (where M is one or more elements selected from among Al, Si, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, Ga, Ge, Zr, Nb, Mo, Ru, Rh, Pd, Ag, In, Sn, Sb, Hf, Ta, W, Re, Os, Ir, Pt, Au, and Bi), and the second information layer contains the material M in a higher compositional ratio than does the first information layer.

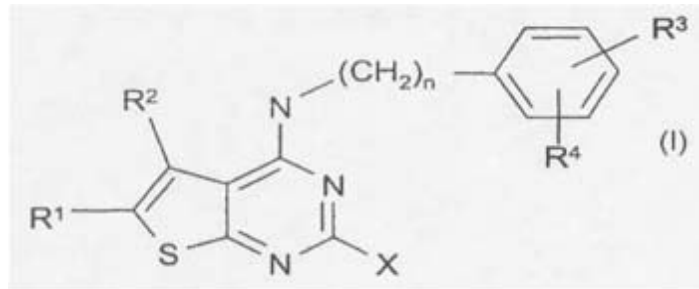
(54) Title of the invention : USE OF THIENOPYRIMIDINES

(51) International classification :A61K 31/505 (31) Priority Document No :10351436.8 (32) Priority Date :04/11/2003 (33) Name of priority country :Germany (86) International Application No :PCT/EP2004/011551 Filing Date :14/10/2004 (87) International Publication No :WO 2005/047292 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)MERCK PATENT GMBH Address of Applicant :FARNKFURTER STRASSE 250, 64293 DARMSTADT, Germany (72)Name of Inventor : 1)EGGENWEILER HANS MICHAEL 2)JONCZYK ALFRED 3)BARNICKEL GERHARD 4)RAUTENBERG WILFRIED 5)DROSDAT HELGA 6)SUTTER ARNE

No of Pages : 183

No of Claims : 31

(57) Abstract :
The invention relates to compounds of formula (I), wherein R¹, R², R³, R⁴, X and n have the meanings cited in claim (1). Said compounds are inhibitors of tyrosinkinases, especially TIE-2, and Raf- Kinases and can be used, for example, in the treatment of tumours.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.983/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ORGANIC SALTS CONTAINING BIS (PERFLUOROALKYL) PHOSPHINATE ANIONS

(51) International classification	:C07F 9/28
(31) Priority Document No	:103 53 758.9
(32) Priority Date	:17/11/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP04/012074
Filing Date	:26/10/2004
(87) International Publication No	:WO 2005/049555
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Germany
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1)IGNATYEV, Nikolai (Mykola)
2)WELZ-BIERMANN, Urs
3)WILLNER, Helge
4)KUCHERYNA, Andriy

No of Pages : 31

No of Claims : 15

(57) Abstract :

The present invention relates to a process for the preparation of organic salts containing bis (perfluoroalkyl)phosphinate anions, comprising at least the reaction of a tris(perfluoroalkyl)phosphine oxide with an alcohol and an organic base which is stronger than the alcohol. The invention furthermore relates to the salts prepared by this process and to the use thereof as ionic liquids.

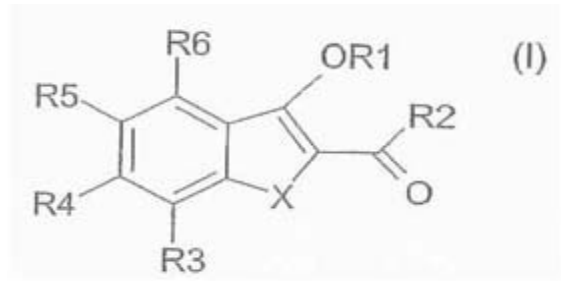
(54) Title of the invention : BENZOFURANS AND BENZOTHIOPHENES

(51) International classification	:C07D 307/83	(71)Name of Applicant :
(31) Priority Document No	:0313615	1)MERCK PATENT GMBH
(32) Priority Date	:20/11/2003	Address of Applicant :FRANKFURTER STRASSE 250, 64293
(33) Name of priority country	:France	DARMSTADT. Germany
(86) International Application No	:PCT/	(72)Name of Inventor :
Filing Date	EP2004/012620	1)MOINET GERARD
	:08/11/2004	2)LERICHE CAROLINE
(87) International Publication No	:WO	3)KERGOAT MICHELINE
	2005/054226	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 61

No of Claims : 29

(57) Abstract :
The Invention relates to compounds of the general formula (I), in which R1, R2, R3, R4, R5, R6 and X are as defined in Claim 1. These compounds can be used in the treatment of pathologies associated with insulin resistance syndrome.



(54) Title of the invention : SPHERICAL PARTICLES

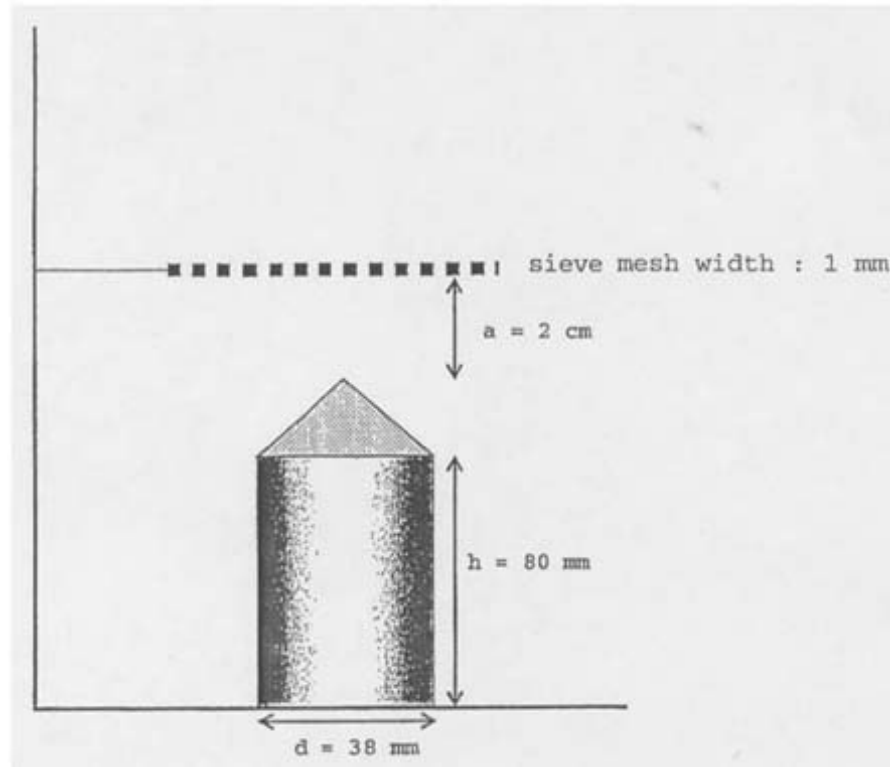
(51) International classification	:C08F 10/06	(71)Name of Applicant :
(31) Priority Document No	:103 52 138.0	1)DEGUSSA AG
(32) Priority Date	:04/11/2003	Address of Applicant :BENNIGSENPLATZ 1, 40474
(33) Name of priority country	:Germany	DUSSELDORF. Germany
(86) International Application No	:PCT/EP2004/012388	(72)Name of Inventor :
Filing Date	:03/11/2004	1)DR. MICHAEL GRUN
(87) International Publication No	:WO 2005/044873	2)KLAUS HEYNE
(61) Patent of Addition to Application Number	:NA	3)DR. CLAUDINE MOLLENKOPF
Filing Date	:NA	4)SAM LEE
(62) Divisional to to Application Number	:NA	5)DR. ROGER UHRHAMMER
Filing Date	:NA	

No of Pages : 22

No of Claims : 5

(57) Abstract :

Spherical particles comprising magnesium alcoholate and having a poured cone height of less than 17 mm are prepared by reacting magnesium, an alcohol or a mixture of various alcohols and a halogen and/or an optionally organic halogen compound with one another at below the boiling point of the alcohols. The spherical particles are employed as a precursor for olefin polymerization catalysts.



(54) Title of the invention : METHOD AND SYSTEM FOR MANAGEMENT OF ALTERNATIVE SERVICES IN A COMMUNICATION NETWORK

(51) International classification :H04L12/26;
H04M3/22
(31) Priority Document No :60/503,888
(32) Priority Date :22/09/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2004/001301
Filing Date :10/09/2004
(87) International Publication No :WO 2005/029903
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HEDBERG, TOMAS

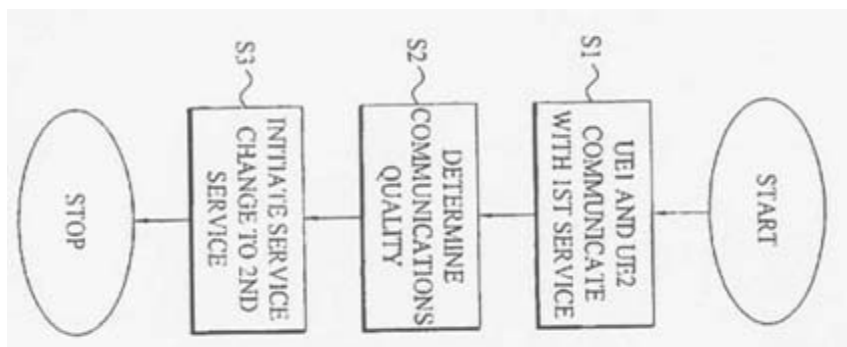
2)BURMAN, BO

No of Pages : 36

No of Claims : 27

(57) Abstract :

The invention provides management of alternative services in a communications system (1). A user equipment (300) requests a primary service at the communications network (10) during the setup of a communications session. In addition, at least one possible alternative service to use if the primary service is unavailable is suggested. Radio performance and signaling quality of the bearers of the primary and alternative service(s) are monitored. If the quality deteriorates, the network (10) issues a service change to a less quality demanding alternative service. If the quality subsequently improves, the network (10) can issue a fallback reversion, thus, changing service to a more preferred service, typically the requested primary service. (Fig. 2)



(54) Title of the invention : "PORTABLE APPARATUS USER INTERFACE"

(51) International classification :H04M 1/02
 (31) Priority Document No :10/731,490
 (32) Priority Date :09/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/039887
 Filing Date :29/11/2004
 (87) International Publication No :WO 2005/060533
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MOTOROLA, INC.Address of Applicant :1303 EAST ALGONQUIN ROAD,
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(72)Name of Inventor :

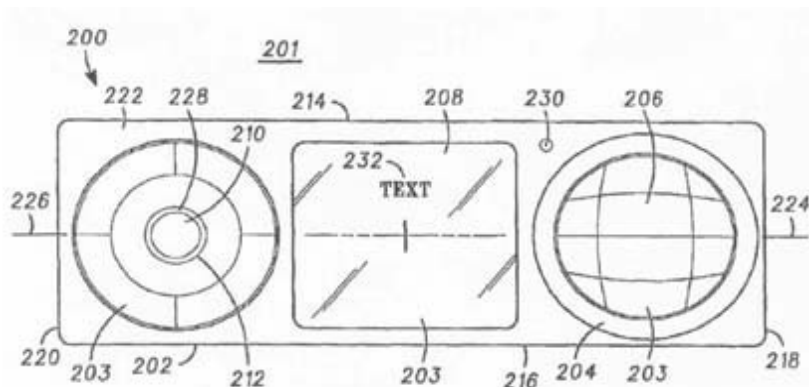
1)RIBEIRO, CLAUDIO SANTIAGO**2)LUCACI, IULIUS****3)PIERCE, PAUL M.**

No of Pages : 30

No of Claims : 28

(57) Abstract :

The portable electronic apparatus includes a housing (202) having a keypad (206), a rotary input device (204), a display (208), a navigation input device (210), and a speaker (212). The display is located in-between the rotary input device and the navigation input device. The speaker is disposed inside or adjacent to the navigation input device. An audio passage (228) is adjacent to or extending through the navigation input device and adjacent to the speaker. The apparatus can be configured in a substantially horizontal configuration (200) or a substantially vertical configuration (400). The information presented on the display changes orientation depending on the configuration of the apparatus.



(54) Title of the invention : METHOD FOR EVALUATING ANTI-CONTAMINATION LEVEL ON A SURFACE OF OPTICAL RECORDING MEDIUM, THE APPARATUS AND THE OPTICAL RECORDING MEDIUM

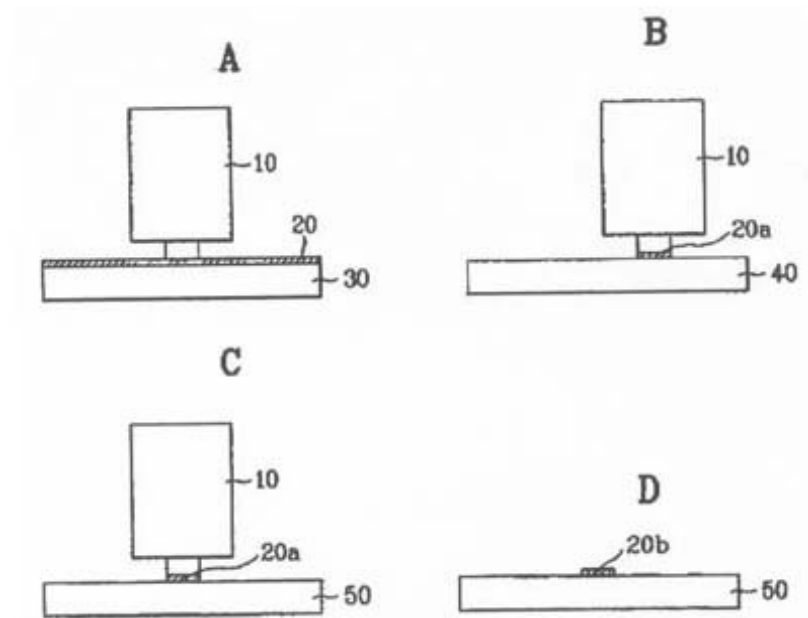
(51) International classification	:B32B 3/02	(71)Name of Applicant :
(31) Priority Document No	:10-2003-0080601	1)LG ELECTRONICS INC.
(32) Priority Date	:14/11/2003	Address of Applicant :20, YOIDO-DONG,YOUNGDUNGPO-GU, SEOUL 150-721 Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:PCT/KR2004/002937	1)SEO HUN
Filing Date	:12/11/2004	2)KIM JIN HONG
(87) International Publication No	:WO 2005/047936	3)LEE SEUNG YOON
(61) Patent of Addition to Application Number	:NA	4)KIM JIN YONG
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 33

(57) Abstract :

A method for evaluating an anti-contamination level on a surface of optical recording medium is disclosed. The method Includes forming an artificial fingerprint on the surface by contacting a stamp having an artificial material adhered thereto on an optical recording medium, and measuring a symbol error rate (SER) of the formed artificial fingerprint, to determine a sensitivity of the fingerprint and determining whether the optical recording medium is of good quality or bad quality depending upon the measured SER.



(54) Title of the invention : SEQUENTIAL FULL COLOUR DISPLAY AND PHOTOCELL DEVICE

(51) International classification :G02F 1/133
 (31) Priority Document No :10/700,212
 (32) Priority Date :03/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/036522
 Filing Date :02/11/2004
 (87) International Publication No :WO 2005/043228
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MOTOROLA, INC.Address of Applicant :1303 EAST ALGONQUIN ROAD,
SCHAUMBURG, ILLINOIS 60196 U.S.A.

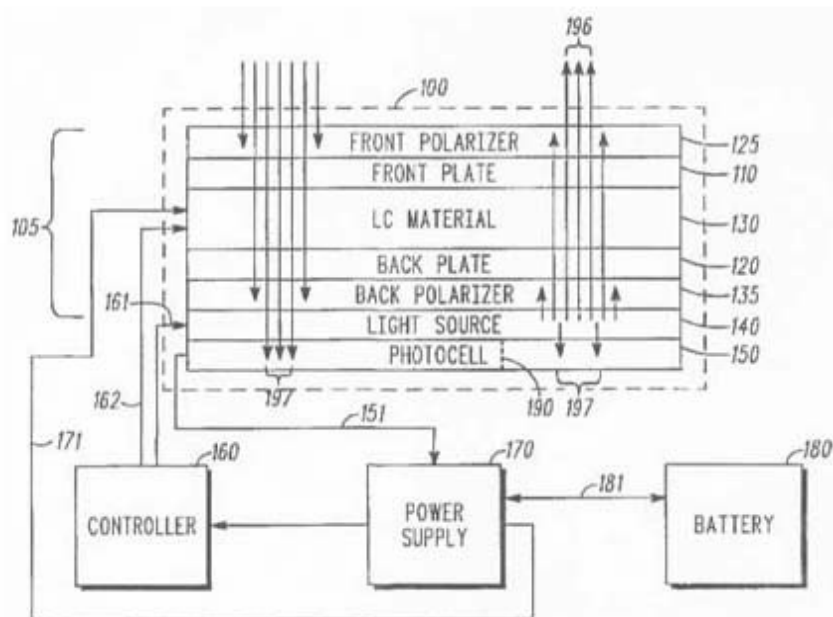
(72)Name of Inventor :

1)WANG, DONGXUE**2)LI, ZILI****3)VALLIATH, GEORGE, T.**

No of Pages : 11

No of Claims : 11

(57) Abstract : A full color display and photocell device (100) includes a fast response liquid crystal display (105) that has a rate of at least 75 monochrome frames per second, a transparent panel light (140) behind the fast response LCD that can emit a monochromatic light beam having a selected one of three colors, and a photovoltaic cell (150) behind the transparent panel light that converts light energy emanating from the transparent panel light into electrical energy. The full color display and photocell device (100) may also include a controller (160) that synchronizes information coupled to the fast response LCD and controls the transparent panel light to emit a sequence of monochromatic light beams of three colors.



(54) Title of the invention : METHOD AND APPARATUS FOR ACCURATELY DETECTING VALIDITY OF A RECEIVED SIGNAL

(51) International classification :H03D1/00;
H03D7/16
(31) Priority Document No :10/683,062
(32) Priority Date :10/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2004/001815
Filing Date :08/10/2004
(87) International Publication No :WO 2005/036762
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)VIXS SYSTEMS, INC.

Address of Applicant :PARKWAY PLACE, 245, CONSUMERS ROAD SUITE 301, TORONTO, ONTARIO M2J 1R3 Canada

(72)Name of Inventor :

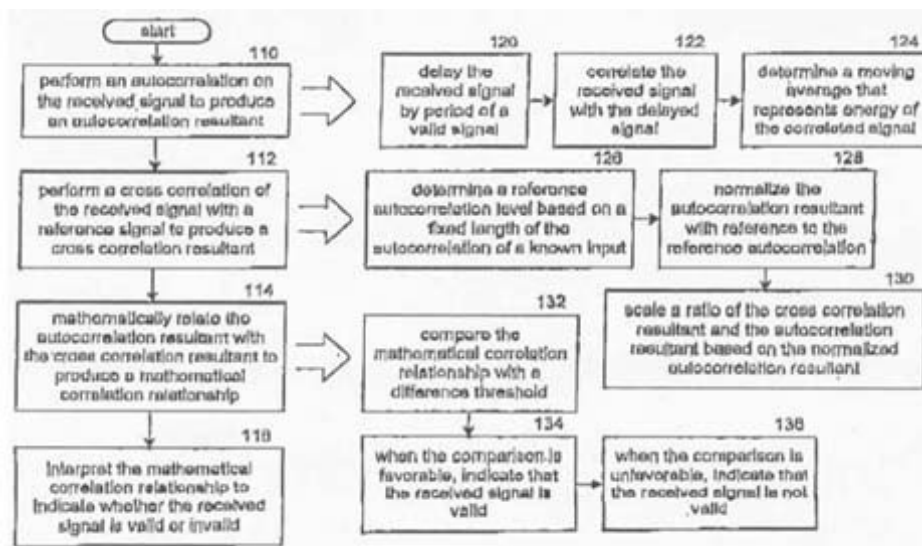
1)ASTRACHAN PAUL MORRIS

No of Pages : 23

No of Claims : 18

(57) Abstract :

A method for detecting validity of a received signal begins by performing an auto-correlation on the received signal to produce an auto-correlation resultant. The process continues by performing a cross-correlation on the receive signal with a reference signal to produce a cross-correlation resultant. The process then continues by mathematically relating the auto-correlation resultant with the cross-correlation resultant to produce a mathematical correlation relationship. The process then proceeds by interpreting the mathematical correlation relationship to indicate whether the receive signal is valid or not.



(54) Title of the invention : METHODS OF CONTROLLING MULTILAYER FOIL IGNITION

(51) International classification :B01J 19/00
 (31) Priority Document No :60/509,526
 (32) Priority Date :09/10/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/033112
 Filing Date :08/10/2004
 (87) International Publication No :WO 2005/035465
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)REACTIVE NANOTECHNOLOGIES, INC.Address of Applicant :111 FRONT DRIVE, HUNT VALLEY,
MD 21030 U.S.A.**2)JOHNS HOPKINS UNIVERSITY**

(72)Name of Inventor :

1)VAN HEERDEN DAVID**2)BESNOIN ETIENNE****3)SPEY JR. STEPHEN JOHN****4)BROWN MICHAEL****5)DEGER DALE****6)HEIAN ELLEN****7)VALLIAPPAN SOMASUNDARAM****8)KNIO OMAR M****9)WEIHS TIMOTHY P****10)RUDE TIMOTHY**

No of Pages : 87

No of Claims : 89

(57) Abstract :

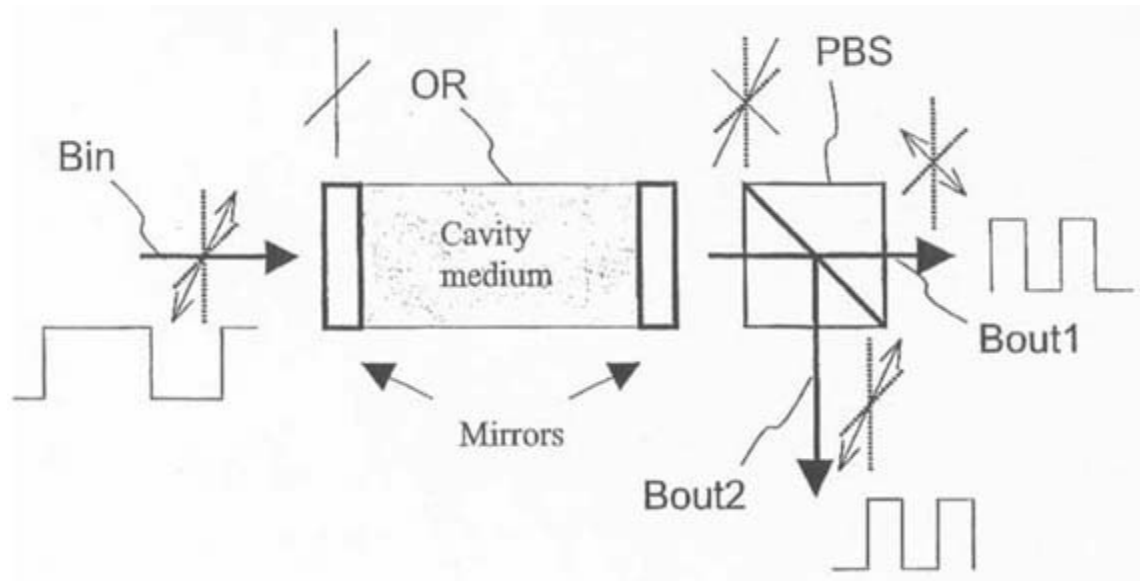
Embodiments of the invention include a method of simulating an ignition of a reactive multilayer foil. Other embodiments include various methods of igniting a reactive multilayer foil by transferring energy from an energy source to a reactive multilayer foil.

(54) Title of the invention : ALL-OPTICAL SIGNAL PROCESSING METHOD AND DEVICE

(51) International classification :G02B 5/30	(71)Name of Applicant :
(31) Priority Document No :NA	1)PERLOS TECHNOLOGY OY
(32) Priority Date :NA	Address of Applicant :AYRITIE 8A, FIN-01510 VANTAA
(33) Name of priority country :NA	Finland
(86) International Application No :PCT/FI2003/000848	(72)Name of Inventor :
Filing Date :07/11/2003	1)VON LERBER TUOMO
(87) International Publication No :WO 2005/046095	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to to Application Number :NA	
Filing Date :NA	

No of Pages : 51No of Claims : 26

(57) Abstract :
The invention relates to a method and to an optical device in all-optical signal processing. It provides a novel way of taking into use the potential bandpass filtering capabilities of an optical complex one-pole resonator by, 1) exciting with at least part of the input signal an optical resonator arrangement that comprises two substantially parallel, independent, complex one-pole resonators arranged in a manner that one of said resonators is matched, and the other one is non-matched with the input signal, and 2) based on polarization separating further from the output of said optical resonator arrangement at least one optical output signal so that both said matched and non-matched resonators contribute to the formation of said output signal. The invention can be utilized, for example, for optical signal analysis, optical clock recovery, or for producing high-frequency outputs from lower frequency input signals, like e.g. optical microwave generation.



(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING A CELL RESELECTION MODE

(51) International classification :H04L 12/56
 (31) Priority Document No :60/519, 874
 (32) Priority Date :13/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/037912
 Filing Date :12/11/2004
 (87) International Publication No :WO 2005/050957
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MOTOROLA, INC.Address of Applicant :1303 EAST ALGONQUIN ROAD,
SCHAUMBURG, ILLINOIS 60196 U.S.A.

(72)Name of Inventor :

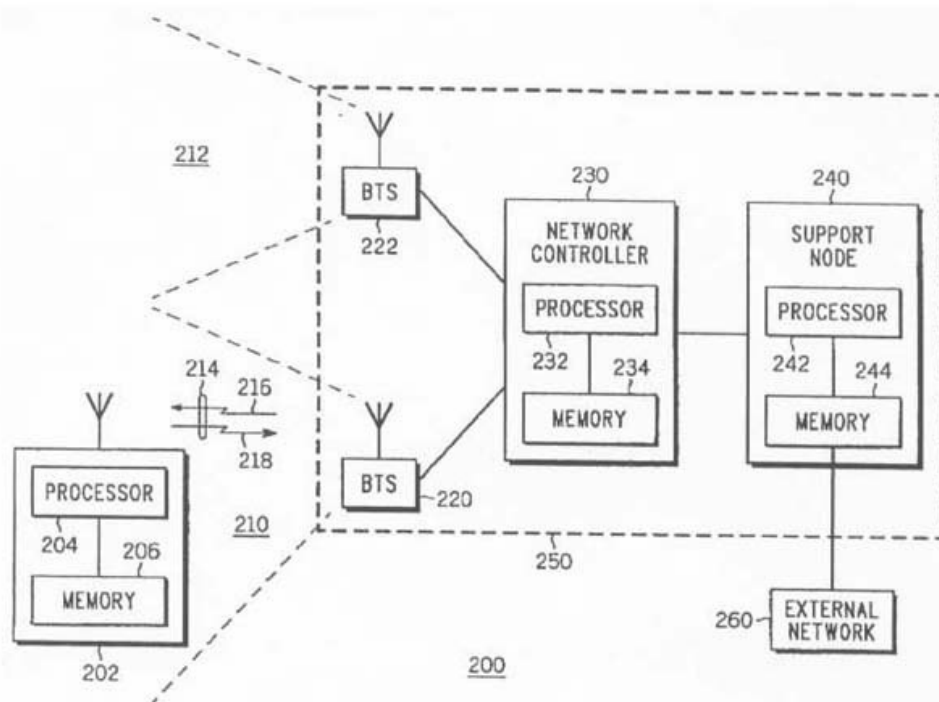
1)VASUDEVAN DAMODARAN**2)JAKHER, NARENDER K.,****3)RAVAL, TUSHAR**

No of Pages : 25

No of Claims : 14

(57) Abstract :

Abstract: A communication system (200) controls a cell reselection mode of a mobile station (202) while the mobile station resides in a cell (210) by determining a cell reselection mode of the mobile station, determining whether the mobile station is experiencing a change in radio frequency (RF) conditions, and when the mobile station is experiencing a change in RF conditions, instructing the mobile station to change a cell reselection mode used by the mobile station.



(54) Title of the invention : INHALABLE PHARMACEUTICAL FORMULATIONS EMPLOYING LACTOSE ANHYDRATE AND METHODS OF ADMINISTERING THE SAME

(51) International classification :A61K9/00
 (31) Priority Document No :60/515,077
 (32) Priority Date :28/10/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/035129
 Filing Date :22/10/2004
 (87) International Publication No :WO/2005/044187
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)GLAXO GROUP LIMITED

Address of Applicant :GLAXO WELLCOME HOUSE,
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 U.K.

(72)Name of Inventor :

1)DAWSON MICHELLE L.

2)ROCHE, TREVOR C.

3)WHITAKER MARK

4)CHIDAVAZENI, OWEN CHISORA

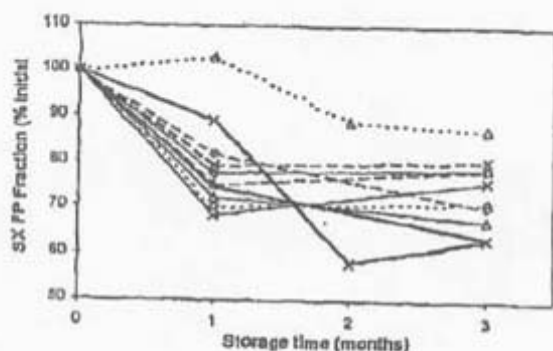
No of Pages : 52

No of Claims : 57

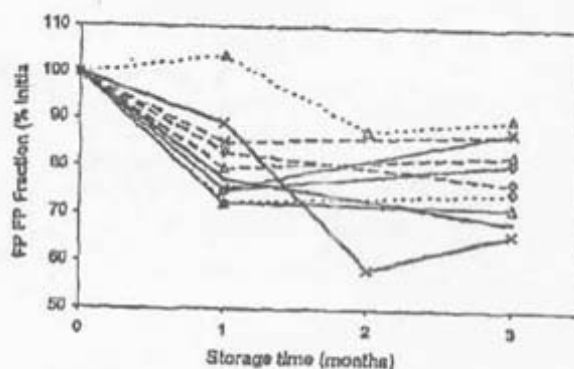
(57) Abstract :

Pharmaceutical formulations suitable for inhalation comprise at least one pharmaceutically active medicament and lactose anhydrate.

Salmeterol



Fluticasone propionate



Legend (%/type Anhydrous Lactose)

—○— 1% Commercial —◇— 1% Stable ---◇--- 1% Hygroscopic — Monohydrate
 —△— 10% Commercial ---△--- 10% Stable ---△--- 10% Hygroscopic — Monohydrate 2
 —×— 60% Commercial ---×--- 60% Stable

(54) Title of the invention : A ROOT-PREFERRED MAIZE PROMOTER NAMED CRWAQ81

(51) International classification :C12N 15/82		(71)Name of Applicant :
(31) Priority Document No :60/509,878		1)PIONEER HI-BRED INTERNATIONAL, INC.
(32) Priority Date :09/10/2003		Address of Applicant :800 CAPITAL SQUARE, 400 LOCUST STREET, DES MOINES, IA 50309 U.S.A.
(33) Name of priority country :U.S.A.		2)E.I. DU PONT DE NEMOURS AND COMPANY
(86) International Application No :PCT/US2004/033513		3)NEW YORK UNIVERSITY
Filing Date :12/10/2004		(72)Name of Inventor :
(87) International Publication No :WO 2005/035770		1)DIEHN SCOTT
(61) Patent of Addition to Application Number :NA		2)LU ALBERT LAURENCE
Filing Date :NA		3)RITCHIE STEVEN W
(62) Divisional to to Application Number :NA		4)SIMS LYNNE
Filing Date :NA		5)WARD KIM R
		6)BENFEY PHILIP
		7)JUNG JEE W

No of Pages : 61No of Claims : 30

(57) Abstract :
The present invention provides compositions and methods for regulating expression of heterologous nucleotide sequences in a plant. Compositions include a novel nucleotide sequence for a root-preferred promoter for the gene encoding CRWAQ81. A method for expressing a heterologous nucleotide sequence in a plant using the promoter sequences disclosed herein is provided. The method comprises stably incorporating into the genome of a plant cell a nucleotide sequence operably linked to the root-preferred promoter of the present invention and regenerating a stably transformed plant that expresses the nucleotide sequence.

(54) Title of the invention : OPTICAL RECORDING MEDIUM AND DYE

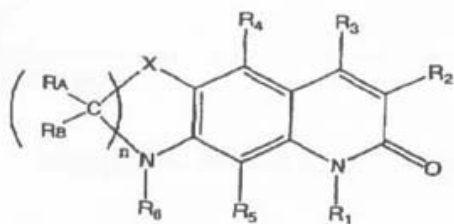
(51) International classification	:G11B7/24	(71)Name of Applicant :
(31) Priority Document No	:2003-433328	1)MITSUBISHI CHEMICAL CORPORATION
(32) Priority Date	:26/12/2003	Address of Applicant :33-8, SHIBA 5-CHOME, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO 1080014 Japan
(86) International Application No	:PCT/JP2004/019387	2)MITSUBISHI KAGAKU MEDIA CO., LTD.
Filing Date	:24/12/2004	(72)Name of Inventor :
(87) International Publication No	:WO 2005/063494	1)MIYAZAWA TAKASHI
(61) Patent of Addition to Application Number	:NA	2)KUROSE, YUTAKA
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 79

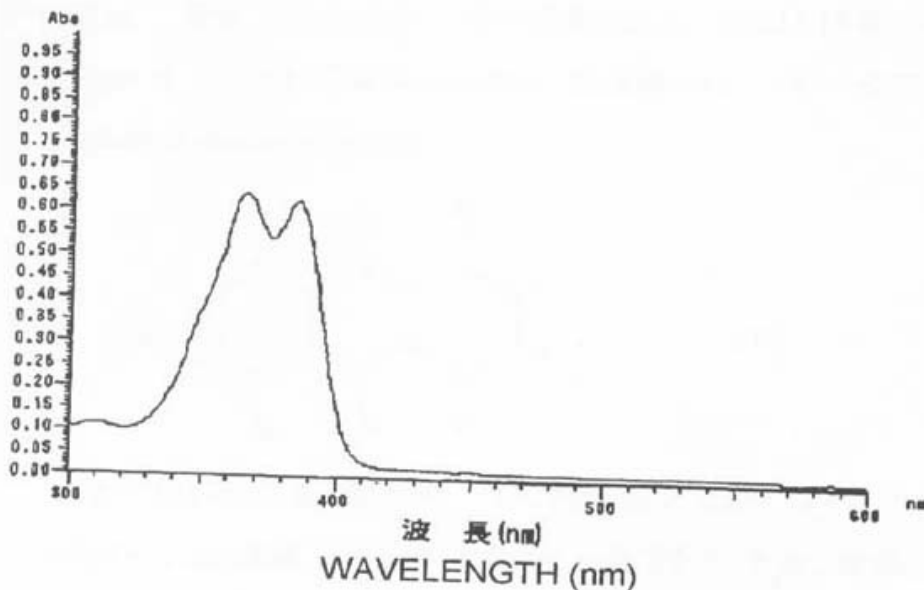
No of Claims : 10

(57) Abstract :

To provide an optical recording medium capable of high density recording or readout of optical information by a laser beam having a short wavelength. An optical recording medium comprising a substrate and a recording layer formed on the substrate, capable of recording or readout of information by irradiation with light, wherein the recording layer contains a 7-aminocarbostyryl compound of the following formula (I): in the formula (I), X is an oxygen atom or a sulfur atom, R₁ is a hydrogen atom or a linear or branched alkyl group which may be substituted, R₆ is a linear or branched alkyl group which may be substituted, and n=1 to 4.



[I]

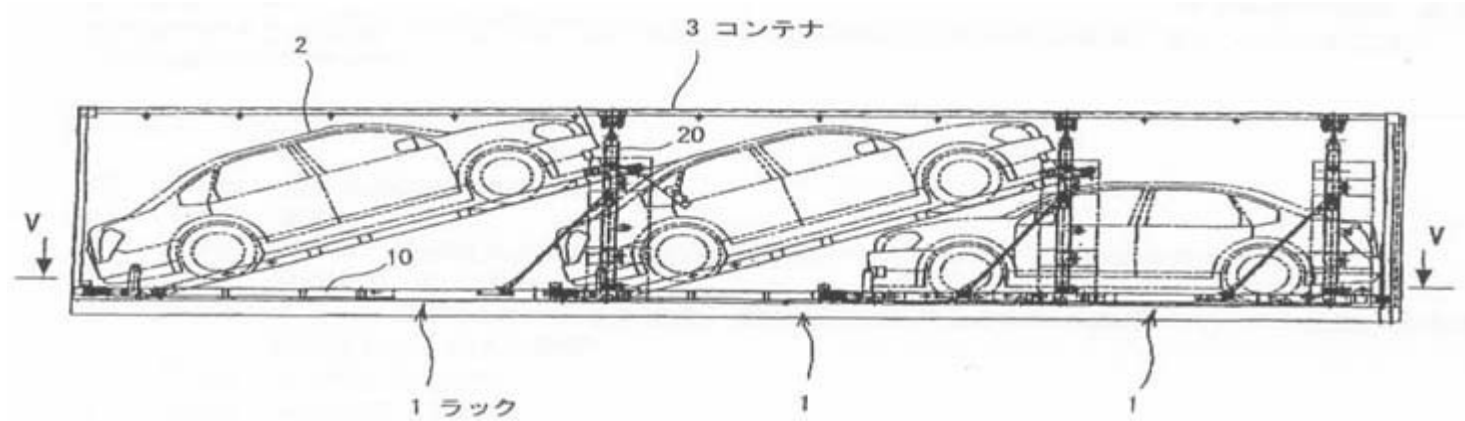


(54) Title of the invention : RACK FOR FREIGHT

(51) International classification :B60P3/07(31) Priority Document No :2003-351621(32) Priority Date :10/10/2003(33) Name of priority country :Japan(86) International Application No :PCT/JP2004/008665Filing Date :14/06/2004(87) International Publication No :WO 2005/035397(61) Patent of Addition to Application Number :NAFiling Date :NA(62) Divisional to to Application Number :NAFiling Date :NA	(71)Name of Applicant : 1)ROKKO ENGINEERING CO. , LTD. Address of Applicant :11-10-1102, NAKAMAYATE-DORI 3-CHOME, CHUO-KU, KOBE-SHI, HYOGO 6500004 Japan(72)Name of Inventor : 1)OMUTA, MAMORU

No of Pages : 38No of Claims : 18

(57) Abstract :
A freight rack capable of reducing the mechanical load on a container and lighter in weight. An automobile rack 1, which is disposed in a container 3 carrying an automobile 2, can reinforce the container 3 from the inside. The freight rack 1 includes a base member 10 movable longitudinally in the container 3 together with the automobile 2 loaded thereon and a vertical bracing member 20 which is brought into contact with the inside upper part of the container 3 to exert an upward force on the container 3.



(54) Title of the invention : OPTICAL FIBER AND METHOD OF MEASURING POLARIZATION MODE DIFFUSION FOR OPTICAL FIBER

(51) International classification :G01M11/02;
G02B6/44
(31) Priority Document No :2003-361812
(32) Priority Date :22/10/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/015625
Filing Date :21/10/2004
(87) International Publication No :WO 2005/038425
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)FUJIKURA LTD.

Address of Applicant :5-1, KIBA 1-CHOME, KOHTOH-KU,
TOKYO Japan

(72)Name of Inventor :

1)GOTO, RYUICHIRO

2)TANIGAWA, SHOJI

3)MATSUO SHOICHIRO

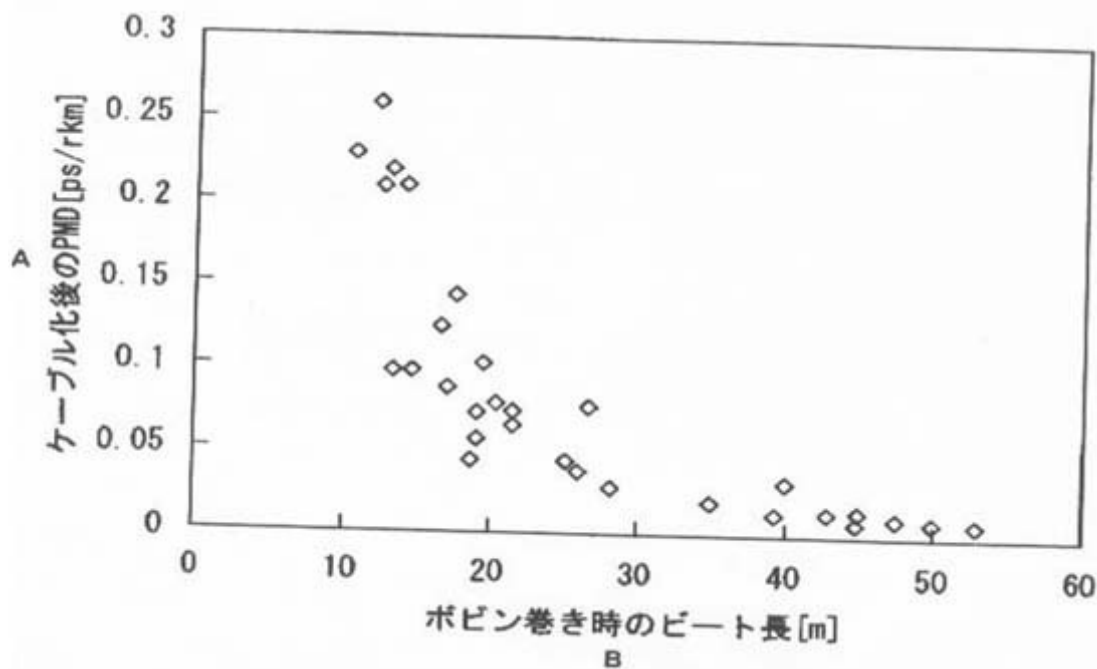
4)HIMENO KUNIHARU

No of Pages : 39

No of Claims : 16

(57) Abstract :

A method of measuring polarization mode dispersion of an optical fiber, includes estimating polarization mode dispersion when an optical fiber is formed as an optical cable, from a beat length when the optical fiber is wound around a bobbin, and an average coupling length when the optical fiber is formed as the optical cable.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.999/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :17/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : TOUGHENED PANE FOR THERMAL INSULATION

(51) International classification	:B32B17/00
(31) Priority Document No	:0312648
(32) Priority Date	:29/10/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR04/050486
Filing Date	:05/10/2004
(87) International Publication No	:WO 2005/042428
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :18 Avenue d'Alsace F-92400 Courbevoie

France

(72)Name of Inventor :

1)MARANDON, Franck

No of Pages : 14

No of Claims : 21

(57) Abstract :

The invention relates to a pane that has undergone a chemical toughening operation so as to have an alkali-metal-ion concentration gradient from its surface over an exchange depth of at least 100 μm , a surface stress of at least 200 MPa, and a strain point at the core of at least 550 $^{\circ}\text{C}$. The pane can be used especially in the field of domestic cooking, as a pyrolytic oven door, stove, fire guard, flue insert, and more generally for separating two gaseous atmospheres at different temperatures. The pane is particularly resistant to heat shocks.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1000/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : SYSTEM AND METHOD FOR IDENTIFYING AGENTS THAT CAUSE A PHENOTYPE CHANGE IN A CELL

(51) International classification	:G01N33/545; C12M1/34
(31) Priority Document No	:10/662,713
(32) Priority Date	:15/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/027862
Filing Date	:26/08/2004
(87) International Publication No	:WO 2005/033833
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BECTON, DICKINSON AND COMPANY

Address of Applicant :1 BECTON DRIVE FRANKLIN LAKES
NJ 07417-1880 U.S.A.

(72)Name of Inventor :

1)HAALAND, Perry D.

2)HEIDARAN, Mohammad, A.

No of Pages : 66

No of Claims : 36

(57) Abstract :

An automated method and system for identifying agents capable of eliciting a phenotypic change in a cell-type is provided. The method includes the steps of: providing receptacles in an array; and providing a statistical design including generic factor names, factor levels and experimental runs. The method further includes the steps of utilizing a software program to generate a computer representation of the statistical design by automatically mapping the identities of the agents to the generic factor names, by mapping the concentration or amounts of the agents to the factor levels and by mapping the locations of the receptacles within the array to the experimental runs. The method also includes placing different mixtures of single agents into receptacles in the array based on the computer representation of the statistical design; contacting the placed mixtures with cells; acquiring experimental data from the contacted cells; and utilizing a processor including an algorithm for comparing the acquired data with the statistical design to identify particular agent mixtures or single agents that cause a phenotypic change in the contacted cells.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1001/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : PANEL WITH HIDDEN ATTACHMENT MEANS

(51) International classification	:E04H 17/14
(31) Priority Document No	:2003248210
(32) Priority Date	:22/09/2003
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2004/001278
Filing Date	:17/09/2004
(87) International Publication No	:WO 2005/028785
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BROWNBILL, ALAN

Address of Applicant :12 OCEAN STREET, KINGSCLIFF,
NEW SOUTH WALES, AUSTRALIA 2487 Australia

(72)Name of Inventor :

1)BROWNBILL, ALAN

No of Pages : 15

No of Claims : 13

(57) Abstract :

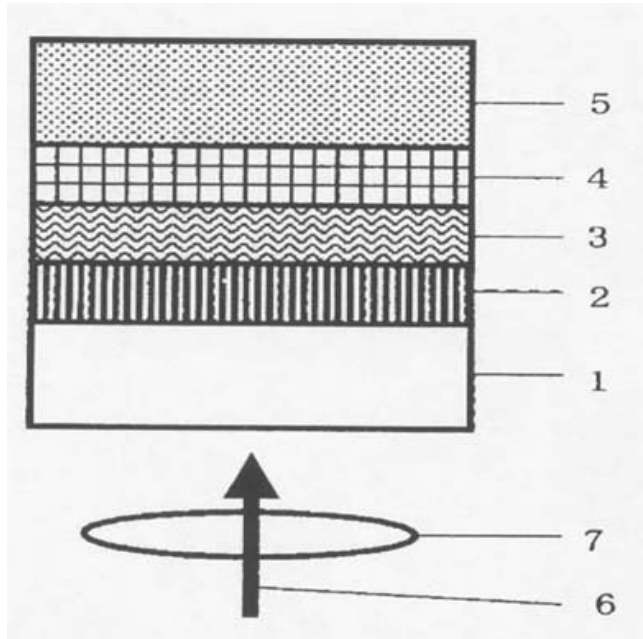
A panel (10) comprising a plurality of first members (11) disposed in a first direction, at least some said first members defining a first part of a passageway, at least one second member (12) disposed in a second direction and includes at least one passage portion (13) defining a second part of the passageway, the second member (12) having a plurality of openings for at least partially receiving a said first member (11), and at least one elongate locking member (14), adapted to pass through the passageway, wherein the passage portion (13) has a periphery (15) which extends at least partially about the elongate locking member (14), with at least one opening (16) in a wall of the periphery (15) to allow adjustment of the elongate locking member (14) as it passes through the passage portion (13).

(54) Title of the invention : OPTICAL INFORMATION RECORDING MEDIUM AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :G11B7/00(31) Priority Document No :2004-249764(32) Priority Date :30/08/2004(33) Name of priority country :Japan(86) International Application No :PCT/JP2005/013246Filing Date :19/07/2005(87) International Publication No :WO 2006/025162(61) Patent of Addition to Application Number :NAFiling Date :NA(62) Divisional to to Application Number :NAFiling Date :NA	(71)Name of Applicant : 1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 JAPAN, Japan(72)Name of Inventor : 1)HIDEKI KITAURA 2)RIE KOJIMA

No of Pages : 22No of Claims : 12

(57) Abstract :
The present invention provides a recording medium that has high reliability and affords good recording and reproduction characteristics over a wide linear velocity range and high density, as well as a method for manufacturing the recording medium. To this end, an optical information recording medium comprises at least a recording layer that changes its state to be different and optically detectable by irradiating with a light beam, an optical absorption layer composed of a material containing at least 50 at% and no more than 95 at% silicon, and a reflective layer composed of a material containing at least 95 at% silver and no more than 5 at% indium, with these layers provided in that order on a transparent substrate.



(54) Title of the invention : METHOD FOR ASSESSING A QUALITY OF A PRINT PRODUCT PRODUCED BY A PRINTING MACHINE

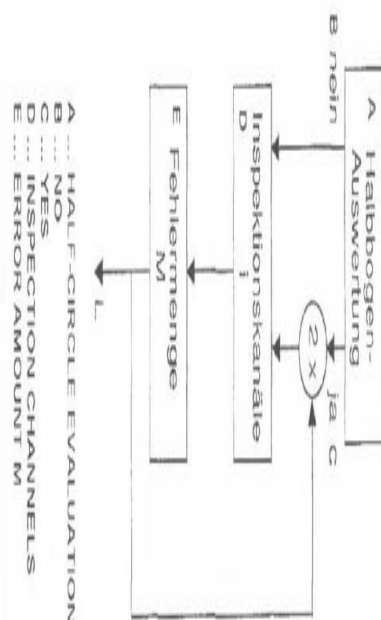
(51) International classification	:G07D7/00; B41F33/00; B41F33/14	(71)Name of Applicant :
(31) Priority Document No	:102004019978.7	1)KOENIG & BAUER AKTIENGESELLSCHAFT
(32) Priority Date	:23/04/2004	Address of Applicant :FRIEDRICH-KOENIG-STR. 4, 97080 WURZBURG Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/051525	1)DIEDERICHS, CARSTEN
Filing Date	:06/04/2005	2)LOHWEG, VOLKER
(87) International Publication No	:WO 2005/104034	3)TURKE, THOMAS
(61) Patent of Addition to Application Number	:NA	4)WILLEKE, HARALD HEINRICH
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 43

(57) Abstract :

The invention provides a method for evaluating the quality of a printed matter, produced by a printing machine, said printing machine producing several copies of the same printed matter, whereby an amount of copies is selected from the produced copies of said printed matter, whereby the copies of said selected amount are evaluated with regard to at least one error type, belonging to an amount of different error types and/or with regard to at least one feature of the error, belonging to an amount of different features of an error, whereby, within the selected amount of copies, an error of a defined error type or defined feature, detected on at least one of said copies, is evaluated in relation to at least one error of another error type or feature, detected on the same copy or another copy of said selected amount, whereby the printed matter is classified as having a good or bad quality due to said evaluation, whereby a common recording, producing image data, is obtained by means of an image sensor from the copies of the selected amount of produced copies of the printed matter and whereby all the errors, to be evaluated in relation to each other, are detected from image data of the same recording.

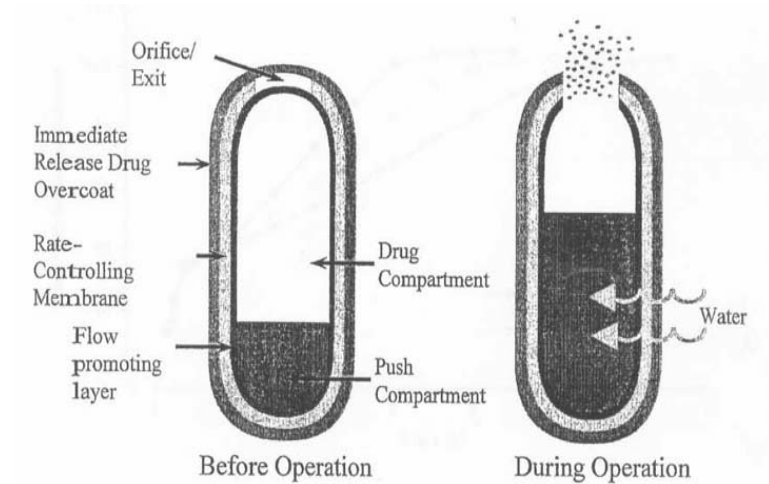


(54) Title of the invention : CONTROLLED RELEASE FORMULATIONS OF OPIOID AND NONOPIOID ANALGESICS

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:60/506,195	1)ALZA CORPORATION
(32) Priority Date	:26/09/2003	Address of Applicant :1900 CHARLESTON ROAD P.O.BOX
(33) Name of priority country	:U.S.A.	7210 MOUNTAIN VIEW CA 94043 U.S.A.
(86) International Application No	:PCT/US2004/031420	(72)Name of Inventor :
Filing Date	:24/09/2004	1)EVANGELINE CRUZ
(87) International Publication No	:WO 2005/030181	2)GREGORY C. RUHLMANN
(61) Patent of Addition to Application Number	:NA	3)DAVID EDGREN
Filing Date	:NA	4)LARRY G. HAMEL
(62) Divisional to to Application Number	:NA	5)YE HUANG
Filing Date	:NA	6)ATUL D. AYER

No of Pages : 148No of Claims : 102

(57) Abstract :
Sustained release dosage forms for twice daily oral dosing to a human patient for providing relief from pain are provided. The sustained release dosage form comprises an immediate release component and a sustained release component, wherein the immediate release component and the sustain release component collectively contain a therapeutically effective amount of an opioid analgesic and a therapeutically effective amount of nonopioid analgesic. In a preferred embodiment, the nonipiod anagecis is acetaminophen and the opioid analgesic is hydrocodone and pharmaceutically acceptable salts thereof, and in preferred embodiments, the pharmaceutically aacceptable salt is bitartrate. The dosage forms produce plasma profiles in a patient characterized by a Cmax for hydrocodone of between about 0.6 ng/mL/mg to about 1.4 ng/mL/mg and an AUC for hydrocodone of between about 9.1 ng*hr/mL/mg to about 19.9ng*hr/mL/mg (per mg hydrocodone bitartrate administered and a Cmax for acetaminophen of between about 2.8 ng/mL/mg and 7.9 ng/mL/mg and AUC for acetaminophen of between about 28.6ng*hr/mL/mg and about 59.1ng*hr/mL/mg (per mg acetaminophen administered) after a single dose.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1005/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : PEPTIDICALLY BUFFERED FORMULATIONS FOR ELECTROTRANSPORT APPLICATIONS AND METHODS OF MAKING

(51) International classification	: A01N1/00
(31) Priority Document No	:60/523,470
(32) Priority Date	:19/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/039184
Filing Date	:19/11/2004
(87) International Publication No	:WO 2005/051485
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALZA CORPORATION
Address of Applicant :1900 Charleston Road P.O.BOX 7210
Mountain View CA 94043 U.S.A.
(72)**Name of Inventor :**
1)RAUSER, David
2)PADMANABHAN, Rama
3)PHIPPS, Joseph, B
4)CORMIER, Michel

No of Pages : 44

No of Claims : 28

(57) Abstract :

Methods for preparing compositions for use in electrotransport delivery systems. The method includes providing a drug solution comprising drug ions and associated counter ions; adjusting the pH of the drug solution by contacting the drug solution with a ion exchange material first; separating the ion exchange material from the pH-adjusted drug solution; and buffering the pH-adjusted drug solution with a buffer. A peptidic buffer is preferably used. The methods result in compositions suitable for use in electrotransport delivery systems.

(54) Title of the invention : CONTROLLED RELEASE FORMULATIONS EXHIBITING AN ASCENDING RATE OF RELEASE

(51) International classification :A61K9/00;
A61K9/24
(31) Priority Document No :60/506,195
(32) Priority Date :26/09/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/031509
Filing Date :24/09/2004
(87) International Publication No :WO 2005/030182
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ALZA CORPORATIONAddress of Applicant :1900 Charleston Road P.O.BOX 7210
Mountain View CA 94043 U.S.A.

(72)Name of Inventor :

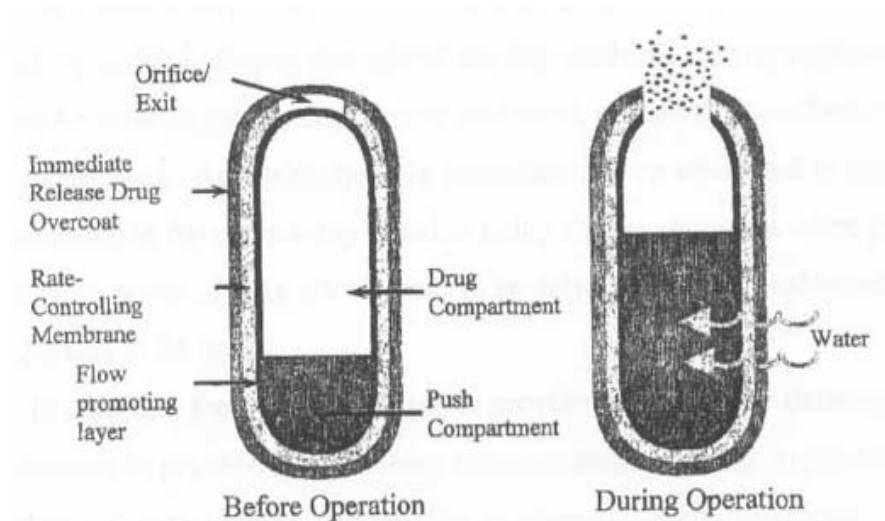
1)Evangeline Cruz**2)Gregory C. Ruhlmann****3)David Edgren**

No of Pages : 91

No of Claims : 49

(57) Abstract :

A sustained release dosage form is comprising a pharmaceutically active agent and pharmaceutically acceptable salts thereof and adapted to release as an erodible solid over a prolonged period of time, wherein the dosage form provides an ascending rate of release of the pharmaceutically active agent for at lease about 4 hours. The dosage form is able to deliver high doses of poorly soluble or slowly dissolving active agents. When additional pharmaceutically active agents are present, the agents are released form the dosage form at rates that are proportional to the respective weights of each active agent in the dosage form. Methods of using the dosage forms to treat disease or conditions in human patients are also disclosed.



(54) Title of the invention : REDUCING SHARED DOWNLINK RADIO CHANNEL INTERFERENCE BY TRANSMITTING TO MULTIPLE MOBILES USING MULTIPLE ANTENNA BEAMS

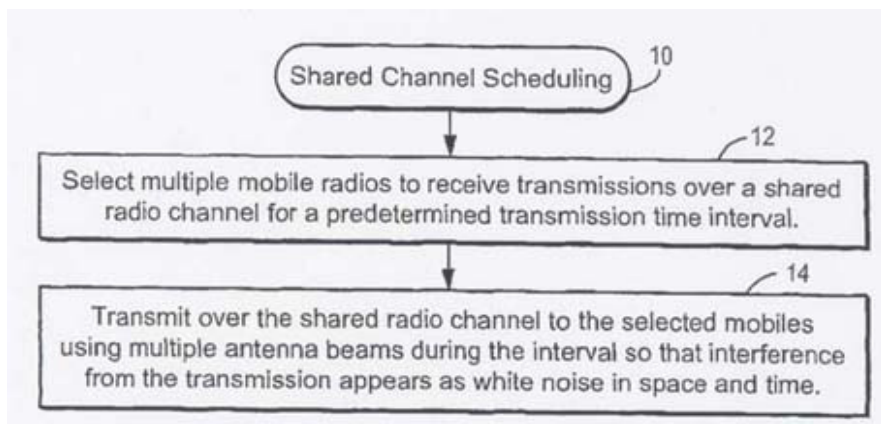
(51) International classification	:H04B7/04; H04L12/56;	(71)Name of Applicant :
(31) Priority Document No	:10/668,363	1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
(32) Priority Date	:24/09/2003	Address of Applicant :TORSHAMNSGATAN 23, S-164 83
(33) Name of priority country	:U.S.A.	STOCKHOLM Sweden
(86) International Application No	:PCT/SE2004/001218	(72)Name of Inventor :
Filing Date	:20/08/2004	1)OSSEIRAN, AFIF
(87) International Publication No	:WO 2005/029896	2)LOGOTHETIS, ANDREW
(61) Patent of Addition to Application Number	:NA	3)ERICSON, MARTEN
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 24

(57) Abstract :

A radio base station includes multiple antennas associated with a cell. Multiple mobile radios are selected to receive transmissions over a shared radio channel during a predetermined time interval. Information is transmitted over the shared radio channel to multiple mobile radios in the cell during the predetermined time interval using multiple antenna beams. As a result, interference from the transmission appears as white additive Gaussian noise in time and in space in the cell. A "flashlight effect" caused by a single beam transmission over the shared channel during a predetermined time interval that would normally detrimentally impact mobile channel quality detection is avoided. Other methods for avoiding the flashlight effect are described.



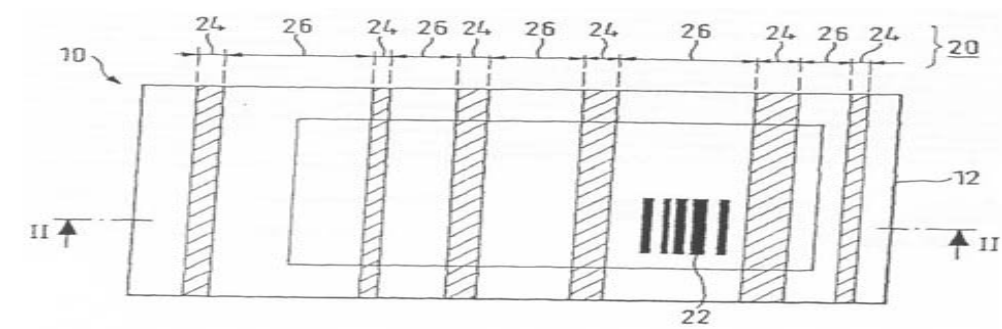
(54) Title of the invention : SECURITY DOCUMENT PROVIDED WITH DIFFERENT MARKING CHARACTERISTICS

(51) International classification :B42D15/00 (31) Priority Document No :10346632.0 (32) Priority Date :08/10/2003 (33) Name of priority country :Germany (86) International Application No :PCT/EP2004/011129 Filing Date :05/10/2004 (87) International Publication No :WO 2005/035261 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)GIESECKE & DEVERENT GMBH Address of Applicant :PRINZREGENTENSTRASSE 159, 81677 MUNCHEN, Germany (72)Name of Inventor : 1)SCHWENK, GERHARD 2)GIERING, THOMAS 3)STENZEL, GERHARD 4)KAULE, WITTICH

No of Pages : 19

No of Claims : 29

(57) Abstract :
The invention relates to a security document, especially a bank note, comprising a security document substrate and at least one marking characteristic for recognising authenticity and at least two different marking characteristics which are used to examine the security document. According to the invention, a first and a second marking characteristic are provided on and/or in the security document substrate in the form of codes which are independent from each other, said substrate at least partially reproducing the contents, e.g. declaration of value, currency etc.



(54) Title of the invention : SECURITY DOCUMENT

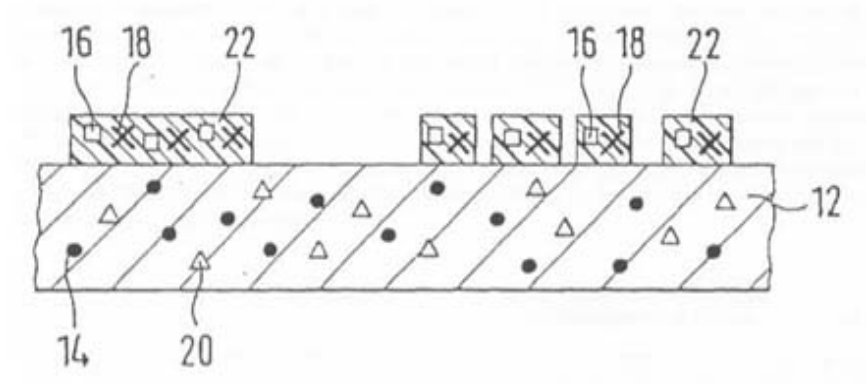
(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date :B42D15/00 :103 46 634.7 :08/10/2003 :Germany :PCT/EP2004/011127 :05/10/2004 :WO 2005/036477 :NA :NA :NA :NA		(71)Name of Applicant : 1)GIESECKE & DEVRIENT GMBH Address of Applicant :PRINZREGENTENSTRASSE 159, 81677 MUNCHEN, Germany (72)Name of Inventor : 1)SCHWENK, GERHARD 2)GIERING, THOMAS 3)STENZEL, GERHARD 4)KAULE, WITTICH

No of Pages : 26

No of Claims : 40

(57) Abstract :

The invention relates to a value document, in particular a bank note, having a value document substrate and at least three different feature substances for checking the value document, which has a first feature substance, and wherein second and third feature substances are applied to the value document substrate in a printing ink jointly. The second feature substance is formed by a luminescent substance, and the third feature substance by a material absorbent in a special spectral range.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1010/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : AQUEOUS SOLUTION PREPARATION CONTAINING AMINOGLYCOSIDE ANTIBIOTIC AND BROMFENAC

(51) International classification	:A61K31/7036; A61K31/196
(31) Priority Document No	:2003-384646
(32) Priority Date	:14/11/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/016849
Filing Date	:12/11/2004
(87) International Publication No	:WO 2005/046700
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :5-8, HIRANOMACHI 2-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0046 Japan
(72)**Name of Inventor :**
1)SAWA SHIROU

No of Pages : 35

No of Claims : 8

(57) Abstract :

Stable and clear aqueous solution preparations comprising aminoglycoside antibiotics or a pharmacologically acceptable salt thereof and bromfenac being a nonsteroidal antiinflammatory agent or a pharmacologically acceptable salt thereof.

(54) Title of the invention : DISULFIDE, SULFIDE, SULFOXIDE, AND SULFONE DERIVATIVES OF CYCLIC SUGARS AND USES THEREOF

(51) International classification	:C07D493/04; A61K31/34; C07D493/00
(31) Priority Document No	:200302368
(32) Priority Date	:03/10/2003
(33) Name of priority country	:Spain
(86) International Application No	:PCT/EP2004/010882
Filing Date	:29/09/2004
(87) International Publication No	:WO 2005/037842
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LACER, S.A.

Address of Applicant :SARDENYA 350 E-08025 BARCELONA Spain

(72)Name of Inventor :

1)REPOLLES MOLINER, JOSE

2)SALAS PEREZ-RASILLA, EDUARDO

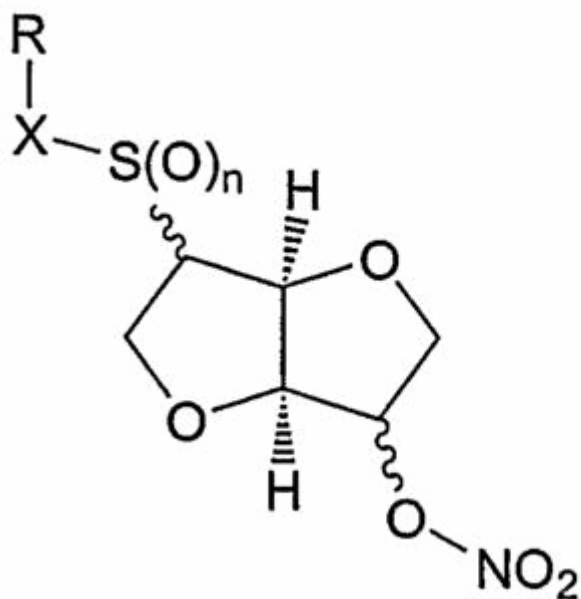
3)PUBILL COY, FRANCISCO

No of Pages : 89

No of Claims : 64

(57) Abstract :

In the present invention there are disclosed new derivatives of dianhydrohexite mononitrate corresponding to formula (I), tautomers, pharmaceutically acceptable salts, prodrugs and solvates thereof as well as pharmaceutical compositions comprising these compounds and uses thereof.



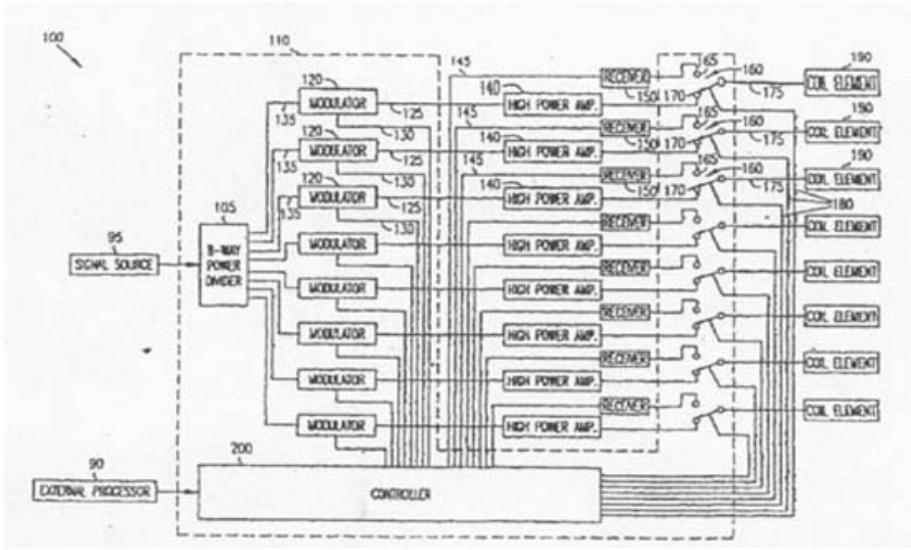
(I)

(54) Title of the invention : PARALLEL TRANSCIEVER FOR NUCLEAR MAGNETIC RESONANCE SYSTEM

(51) International classification	:G01V3/00; G01V3/00	(71)Name of Applicant :
(31) Priority Document No	:60/508,662	1)REGENTS OF THE UNIVERSITY OF MINNESOTA
(32) Priority Date	:03/10/2003	Address of Applicant :450 MCNAMARA ALUMNI CENTER, 200 OAK STREET S.E., MINNEAPOLIS, MN 55455-2070 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2004/032531	1)VAUGHAN J THOMAS, JR.
Filing Date	:04/10/2004	2)ADRIANY GREGOR
(87) International Publication No	:WO 2005/034141	3)UGURBIL KAMIL
(61) Patent of Addition to Application Number	:NA	4)STRUPP JOHN
Filing Date	:NA	5)ANDERSEN PETER
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

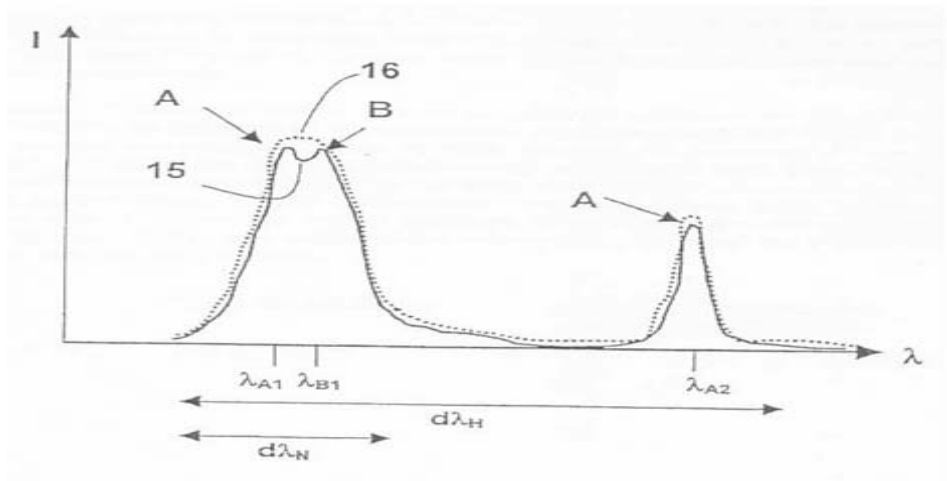
No of Pages : 27No of Claims : 20

(57) Abstract :
An excitation and detection circuit having individually controllable elements for use with a multi-element radio frequency coil. Characteristics of the driving signal, including, for example, the phase, amplitude, frequency and timing, from each element of the circuit is separately controllable using small signals. Negative feedback for the driving signal associated with each coil element is derived from a receiver coupled to that coil element.



(12) PATENT APPLICATION PUBLICATION		(21) Application No.1013/KOLNP/2006 A
(19) INDIA		
(22) Date of filing of Application :20/04/2006		(43) Publication Date : 20/04/2007
(54) Title of the invention : SYSTEM FOR VERIFYING SECURITY FEATURES OF VALUABLE DOCUMENTS		
(51) International classification :G07D7/12; G07D7/0 (31) Priority Document No :103 46 635.5 (32) Priority Date :08/10/2003 (33) Name of priority country :Germany (86) International Application No :PCT/EP2004/011134 Filing Date :05/10/2004 (87) International Publication No :WO 2005/036480 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA		(71)Name of Applicant : 1)GIESECKE & DEVRIENT GMBH Address of Applicant :PRINZREGENTENSTRASSE 159, 81677 MUNCHEN Germany (72)Name of Inventor : 1)GIERING, THOMAS 2)SCHWENK, GERHARD
No of Pages : 19		No of Claims : 19

(57) Abstract :
The invention relates to a system for verifying security features of valuable documents, comprising at least one sensor in areas of different security categories. The fabrication of forgeries is prevented with particular reliability by virtue of the fact that, according to the security category, different sensor parameters are provided for the respective verification of the security feature in order to verify the same security feature in a different manner.



(54) Title of the invention : SECURITY DOCUMENT

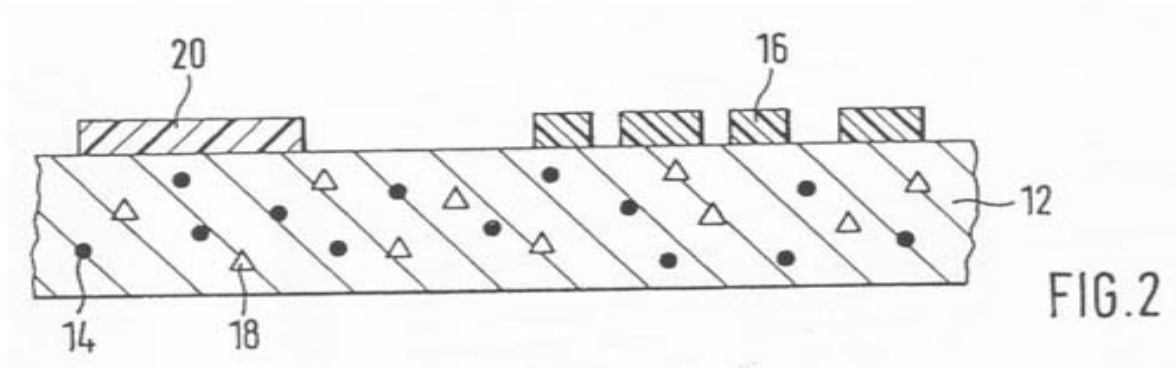
(51) International classification	:B42D15/00; B42D15/10	(71)Name of Applicant :
(31) Priority Document No	:103 46 633.9	1)GIESECKE & DEVRIENT GMBH
(32) Priority Date	:08/10/2003	Address of Applicant :PRINZREGENTENSTRASSE 159, 81677
(33) Name of priority country	:Germany	MUNCHEN Germany
(86) International Application No	:PCT/EP2004/011130	(72)Name of Inventor :
Filing Date	:05/10/2004	1)SCHWENK, GERHARD
(87) International Publication No	:WO 2005/035262	2)GIERING, THOMAS
(61) Patent of Addition to Application Number	:NA	3)STENZEL, GERHARD
Filing Date	:NA	4)KAULE, WITTICH
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 31

(57) Abstract :

This invention relates to a value document, in particular a bank note, having a value document substrate and at least two different feature substances for checking the value document According to the invention, a first feature substance is incorporated into the volume of the substrate of the value document, and a second feature substance applied to the value document substrate in the form of a coding.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1015/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : THIOETHER-SUBSTITUTED BENZAMIDES AS INHIBITORS OF FACTOR XA

(51) International classification :C07D 401/12 (31) Priority Document No :60/510,264 (32) Priority Date :09/10/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2004/032924 Filing Date :05/10/2004 (87) International Publication No :WO 2005/034867 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)MILLENNIUM PHARMACEUTICALS, INC. Address of Applicant :40 LANDSDOWNE STREET, CAMBRIDGE, MASSACHUSETTS 02139 U.S.A. (72)Name of Inventor : 1)ZHU, BING-YAN 2)GOLDMAN, ERICK, A. 3)HUANG, WENRONG 4)ZHANG, PENGLIE

No of Pages : 34

No of Claims : 30

(57) Abstract :
Thioether-substituted benzamide compounds having the formula, are provided that exhibit exceptionally strong inhibition of Factor Xa in combination with weak hERG binding.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1016/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD OF REMOVING SCRATCHES FROM A COMPACT DISC

(51) International classification	:B29C73/34
(31) Priority Document No	:60/510,361
(32) Priority Date	:10/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/033774
Filing Date	:12/10/2004
(87) International Publication No	:WO 2005/036370
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOWAK, JULIUS, J.
Address of Applicant :38746, HIDDEN LANE, CLINTON
TOWNSHIP MI 48036 U.S.A.
(72)**Name of Inventor :**
1)NOWAK, JULIUS J,

No of Pages : 27

No of Claims : 13

(57) Abstract :

An apparatus and method is disclosed for repairing and removing scratches from an optically-read disc, e.g., compact discs (often called "CD's" or "DVD's" such that when refurbished, an optical reader, which uses a laser to read digital information stored on the disc, can read the digital information on the disc without the optical distortion caused by a scratch and like surface imperfection.

(54) Title of the invention : BIPHENYL DERIVATIVE OR ITS SALT, AND PESTICIDE CONTAINING IT AS AN ACTIVE INGREDIENT

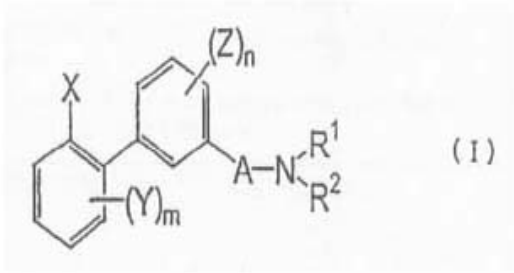
(51) International classification :A01N 37/18 (31) Priority Document No :2003-381152 (32) Priority Date :11/11/2003 (33) Name of priority country :Japan (86) International Application No :PCT/JP2004/017034 Filing Date :10/11/2004 (87) International Publication No :WO 2005/044007 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)ISHIHARA SANGYO KAISHA, LTD. Address of Applicant :3-15, EDOBORI 1-CHOME, NISHI-KU, OSAKA-SHI, OSAKA 550002 Japan (72)Name of Inventor : 1)MITANI, SHIGERU 2)NAKAYAMA, HITOSHI 3)SUGIMOTO, KOJI 4)OGAWA, MUNEKAZU

No of Pages : 90

No of Claims : 6

(57) Abstract :

A pesticide having stabilized high pesticidal effects for crop plants infected with plant diseases, is presented. The pesticide contains a biphenyl derivative represented by the formula (I) or its salt, as an active ingredient: wherein X, Y and Z are each independently a halogen atom, a hydroxyl group, a formyl group, an alkyl group which may be substituted, an alkoxy group which may be substituted, an alkylthio group, an alkylsulfonyl group, an alkylsulfinyl group, or the like, A is a carbonyl group, a thiocarbonyl group, an alkylene group, or a single bond, R and R are each independently a hydrogen atom, an alkyl group which may be substituted, an alkenyl group which may be substituted, an alkynyl group which may be substituted, an aryl group which may be substituted, a formyl group, an alkylcarbonyl group, a cyano group, or the like, and m and n are each independently 0, 1, 2, 3 or 4.

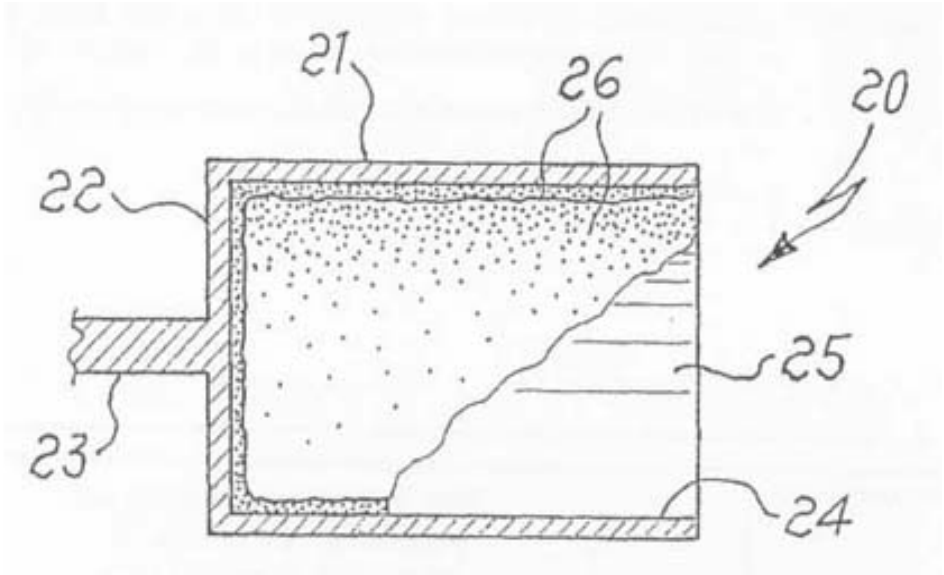


(54) Title of the invention : CATHODE WITH INTEGRATED GETTER AND LOW WORK FUNCTION FOR COLD CATHODE METHODS FOR MANUFACTURING SUCH A METHOD

(51) International classification	:H01J 7/18	(71)Name of Applicant :
(31) Priority Document No	:MI2003A002208	1)SAES GETTERS S.P.A.
(32) Priority Date	:14/11/2003	Address of Applicant :VIALE ITALIA, 77 I-20020, LAINATE
(33) Name of priority country	:Italy	MI, Italy
(86) International Application No	:PCT/IT2004/000614	(72)Name of Inventor :
Filing Date	:09/11/2004	1)CORAZZA, ALESSIO
(87) International Publication No	:WO 2005/048293	2)MASSARO, VINCENZO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18No of Claims : 8

(57) Abstract :
There are disclosed several embodiments of a cathode (11; 20; 30) for cold cathode lamps having the surface at least partially coated with a layer of a getter material (15; 26; 31), which allows to achieve a reduction of the value of the work function of the cathode and therefore a reduction of the power consumption of the lamp.



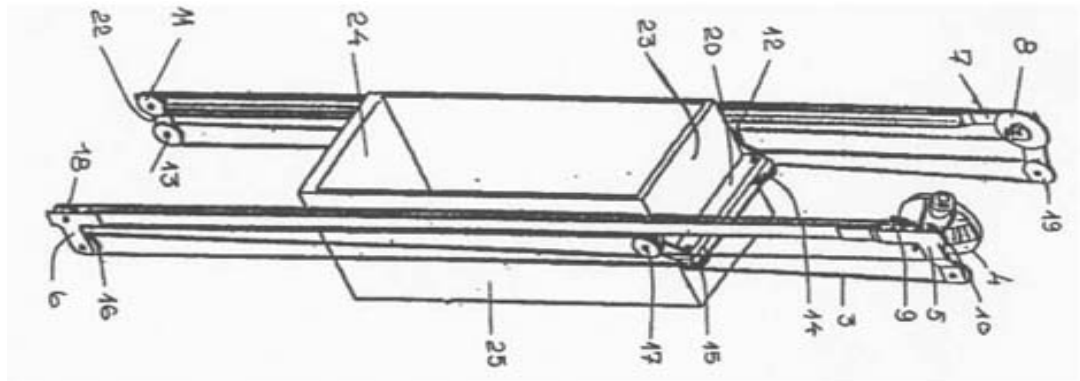
(54) Title of the invention : METHOD FOR INSTALLING AN ELEVATOR

(51) International classification :B66B 7/10		(71)Name of Applicant :
(31) Priority Document No :20031664		1)KONE CORPORATION
(32) Priority Date :17/11/2003		Address of Applicant :KARTANONTE 1, FI 00330 HELSINKI,
(33) Name of priority country :Finland		Finland
(86) International Application No :PCT/FI2004/000659		(72)Name of Inventor :
Filing Date :09/11/2004		1)BJORNI OSMO
(87) International Publication No :WO 2005/047163		2)AULANKO ESKO
(61) Patent of Addition to Application Number :NA		3)VANTANEN TEUVO
Filing Date :NA		4)MUSTALAHTI JORMA
(62) Divisional to to Application Number :NA		
Filing Date :NA		

No of Pages : 38

No of Claims : 10

(57) Abstract :
An elevator, preferably an elevator without counterweight, comprising a number of diverting pulleys in the upper part of an elevator shaft or equivalent, a number of diverting pulleys in the lower part of the elevator shaft and a number of diverting pulleys on an elevator car, is installed in such manner that at least some of the diverting pulleys for the upper part are rigged in the lower part of the elevator shaft and at least some of the diverting pulleys from which the passage of the ropes is directed upwards are rigged at the same time. The diverting pulleys for the upper part thus rigged are raised in the rigged state to the upper part of the elevator shaft or equivalent and mounted in place.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1020/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : A TIE-COAT COMPOSITION COMPRISING AT LEAST TWO TYPES OF FUNCTIONAL POLYSILOXANE COMPOUNDS AND A METHOD FOR USING THE SAME FOR ESTABLISHING A COATING ON A SUBSTRATE

(51) International classification	:C09D 5/00
(31) Priority Document No	:PA2003 01458
(32) Priority Date	:03/10/2003
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2004/000415
Filing Date	:15/06/2004
(87) International Publication No	:WO 2005/033219
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :LUNDTOFTEVEJ 150, DK-2800

LYNGBY, Denmark

(72)Name of Inventor :

1)GRONLUND SCHOLTEN, MARTIN ANDREAS

2)WEINRICH THORLAKSEN PETER CHRISTIAN

3)OXFELDT ANDERSEN, ANNIE

4)JUUL NIELSEN, ALLAN

No of Pages : 68

No of Claims : 25

(57) Abstract :

The present invention relates to tie-coat compositions for fouling-release paint systems. The invention provides a method of coating a substrate with a coating composition comprising at least two types of functional polysiloxane compounds selected from epoxy-functional polysiloxanes, amino-functional polysiloxanes, and particular adhesion promoting agents of the polysiloxane type. The present invention also provides a substrate coated with such a composition and a composition particularly useful for said method. The binder phase may also comprise constituents of epoxy paint compositions, e.g. epoxy resins and amine curing agents. The compositions are particularly relevant in combination with diorganopolysiloxane-based fouling-release coatings and anticorrosive epoxy primer coatings.

(54) Title of the invention : COMPUTER-BASED TRANSACTION SYSTEM AND COMPUTER IMPLEMENTED METHOD FOR TRANSACTING SERVICES BETWEEN A SERVICE PROVIDER AND A CLIENT

(51) International classification :G06Q10/00;
G06Q10/00
(31) Priority Document No :60/541,036
(32) Priority Date :03/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CH2005/000060
Filing Date :03/02/2005
(87) International Publication No :WO 2005/076168
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SWISS REINSURANCE COMPANY

Address of Applicant :MYTHENQUAI 50/60, 8022 ZURICH
Switzerland

(72)Name of Inventor :

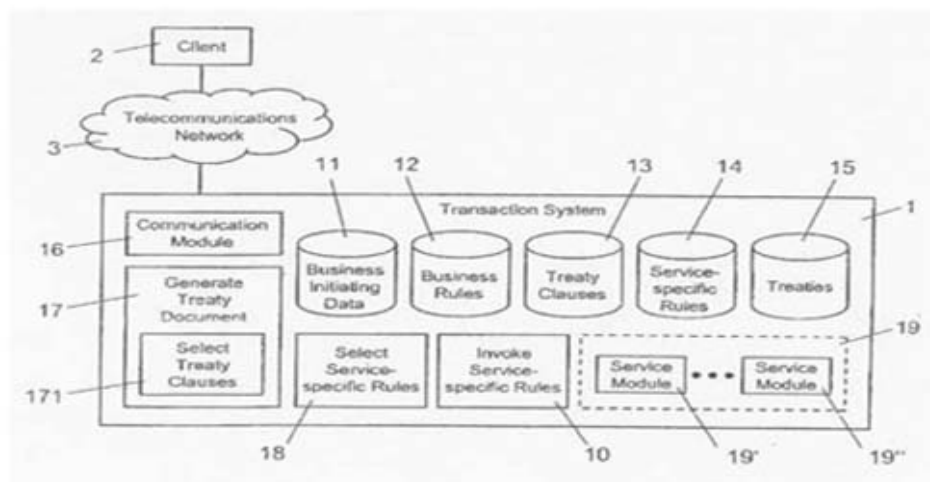
1)DEREK SCANNEL

No of Pages : 43

No of Claims : 21

(57) Abstract :

This invention relates to a computer-based transaction system (1) operated by a service provider includes a stored set of business rules (12) for defining a treaty, a stored set of treaty clauses (13), and a stored set of service-specific rules (14). The transaction system (1) is configured to receive and store business-initiating data from a client (2) via a telecommunications network (3). The transaction system (1) generates automatically a treaty document by applying the business rules (12) to the business-initiating data to select the treaty clauses forming the treaty document. Furthermore, the transaction system (1) selects automatically service-specific rules related to the treaty clauses forming the treaty document. A message management module is configured to map automatically electronic messages received from the client (2) into a data format, defined by the service provider, based on metadata, defined by the selected service-specific rules.



(54) Title of the invention : ELECTROMAGNETIC VALVE

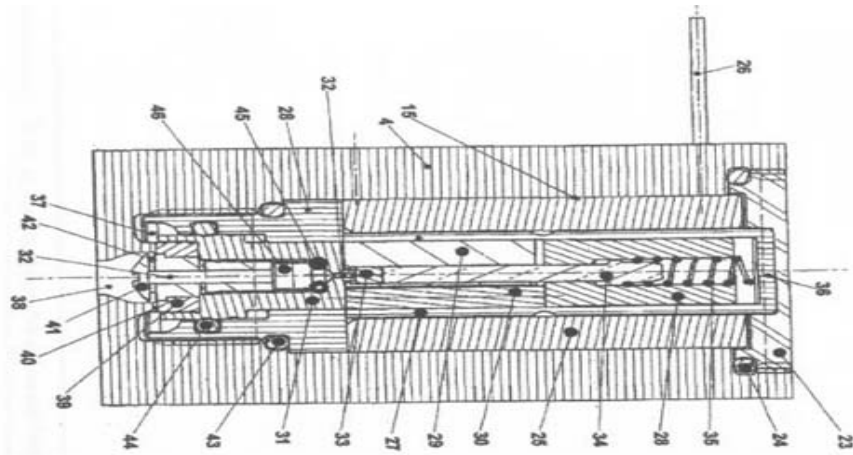
(51) International classification	:F01L 9/00	(71)Name of Applicant :
(31) Priority Document No	:10349378.6	1)ADAM OPEL AG
(32) Priority Date	:21/10/2003	Address of Applicant :65423 Russelsheim, Germany Germany
(33) Name of priority country	:Germany	2)PERTHEL, KLAUS
(86) International Application No	:PCT/EP04/011913	(72)Name of Inventor :
Filing Date	:21/10/2004	1)PERTHEL, KLAUS
(87) International Publication No	:WO/2005/040654	2)JAUSS, ANDREAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 20

(57) Abstract :

The invention relates to an electromagnetic valve for a vehicle gas cylinder, said valve comprising: a valve body (4); an external thread section of the valve body, that can be screwed into an internal thread on the gas cylinder; a section of the valve body (4) protruding into the gas cylinder; a shut-off piston (31); and electromagnetic control elements (25,28,29) which can be used to displace the shut-off piston (31) from a conducting position into a closed position. The valve body (4) comprises a cavity (15) for receiving the shut-off piston (31) and the control elements (25, 28, 29), said cavity being located inside the thread section and/or in the section of the valve body (4) protruding into the gas cylinder. In order to simplify the disassembly and assembly of one such valve, the mouth of the cavity (15) is arranged on the head end of the valve body (4) located outside the gas cylinder. The shut-off piston (31) and the electromagnetic control elements (25, 28, 29) can be inserted into the cavity (15) through the mouth thereof.



(54) Title of the invention : METHOD AND SYSTEM FOR HYBRID RIGID REGISTRATION BASED ON JOINT CORRESPONDENCES BETWEEN SCALE-INVARIANT SALIENT REGION FEATURES

(51) International classification	:G06T7/00	(71)Name of Applicant :	
(31) Priority Document No	:60/504,883	1)SIEMENS MEDICAL SOLUTIONS USA, INC.	
(32) Priority Date	:22/09/2003	Address of Applicant :51 VALLEY STREAM PARKWAY,	
(33) Name of priority country	:U.S.A.	MALVERN, PA 19355-1406 U.S.A.	
(86) International Application No	:PCT/US2004/031056	(72)Name of Inventor :	
Filing Date	:22/09/2004	1)XU, CHENYANG	
(87) International Publication No	:WO 2006/049591	2)HUANG, XIAOLEI	
(61) Patent of Addition to Application Number	:NA	3)SUN, YIYONG	
Filing Date	:NA	4)SAUER, FRANK	
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 31

No of Claims : 43

(57) Abstract :

A method of aligning a pair of images includes providing a pair of images with a first image and a second image, wherein the images comprise a plurality of intensities corresponding to a domain of points in a D -dimensional space. Salient feature regions are identified (101 in both the first image and the second image, a correspondence between each pair of salient feature regions is hypothesized, wherein a first region of each pair is on the first image and a second region of each pair is on the second image, the likelihood of the hypothesized correspondence of each pair of feature regions is measured (102), and a joint correspondence is determined (103) from a set of pairs of feature regions with the greatest likelihood of correspondence.

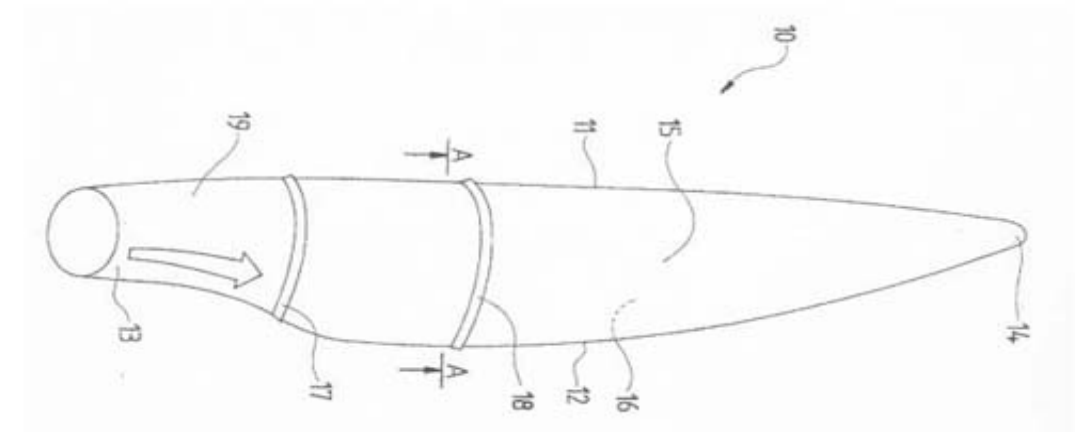
(54) Title of the invention : ROTOR BLADE FOR A WIND POWER PLANT

(51) International classification :F04D 29/38		(71) Name of Applicant : 1)REPOWER SYSTEMS AG Address of Applicant :ALSTERKRUGCHAUSSEE 378, 22335 HAMBURG Germany
(31) Priority Document No	:10347802.7	
(32) Priority Date	:10/10/2003	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2004/011187	
Filing Date	:07/10/2004	
(87) International Publication No	:WO 2005/035978	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	
		(72) Name of Inventor : 1)PETER QUELL 2)MARC PETSCHKE

No of Pages : 13

No of Claims : 16

(57) Abstract :
Disclosed is a rotor blade for a wind power station, comprising a profiled member that is provided with a relative thickness which decreases towards the outside from a root to a tip of the blade. Said profiled member has a leading edge and a trailing edge as well as a suction side and a pressure side while generating a negative pressure relative to the pressure side on the suction side when being flown against by moved air, said negative pressure resulting in buoyancy. The suction side of the rotor blade encompasses a device for optimizing the flow around the profiled member. The inventive rotor blade is characterized by the fact that said device is provided with at least one planar element that extends substantially in the direction of flow, protrudes from the suction side, and is arranged in the zone of a transversal flow which runs from the root to the tip of the blade on the suction side of the profiled member. The height and length of the planar element are selected such that the element causes said transversal flow to be effectively reduced.



(54) Title of the invention : METHOD FOR REMOVING AMMONIA AND DUST FROM AN EXHAUST GAS EMITTED DURING THE MANUFACTURE OF FERTILISERS

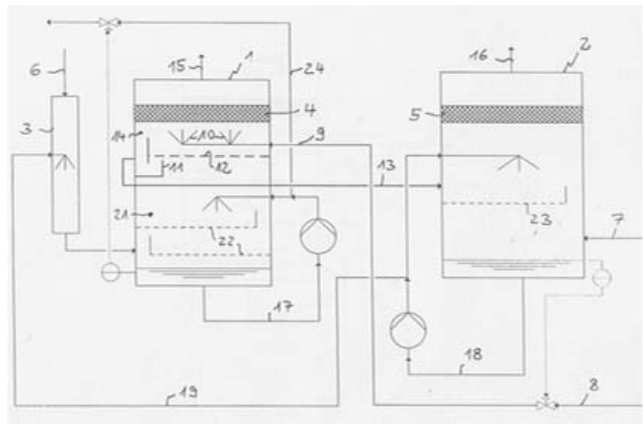
(51) International classification :B01D 53/58 (31) Priority Document No :10346519.7 (32) Priority Date :02/10/2003 (33) Name of priority country :Germany (86) International Application No :PCT/EP2004/009886 Filing Date :04/09/2004 (87) International Publication No :WO 2005/032696 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)UHDE GMBH Address of Applicant :FRIEDRICH-UHDE-STRASSE 15, 44141 DORTMUND Germany (72)Name of Inventor : 1)NIEHUES PAUL 2)FRANZRAHE HARALD

No of Pages : 8

No of Claims : 5

(57) Abstract :

A method for removing ammonia and dust from an exhaust gas emitted during the manufacture of fertilisers, especially urea, in which the exhaust gas is introduced into a first washer and a cooling gas is introduced into a second washer and additional water is introduced into one washer and a watery solution is introduced into the other washer, whereby the exhaust gas as well as the cooling gas pass through at least one demister before coming out of the respective washer, is supposed to be further developed in such a way that the exhaust gas load can be significantly reduced. This is achieved, in that the additional water is initially introduced into a fine washing zone of the first washer bordered on the upper side by the demister and on the lower side by a fluid-impermeable separating floor, and sprayed on to the at least one demister and the resulting water solution in the fine water zone is subsequently guided into the second washer.



(54) Title of the invention : METHOD FOR PRODUCING BACTERICIDAL PYRIDINE COMPOUND AND BACTERICIDAL PYRIDINE COMPOUND

(51) International classification :C07D 213/30
 (31) Priority Document No :2003-380664
 (32) Priority Date :11/11/2003
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2004/016540
 Filing Date :08/11/2004
 (87) International Publication No :WO 2005/044800
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

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2)IGARASHI YOSHIO

3)NOBESHIMA HIROBUMI

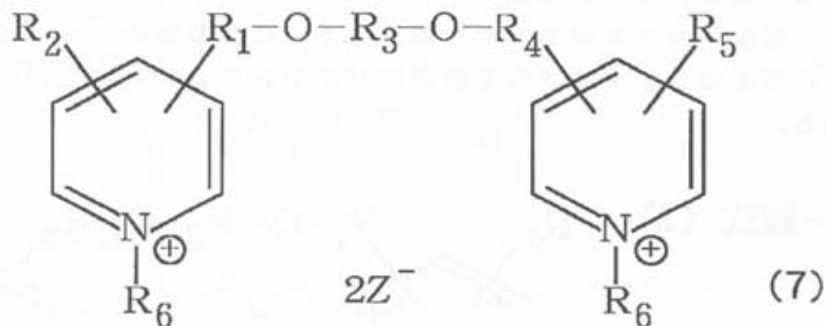
4)METOKI SATOSHI

No of Pages : 82

No of Claims : 26

(57) Abstract :

Disclosed is a method for producing a novel bactericidal pyridine compound represented by the general formula (7) below which enables to produce the novel bactericidal pyridine compound by a simple process at low cost using an easily available pyridine compound as a starting material. (In the formula, R1 and R4 represent the same or different linear or branched alkyl groups having 1-4 carbon atoms; R2 and R5 represent hydrogen atoms, the same or different halogen atoms, lower alkyl groups or lower alkoxy groups; R3 represents a linear or branched alkyl group having 2-12 carbon atoms; R6 represents a linear or branched alkyl group having 1-18 carbon atoms; and Z represents a chlorine atom, a bromine atom, an iodine atom or an OSO₂R7 group (wherein R7 represents a lower alkyl group or a substituted or unsubstituted phenyl group.) Also disclosed is such a bactericidal pyridine compound.



(54) Title of the invention : A WAVE POWER APPARATUS HAVING A FLOAT AND MEANS FOR LOCKING THE FLOAT IN A POSITION ABOVE THE OCEAN SURFACE"

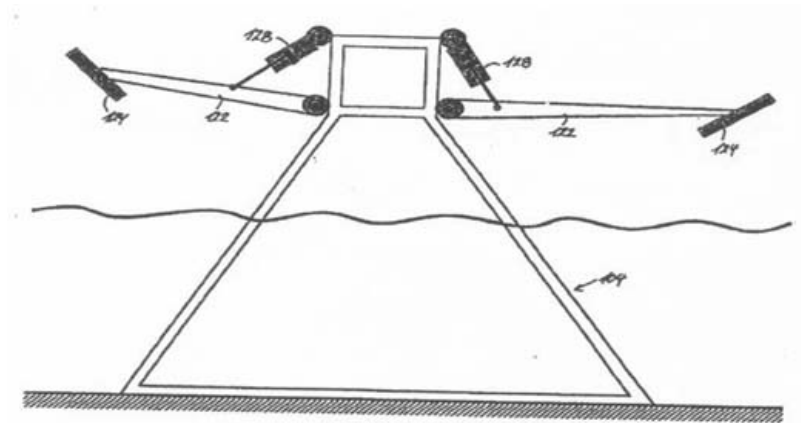
(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date	:F03B11/06; F03B13/18 :PCT/DK03/00693 :14/10/2003 :Denmark :PCT/DK2004/000705 :14/10/2004 :WO 2005/038248 :NA :NA :NA :NA	(71)Name of Applicant : 1)WAVE STAR ENERGY APS Address of Applicant :MAGLEMOSEVEJ 61, DK-2920 CHARLOTTENLUND, Denmark (72)Name of Inventor : 1)RESEN STEENSTRUP PER 2)ARPE HANSEN NIELS 3)HANSEN KELD

No of Pages : 49

No of Claims : 28

(57) Abstract :

A wave power apparatus includes at least one rotationally supported arm (122) which carries a float (124) at its free end, so that a translational movement of the float caused by a wave results in rotation of the arm (122). The apparatus comprises power conversion means for converting power transmitted from the wave to the arms into electric power, e.g. a hydraulic system, in which a hydraulic medium is displaced by the movement of the arm, the hydraulic system being coupled to an electric generator. The apparatus comprises a hydraulic lifting system for lifting the float out of the ocean and for locking the float in an upper position above the ocean surface, e.g. during extreme sea wave conditions, such as storm. The lifting system may comprise at least one pump for pumping hydraulic cylinders for lifting the arm out of the ocean.



(54) Title of the invention : DEVICE AND METHOD FOR DRYING A TREATED PRODUCT

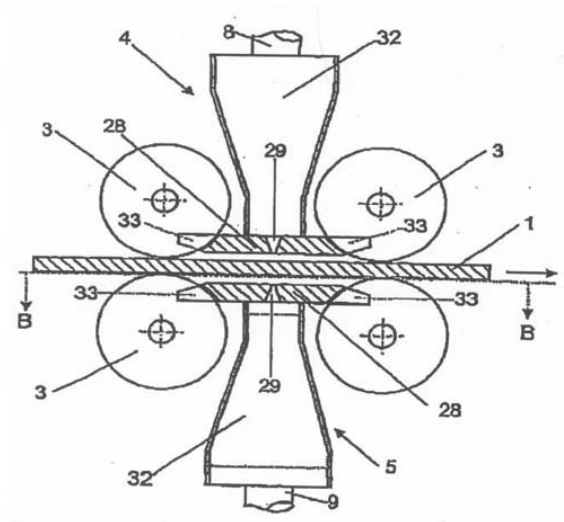
(51) International classification	:F26B3/04; F26B3/02	(71)Name of Applicant :
(31) Priority Document No	:103 48 351.9	1)ATOTECH DEUTSCHLAND GMBH
(32) Priority Date	:17/10/2003	Address of Applicant :ERASMUSSTRASSE 20, 10553 BERLIN.
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2004/011413	(72)Name of Inventor :
Filing Date	:12/10/2004	1)BREHM, KLAUS
(87) International Publication No	:WO 2005/038369	2)HAUF UWE
(61) Patent of Addition to Application Number	:NA	3)WIENER, FERDINAND
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 31

(57) Abstract :

An apparatus and a corresponding method for drying articles which have been treated (1) are proposed, the apparatus including transport means (3) for transporting the treated articles(1) along a transport path. Gas outlet devices (4,5) disposed opposite one another are arranged above the transport path. A gaseous drying medium is supplied separately by fan means to the gas outlet apertures by supply lines (8,9). A pressure associated with each gas outlet device(4,5) is detected and a gas flow associated with the gas outlet device (4,5) is regulated by regulating means as a function of this pressure.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1029/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : INVALIDITY MONITORING PROGRAM, INVALIDITY MONITORING METHOD AND INVALIDITY MONITORING SYSTEM

(51) International classification	:G06F12/14; G06F1/00
(31) Priority Document No	:2003-387212
(32) Priority Date	:17/11/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/009860
Filing Date	:09/07/2004
(87) International Publication No	:WO 2005/048114
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 37

No of Claims : 14

(57) Abstract :

For use in monitoring invalid data that causes a computer to execute an invalid operation there is provided, an invalidity monitoring program that can monitor input/output data sent to and received from not only a network but also an externally connected device and that allows a user to set a variety of invalidity determination rules and apply an efficient rule. A data acquisition unit (14) acquires input/output data, flowing on a network or an externally connected bus, and the ID of an operator. An invalid operation determination unit (15) determines whether an operation is invalid by acquiring attribute information on a user, corresponding to the ID, from a user data storage unit (12), by referencing a rule, corresponding to the attribute information, from the rules stored in an invalidity rule storage unit (13) and defined for the respective user attributes and, in addition, by referencing a rule that generally determines an operation as invalid regardless of the attributes stored in the invalidity rule storage unit (13). If it is found that the operation is invalid, an interruption processing execution unit (16) stops the processing to be executed by the operation.

(54) Title of the invention : DUAL CARD

(51) International classification :G06F17/60
 (31) Priority Document No :PCT/IB2003/004512
 (32) Priority Date :13/10/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/IB2003/004512
 Filing Date :13/10/2003
 (87) International Publication No :WO 2005/048145
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

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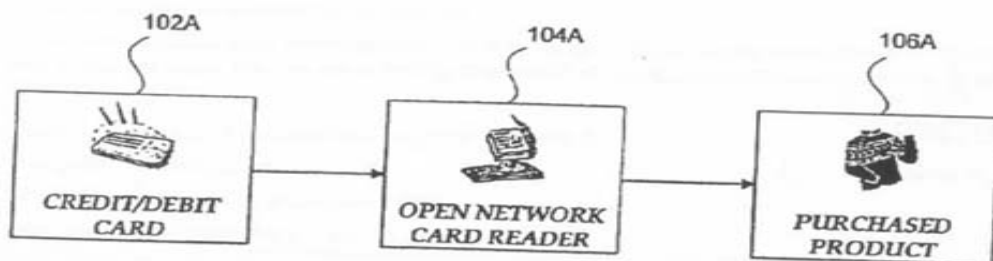
1)COURTION, COLETTE**2)STUMPF, MARY**

No of Pages : 32

No of Claims : 25

(57) Abstract :

A dual card (102A), which facilitates payment for goods or services (106A) from either a credit account or a stored value account, operates on both an open network(104A) and a closed network. The dual card is a payment card that integrates the ability to provide credit privileges and stored value privileges to a cardholder of a dual card. The features, benefits and advantages of a stored value card are integrated with the credit card aspects of the dual card. The benefits, features, and advantages of a credit card are integrated with a stored value card.



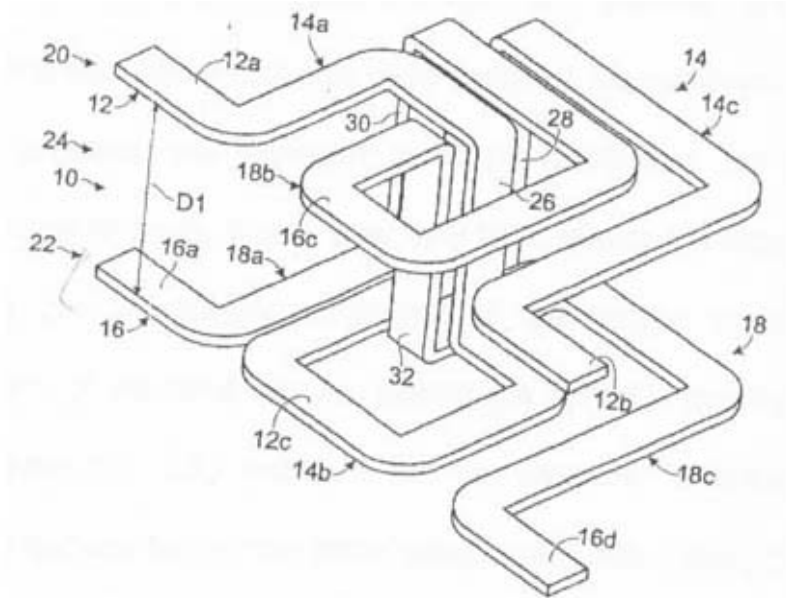
(54) Title of the invention : BI-LEVEL COUPLER

(51) International classification :H01P 5/18 (31) Priority Document No :10/731,174 (32) Priority Date :08/12/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2004/035936 Filing Date :28/10/2004 (87) International Publication No :WO 2005/060436 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)WERLATONE, INC. Address of Applicant :2095, ROUTE 22, BREWSTER, NY 10509, U.S.A. (72)Name of Inventor : 1)PODELL, ALLEN, F.

No of Pages : 35

No of Claims : 64

(57) Abstract :
A coupler is disclosed that includes first and second mutually coupled spirals disposed on opposite sides of a dielectric substrate. The substrate may be formed of one or more layers and the coils may have a number of turns appropriate for a given application. Conductors forming the spirals may be opposite each other on the substrate and each spiral may include one or more portions on each side of the substrate. Each conductor of the coupler may include an intermediate portion having a width that is more than the width of end portions. An extension may extend from each respective intermediate portion, with the two extensions extending in non-overlapping relationship.



(54) Title of the invention : BLOCK-TYPE COMPONENT USED AS A CONSTRUCTION MATERIAL FOR WALLS.

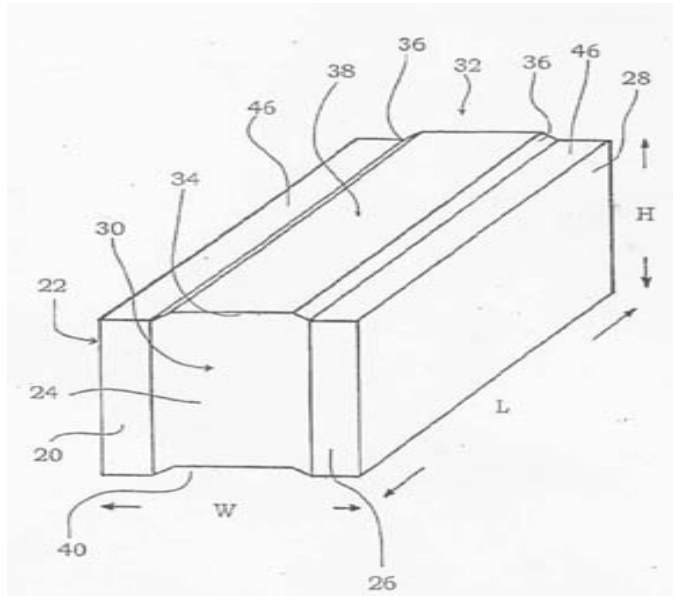
(51) International classification :B32B13/04;		(71)Name of Applicant :
(31) Priority Document No :103 46 520.0		1)RECYFOAM, S.A.
(32) Priority Date :02/10/2003		Address of Applicant :RUE JOHN MOSES BROWING 31, B-
(33) Name of priority country :Germany		4040 HERSTAL Belgium
(86) International Application No :PCT/EP2004/010954		(72)Name of Inventor :
Filing Date :01/10/2004		1)BLOCKEN, WILFRED
(87) International Publication No :WO 2005/033039		
(61) Patent of Addition to Application Number :NA		
Filing Date :NA		
(62) Divisional to to Application Number :NA		
Filing Date :NA		

No of Pages : 22

No of Claims : 17

(57) Abstract :

The invention relates to a block-type component that is used as a construction material for walls, e.g. noise barriers and walls of buildings. Said component comprises an exterior (22) and an interior (28), in addition to a three-ply construction consisting of the following layers: an external layer (20), which consists of stone or concrete and forms the exterior (22), a central layer (24) of insulating mortar with a high degree of thermal insulation, comprising at least 70 % by vol. (in relation to the volume of the central layer) of reprocessed, granular polyurethane and cement as the binding agent and an internal layer (26) that preferably contains cement as the binding agent, said layer forming the interior (28).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1034/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : BENZIMIDAZOLE DERIVATIVES : PREPARATION AND PHARMACEUTICAL APPLICATIONS

(51) International classification :C07D 235/06

(31) Priority Document No :60/504,214

(32) Priority Date :22/09/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/SG2004/000307

Filing Date :21/09/2004

(87) International Publication No :WO 2005/028447

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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3)SANGTHONGPITAG KANDA

4)SONG HONG YAN

5)SUN ERIC T

6)YU NIEFANG

7)ZOU YONG

No of Pages : 137

No of Claims : 42

(57) Abstract :

The present invention relates to hydroxamate compounds which are inhibitors of histone deacetylase. More particularly, the present invention relates to benzimidazole containing compounds and methods for their preparation. These compounds may be useful as medicaments for the treatment of proliferative disorders as well as other diseases involving, relating to or associated with dysregulation of histone deacetylase (HDAC).

(54) Title of the invention : A WAVE POWER APPARATUS COMPRISING A PLURALITY OF ARMS ARRANGED TO PIVOT WITH A MUTUAL PHASE SHIFT

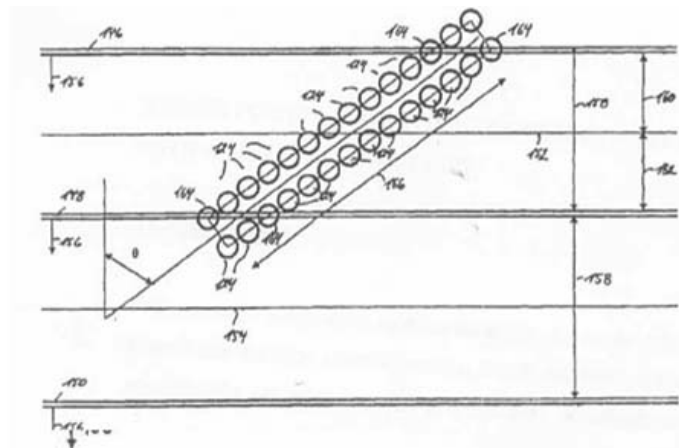
(51) International classification	:F03B13/18; F03B11/06	(71) Name of Applicant : 1)WAVE STAR ENERGY APS
(31) Priority Document No	:PCT/DK03/00693	Address of Applicant :MAGLEMOSEVEJ 61, DK-2920
(32) Priority Date	:14/10/2003	CHARLOTTENLUND, Denmark
(33) Name of priority country	:Denmark	(72) Name of Inventor :
(86) International Application No	:PCT/DK2004/000704	1)RESEN STEENSTRUP PER
Filing Date	:14/10/2004	2)ARPE HANSEN NIELS
(87) International Publication No	:WO 2005/038247	3)HANSEN KELD
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 50

No of Claims : 26

(57) Abstract :

A wave power apparatus includes a plurality of rotationally supported arms, each of which carries a float (124) at its free end, so that a translational movement of the float caused by a wave results in rotation of the arm. The apparatus comprises power conversion means for converting power transmitted from the wave to the arms into electric power, e.g. a hydraulic system, in which a hydraulic fluid is displaced by the movement of the arms to drive one or more hydraulic motors. The plurality of arms are arranged in a row such that a wave passing the row of arms causes the arms to successively pivot with a mutual phase shift. Thereby, an even power output may be achieved, and the need for frequency converters may be reduced or eliminated. Preferably, each arm is connected to a hydraulic cylinder of the hydraulic system, whereby a plurality of arms feed hydraulic medium into the hydraulic motor or motors through common hydraulic conduits.

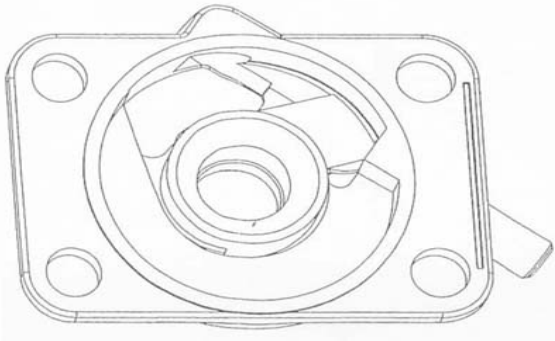


(54) Title of the invention : ADJUSTABLE SEALING MEANS

(51) International classification	:F16J15/18;	(71)Name of Applicant :
(31) Priority Document No	:2,447,866	1)FLUOROSEAL INC.
(32) Priority Date	:31/10/2003	Address of Applicant :6418, TRANS-CANADA HIGHWAY
(33) Name of priority country	:Canada	WEST, MONTREAL, QUEBEC H4T 1X4, CANADA Canada
(86) International Application No	:PCT/CA2004/001890	(72)Name of Inventor :
Filing Date	:28/10/2004	1)PAUL, NICOLAS
(87) International Publication No	:WO 2005/043014	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 35No of Claims : 19

(57) Abstract :
A valve has a valving element which is rotatably fitted within a valve body. This valving element of the valve is joined by a stem or shaft portion which extends out of the valve body to interact with an actuator and transmit torque to the valving element. In plug valves, pressure needs to be also applied to the valving element to insure a proper closure. The invention relates to a mechanism to adjustably seal the stem/body interface using only one screw that is positioned on the front of the valve cover for easy access. The force generated by the screw is transposed into a vertical force and a horizontal force by a cam. The multiple faces of the cam are used to transmit the force vertically and horizontally and will maintain the mechanism in a straight position.



(54) Title of the invention : FLUID DISPENSING COMPONENTS

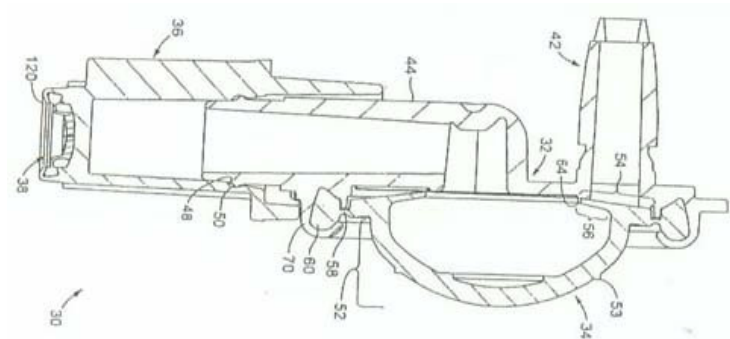
(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date :B65D37/00; A47K5/12 :10/695,227 :28/10/2003 :U.S.A. :PCT/US2004/033098 :07/10/2004 :WO 2005/044449 :NA :NA :NA :NA		(71)Name of Applicant : 1)SEAQUIST CLOSURES FOREIGN, INC. Address of Applicant :475 WEST TERRA COTTA, CRYSTAL LAKE, IL 60014 U.S.A. (72)Name of Inventor : 1)HATTON, JASON, D. 2)TUCKEY, STEVEN R. 3)HESS, JOHN, M., III

No of Pages : 52

No of Claims : 20

(57) Abstract :

Components are provided for use in systems for dispensing fluids. A resilient diaphragm (34) is provided for a diaphragm pump (30). The diaphragm (34) includes a pressurizing portion (52) and annular base wall (54) connected with a connecting member (58) to a peripheral mounting flange (60) for mounting the diaphragm (34) in the housing (32) of the pump (30). The pump housing (32) has a retention wall (70) which can be swaged against the diaphragm flange (60). The pump housing (32) has a discharge structure (36) with an outlet valve (38) and a restraint structure (130, 132) adjacent the valve (38) to prevent in-venting through the outlet valve (38). The outlet valve (38) includes a flange (160) which is retained by a retention wall (120) and which projects from the discharge structure (36) and which is swaged into engagement with the outlet valve flange (160).



(54) Title of the invention : CREATING CUSTOMER LOYALTY

(51) International classification :G06Q30/00
 (31) Priority Document No :PCT/IB2003/004495
 (32) Priority Date :13/10/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/IB2003/004495
 Filing Date :13/10/2003
 (87) International Publication No :WO 2005/036432
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

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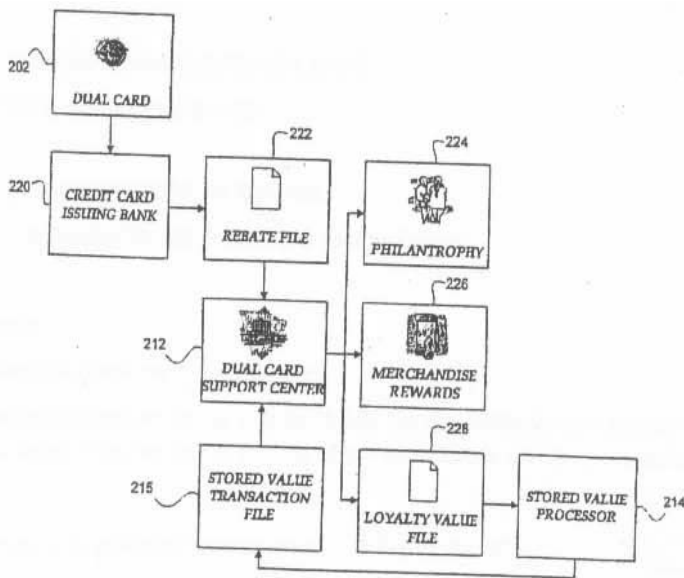
2)STUMPF, MARY

No of Pages : 20

No of Claims : 35

(57) Abstract :

A dual card (202) facilitates credit transactions associated with a credit account and further facilitates stored value transactions associated with a stored value account. The system includes a computer implemented loyalty program for calculating a loyalty value based on the credit transactions of the dual card, the loyalty value being used to load the stored value account of the dual card. The rebate file contains a rebate based on the credit transactions. The rebate file is used to aid the calculation of the loyalty value. The rebate file (222) is used to aid the calculation of the loyalty value. The system further comprises a stored value transaction file (215) produced by a stored value processor (214). The stored value transaction file is used to aid the calculation of the loyalty value. The system also comprises an amount of money donated to a philanthropic organization (224) based on the loyalty value. The system also comprises merchandise (226) sent to the cardholder of the dual card based on the loyalty value.



(54) Title of the invention : NOVEL CRYSTALLINE FORMS OF {2-[1-(3,5-BIS-TRIFLUOROMETHYLBENZYL)-5-PYRIDIN-4-YL-1H-[1,2,3]TRIAZOL-4-YL]-PYRIDIN-3-YL}-(2-CHLOROPHENYL)-METHANONE

(51) International classification :C07D 401/14 (31) Priority Document No :60/514,300 (32) Priority Date :24/10/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2004/030914 Filing Date :12/10/2004 (87) International Publication No :WO 2005/042515 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA		(71)Name of Applicant : 1)ELI LILLY AND COMPANY Address of Applicant :LILLY CORPORATE CENTER, INDIANAPOLIS, IDIANAPOLIS, INDIANA 46285 U.S.A. (72)Name of Inventor : 1)ALFIO BORGHESE 2)DAVID SCOTT COFFEY 3)PAMELA KAYE FOOTMAN 4)STEVEN WAYNE PEDERSEN 5)SUSAN MARIE REUTZEL-EDENS 6)SHELLA LENYONGA TAMEZE 7)CARSTEN TIMPE 8)CARSTEN WEBER

No of Pages : 38

No of Claims : 20

(57) Abstract :
The present invention provides novel crystalline forms of {2-[1-(3,5-bistrifluoromethylbenzyl)-5-pyridin-4-yl-1H-[1,2,3]triazol-4-yl]-pyridin-3-yl}-(2-chlorophenyl)-methanone, compositions thereof, intermediates thereof, methods of using the same, processes for making the same, and processes for making intermediates thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1040/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : INFORMATION DISTRIBUTION SYSTEM

(51) International classification :G06F 17/00

(31) Priority Document No :60/505,597

(32) Priority Date :24/09/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/031415

Filing Date :24/09/2004

(87) International Publication No :WO 2005/031530

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

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3)HEATHERLY, Douglas, G.

4)MAHONEY, Timothy.

5)MESSINA, James.

6)PALMA, James.

No of Pages : 170

No of Claims : 102

(57) Abstract :

The invention relates to a system and method that enhances the "focus" of information exchanged between sellers and buyers. Buyers identify potential sources for goods and services that are desirable to the buyer. Buyers can focus their access to listings (104)of seller information by identifying desirable attributes, including but not limited to: geography attributes (108) relating to the location(s) of the seller; and category attributes (110) relating to the various categories of offerings that interest to the buyer. The use of geographical and categorical attributes (108) and (110) is not limited to their inclusion as part of the search terms. Instead, seller listings (104) can be organized into hierarchies of geography-based and category-based attributes (108) and (110) in a highly normalized fashion to enhance the ability of a buyer focus on the most desirable listings. The system can be configured to limit, order, or otherwise prioritize the information viewed by the buyer on the basis of the desired attributes identified by the buyer.

(54) Title of the invention : IMPROVEMENTS IN LOCKS

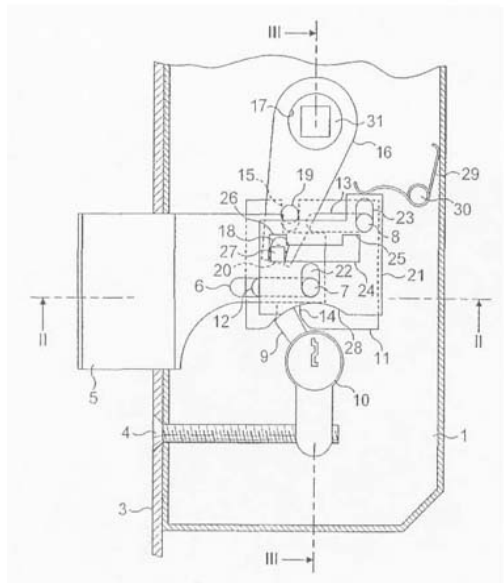
(51) International classification :E05B63/00 (31) Priority Document No :0322874.9 (32) Priority Date :30/09/2003 (33) Name of priority country :U.K. (86) International Application No :PCT/GB2004/004094 Filing Date :24/09/2004 (87) International Publication No :WO/2005/035920 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA		(71)Name of Applicant : 1)IAN FIRTH HARDWARE LIMITED Address of Applicant :Lady Ann House, Shaw Cross Business Park, Dewsbury, Yorkshire WF12 7RD U.K. (72)Name of Inventor : 1)MIDDLETON, Colin, Sidney

No of Pages : 12

No of Claims : 5

(57) Abstract :

A lock for a door or the like has a casing (1) and a deadbolt assembly which comprises a bolt (5) and a drive mechanism in the form of a cam (9) of a cylinder lock (10) which is adapted to be operated by a key. The drive mechanism is arranged to drive a coupler (11) which is guided for sliding movement in the casing (1) between a withdrawn position in which the bolt (5) is located substantially wholly within the casing (1) and an extended or thrown position in which a portion of the bolt (5) projects from the casing (1). A lever in the form of a link (16) is arranged between the coupler (11) and the bolt (5), the link (16) being pivotally mounted in the casing (1) and provided with first engagement means in the form of a pin (19) which is engageable in a slot (15) in the coupler (11) and second engagement means in the form of a slot (18) which is arranged to engage with a pin (20) on the bolt (5). The arrangement is such that, when the bolt (5) is in the withdrawn position and the coupler (11) is engaged by the cam (9) to move the bolt (5) to the thrown position, the link (16) is engaged by the coupler (11) and is effective to increase the movement of the bolt (5) relative to the movement of the coupler (11) thereby to increase the throw of the bolt.



(54) Title of the invention : CORRECTION OF HUMIDITY MEASUREMENT RESULTS OF A RADIOSONDE

(51) International classification :G01W1/08;
G01W1/00
(31) Priority Document No :20031672
(32) Priority Date :18/11/2003
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2004/000691
Filing Date :17/11/2004
(87) International Publication No :WO 2005/050259
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

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Address of Applicant :VANHA NURMIJARVENTIE 21, FI-01670 VANTAA Finland

(72)Name of Inventor :

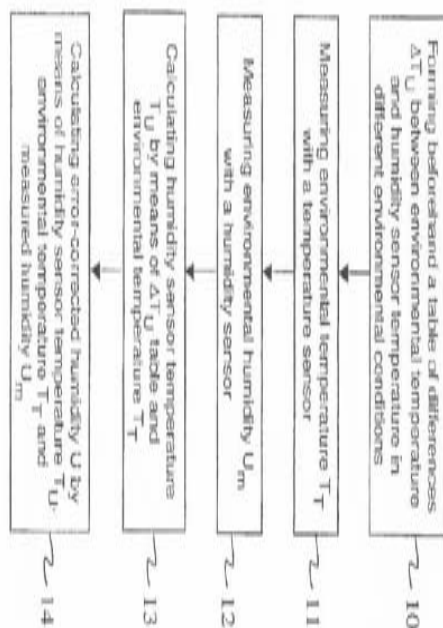
1)PAUKKUNEN, ARI

No of Pages : 28

No of Claims : 12

(57) Abstract :

The invention relates to a method for correcting humidity measurement results of a radiosonde, especially for errors resulting from radiative heat exchange. The method comprises measuring (12) environmental humidity U_m with a humidity sensor in the radiosonde, determining a current value of at least one environmental conditions parameter, and calculating (14) error-corrected humidity U directly or indirectly by means of said measured environmental humidity U_m and a correction value corresponding said at least one current environmental conditions parameter value.



(19) INDIA

(22) Date of filing of Application :24/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : INTER-CONVERTIBLE SINGLE PERSON TYPE TRANSPORTING AID

(51) International classification	:A61G5/04; A61H3/04
(31) Priority Document No	:03/7484
(32) Priority Date	:26/09/2003
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/ZA2004/000111
Filing Date	:20/09/2004
(87) International Publication No	:WO 2005/030105
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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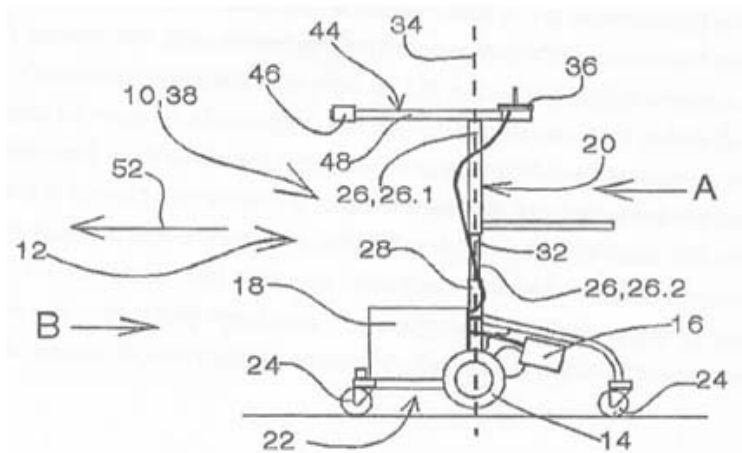
(72) **Name of Inventor :**
1) VAN EEDEN ADRIAAN

No of Pages : 15

No of Claims : 24

(57) Abstract :

An inter-convertible single person type transporting aid (10) comprises a multi directionally propellable wheeled carrier frame (12) that is fitted with drive wheels (14) that are independently drivable via motors (16) and situated to enable aid central axis turning. The frame (12) is constituted from an upper frame part (20) displaceably mounted to a wheeled base frame (22) fitted at its outer corners with castors (24). The upper frame part (20) is biased in the direction of arrow (30) relative to the base frame (22). The aid (10) is re-arrangeable into a walk supporter or walker (38), a sitting transporter and a standing transporter by the removable fitting of a seat and a standing platform respectively.



(54) Title of the invention : METHOD AND APPARATUS FOR REDUCING DATA COLLISIONS IN A FREQUENCY HOPPING COMMUNICATION SYSTEM

(51) International classification :H04B 1/713
 (31) Priority Document No :10/750,476
 (32) Priority Date :31/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/042237
 Filing Date :15/12/2004
 (87) International Publication No :WO 2005/065201
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MOTOROLA, INC.

Address of Applicant :1303 EAST ALGONQUIN ROAD,
 SCHAUMBURG, ILLINOIS 60196 U.S.A.

(72)Name of Inventor :

1)BLACK GREG R

2)KURBY, CHRISTOPHER, N

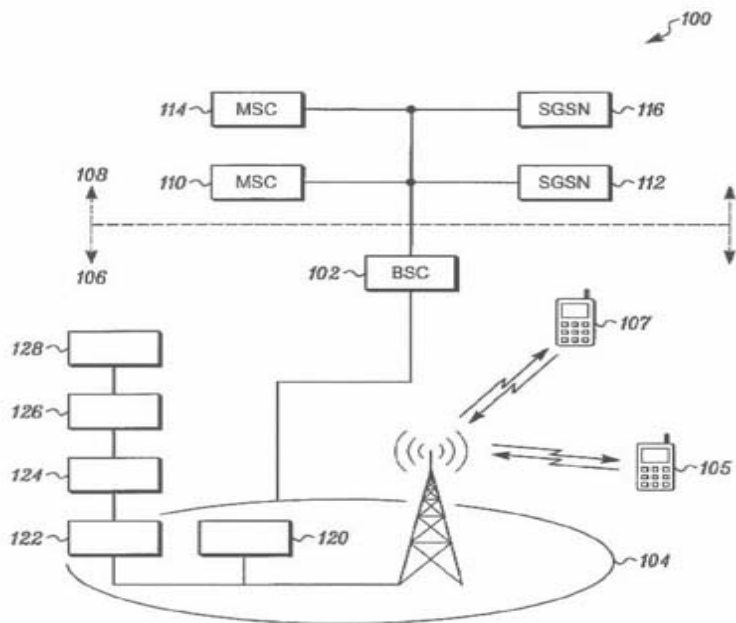
3)STEWART, KENNETH, A.

No of Pages : 24

No of Claims : 25

(57) Abstract :

A method in a transmitter for data collision avoidance in an uncoordinated frequency hopping communication system is disclosed. The base station (104) first determines (304) that a first data set to be sent to a first device (105) and a second data set to be sent to a second device (107) are scheduled to be transmitted simultaneously on a first frequency of a frequency hop-set. The device then transmits (310) the first data set on the first frequency of the frequency hop-set. The base station delays (312) transmission of the second data set, and finally transmits (316) the second data set on a second frequency of a frequency hop-set.



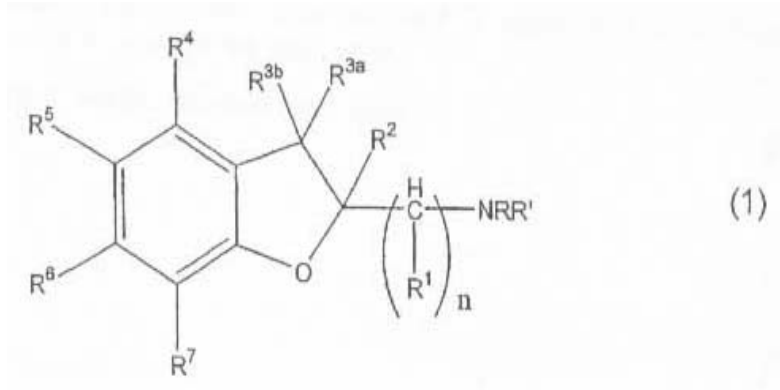
(54) Title of the invention : DIHYDROBENZOFURANYL ALKANAMINES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date :C07D 307/00 :60/514,266 :24/10/2003 :U.S.A. :PCT/US2004/035043 :22/10/2004 :WO/2005/040146 :NA :NA :NA :NA	(71)Name of Applicant : 1)WYETH Address of Applicant :FIVE GIRALDA FARMS, MADISON, NJ 07940 U.S.A. (72)Name of Inventor : 1)GROSS JONATHAN LAIRD 2)STACK GARY PAUL 3)GAO HONG

No of Pages : 70

No of Claims : 24

(57) Abstract :
Compounds of formula (1) or pharmaceutically acceptable salts thereof are provided Formula (1) which are agonists and partial agonists of the 2c subtype of brain serotonin receptors. The compounds, and compositions containing the compounds, can be used to treat a variety of central nervous system disorders such as schizophrenia.



(54) Title of the invention : SUSTAINED RELEASE PHARMACEUTICAL COMPOSITIONS COMPRISING APLINDORE AND DERIVATIVES THEREOF

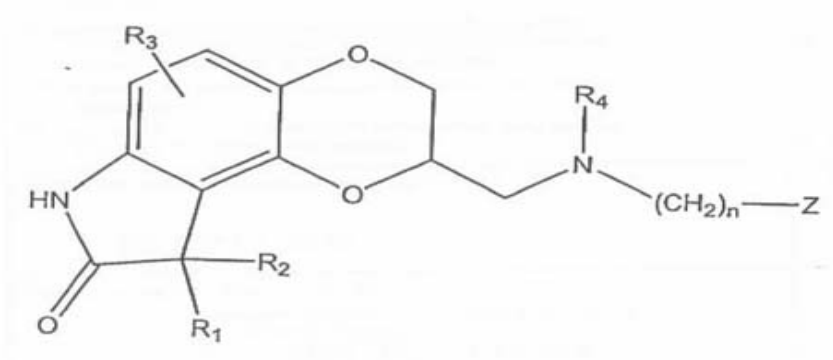
(51) International classification	:A61K 9/14	(71)Name of Applicant :
(31) Priority Document No	:60/515,315	1)WYETH
(32) Priority Date	:29/10/2003	Address of Applicant :FIVE GIRALDA FARMS, MADISON, NJ
(33) Name of priority country	:U.S.A.	07940 U.S.A.
(86) International Application No	:PCT/US2004/036013	(72)Name of Inventor :
Filing Date	:28/10/2004	1)BENJAMIN ERIC JOEL
(87) International Publication No	:WO 2005/044262	2)DULIN WENDY ANN
(61) Patent of Addition to Application Number	:NA	3)LIN YANNING
Filing Date	:NA	4)ZHUANG KAI
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 52

No of Claims : 49

(57) Abstract :

The present invention provides controlled release dosage formulations of compounds having the Formula (I) or pharmaceutically acceptable salts thereof, and in particular, aplindore. The dosage forms are useful, inter alia, for reducing side effects from administration of such compounds. 52



(54) Title of the invention : A FLUID DISPENSING DEVICE

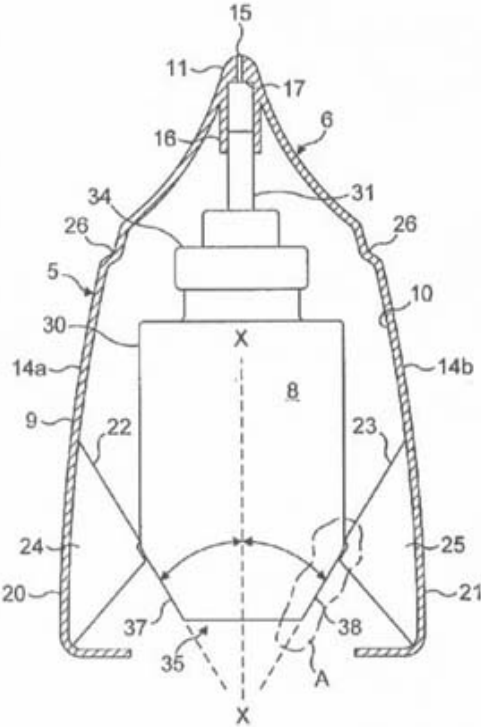
(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date :A61M 15/08 :0325629.4 :03/11/2003 :U.K. :PCT/GB2004/004626 :02/11/2004 :WO 2005/044354 :NA :NA :NA :NA	(71)Name of Applicant : 1)GLAXO GROUP LIMITED Address of Applicant :GLAXO WELLCOME HOUSE , BERKELEY AVENUE, GREENFORD, MIDDLESEX, UB6 0NN, U.K. (72)Name of Inventor : 1)DAVIES, MICHAEL, BIRSHA 2)HEDLEY, MARK, GRAHAM 3)JONES, MARGOT, JEAN

No of Pages : 109

No of Claims : 55

(57) Abstract :

A fluid dispensing device (5, 105, 205, 305, 405, 505) for dispensing a fluid form medicament formulation having a viscosity of from 10 to 2000 mPa s. is disclosed and comprises a housing (9, 109, 209, 309, 409, 509) and a fluid discharge device (8, 108, 208, 308, 408, 508) arranged to be actuated by one or more levers (20, 21; 120, 121; 170; 220, 221; 320, 321; 420, 421; 520) to cause actuation of a pump forming part of the fluid discharge device. A pre-load means (28; 27, 28; 39,40; 41, 42, 44; 144, 47a, 47b; 150, 152, 153; 224, 227; 342; 424x, 446; 425a; 427, 428; 560, 561) is used to prevent actuation of the pump until a pre-determined force is applied to each lever of sufficient magnitude to guarantee the production of a well developed efficient spray from the fluid dispensing device.



(54) Title of the invention : WIND TURBINE, LIGHTNING CONNECTION MEANS, METHOD AND USE THEREOF

(51) International classification :F03D 11/00
 (31) Priority Document No :PCT/DK2003/000799
 (32) Priority Date :20/11/2003
 (33) Name of priority country :Denmark
 (86) International Application No :PCT/DK2003/000799
 Filing Date :20/11/2003
 (87) International Publication No :WO 2005/050008
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)VESTAS WIND SYSTEMS A/S

Address of Applicant :SMED SORENSENS, VEJ 5 DK-6950, RINGKOBING, Denmark

(72)Name of Inventor :

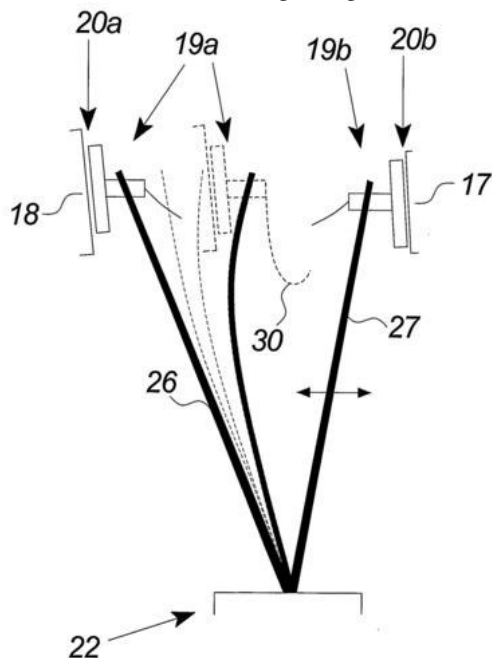
1)MOLBECH, ALLAN LAURSEN

No of Pages : 53

No of Claims : 41

(57) Abstract :

The invention relates to a wind turbine (1) comprising stationary means such as a nacelle (3) and a tower (2) comprising stationary lightning protection means (46), and rotating means such as a rotor including at least one wind turbine blade (5) and shaft means (14), each of said at least one wind turbine blade (5) comprising rotating lightning protection means (47). The stationary and rotating lightning protection means (46, 47) comprise contact surfaces (17, 18) connected by lightning connection means (15). The lightning connection means (15) comprises at least two contact means (19, 19a, 19b) adapted for connecting said rotating and stationary lightning protection means (46, 47). Further, it comprises at least one electric conductor (30) establishing a dedicated connection between said at least two contact means (19, 19a, 19b) and force transferring means (26, 27) for said at least two contact means (19, 19a, 19b) establishing a continuous connection between said at least two contact means (19, 19a, 19b) and the contact surfaces (17, 18) of said stationary and rotating lightning protection means (46, 47). The invention also relates to lightning connection means (15) for a wind turbine (1), a method and use hereof.



(54) Title of the invention : METHOD FOR CHEMICALLY TREATING A LIQUID MEDIUM LOADED WITH NITRATES, DEVICE FOR TREATING A LIQUID MEDIUM OF THIS TYPE AND APPLICATIONS

(51) International classification :C02F 1/467
(31) Priority Document No :0311789
(32) Priority Date :08/10/2003
(33) Name of priority country :France
(86) International Application No :PCT/FR2004/002528
Filing Date :07/10/2004
(87) International Publication No :WO 2005/035451
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

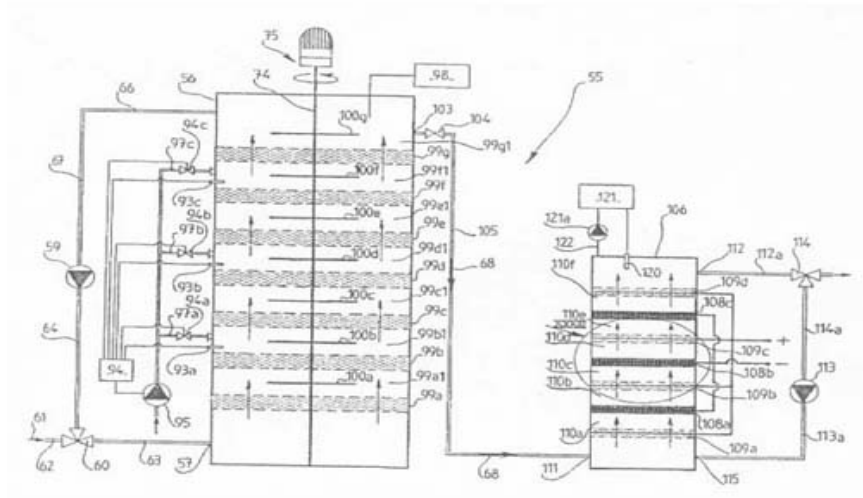
(71)Name of Applicant :
1)SOCIETE COOPERATIVE AGRICOLE DES
PERRINOTS
Address of Applicant :PERRINOTS, 47200 MARMADÉ, France
2)MAGNES, PIERRE
3)REYNES, MICHEL
(72)Name of Inventor :
1)HADJIEV, DIMITER
2)LIMOUSY, LIONEL
3)LENDORMI, THOMAS

No of Pages : 49

No of Claims : 48

(57) Abstract :

The invention relates to a method for chemically treating a liquid medium loaded with nitrates, primarily comprising a step in which zinc is brought into contact with said liquid medium whose pH is preferably less than 4. When this contacting step leads to the presence of residual zinc in the liquid medium, the liquid medium is circulated through at least one electrolytic cell. The invention also relates to a device for treating a liquid medium loaded with nitrates, to applications of this method, and to a device for reducing the proportion of nitrates in ground water.



(54) Title of the invention : ROAMING INDICATORS FOR MULTI-MODE WIRELESS COMMUNICATION DEVICES

(51) International classification :H04Q 7/32
 (31) Priority Document No :10/736,270
 (32) Priority Date :15/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/040468
 Filing Date :03/12/2004
 (87) International Publication No :WO 2005/060562
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MOTOROLA ,INCAddress of Applicant :1303 EAST ALGONQUIN ROAD,
SCHAUMBERG, ILLINOIS 60196 U.S.A.

(72)Name of Inventor :

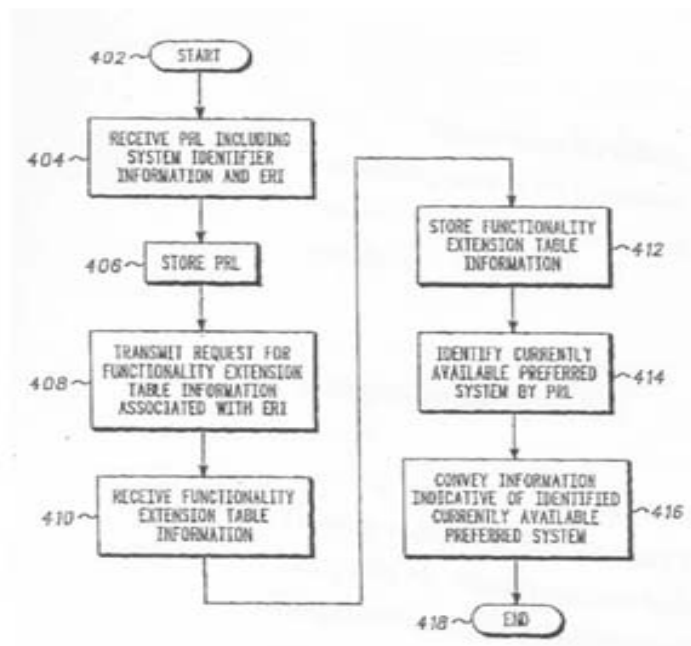
1)AERRABOTU, NAVEEN**2)DROSTE, SCOTT, T.**

No of Pages : 22

No of Claims : 18

(57) Abstract :

A method (400) and a multi-mode wireless communication device (700) for identifying a preferred system are disclosed. The multi-mode wireless communication device (700) receives (404) preferred roaming list information ("PRL") including system identifier information such as System Identification, Network Identification, and Service Set Identifier, and enhanced roaming indicators ("ERI") associated with the system identifier information, transmits (408) a request for functionality extension table information receives (410) the functionality extension table information, identifies (414) a currently available preferred system based upon the: system identifier information; and conveys (416) information indicative of the identified currently available preferred system based upon the functionality extension table information.



(54) Title of the invention : COHERENT TRACKING FOR FM IBOC RECEIVER USING A SWITCH DIVERSITY ANTENNA SYSTEM

(51) International classification :H04B 7/08
 (31) Priority Document No :10/715,582
 (32) Priority Date :18/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/037944
 Filing Date :12/11/2004
 (87) International Publication No :WO 2005/050865
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

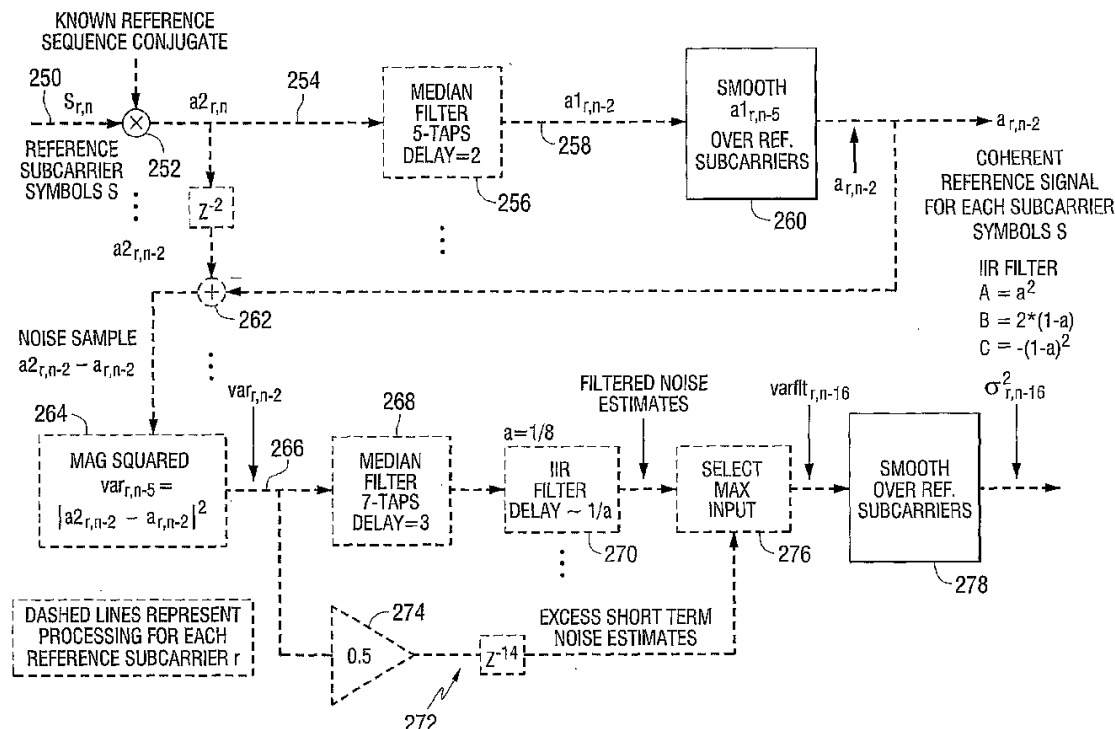
1)KROEGER BRIAN WILLIAM**2)PEYLA PAUL JAMES****3)BAIRD JEFFERY S**

No of Pages : 59

No of Claims : 32

(57) Abstract :

A method is provided for coherently tracking a radio signal including a plurality of digitally modulated reference subcarriers. The method comprises the steps of receiving symbols transmitted on the reference subcarriers, combining the reference subcarrier symbols with a known reference sequence conjugate to produce a plurality of samples, median filtering the samples to produce filtered samples, and smoothing the samples for each of the reference subcarriers over the plurality of reference subcarriers to produce a coherent reference signal estimate for each of the subcarriers. A receiver for coherently tracking a radio signal including at least one digitally modulated reference carrier is also provided.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1054/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : SUBSTRATE, IN PARTICULAR GLASS SUBSTRATE, SUPPORTING A PHOTOCATALYTIC LAYER COATED WITH A PROTECTIVE THIN LAYER

(51) International classification	:C03C 17/34
(31) Priority Document No	:9359730
(32) Priority Date	:23/10/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR04/050531
Filing Date	:22/10/2004
(87) International Publication No	:WO 2005/040056
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LABROUSSE, LAURENT
2)NADAUD, NICOLAS

No of Pages : 19

No of Claims : 20

(57) Abstract :

The invention relates to a structure, comprising a substrate supporting a layer with a photocatalytic and anti-soiling property, said layer being based on titanium dioxide (TiO₂), on at least part of the surface thereof. Said structure is characterised in that the photocatalytic layer is coated with a non-porous thin layer, containing silicon and oxygen and having a coating capacity, providing a chemical and mechanical protection to the underlying photocatalytic layer, whilst maintaining the TiO₂ photocatalytic activity.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1055/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : SUBSTRATE, IN PARTICULAR GLASS SUBSTRATE, SUPPORTING AT LEAST ONE STACK OF A PHOTOCATALYTIC LAYER AND A SUBLAYER FOR THE HETEROEPITAXIAL GROWTH OF SAID LAYER.

(51) International classification	:C03C 17/34
(31) Priority Document No	:0350729
(32) Priority Date	:23/10/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR04/050532
Filing Date	:22/10/2004
(87) International Publication No	:WO 2005/040058
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :LES MIROIRS, 18 AVENUE d'ALSACE,
F-92400 COURBEVOIE, France
(72)**Name of Inventor :**
1)LABROUSSE, LAURENT,
2)NADAUD, NICOLAS

No of Pages : 17

No of Claims : 20

(57) Abstract :

The invention relates to a structure, comprising a substrate supporting a layer with a photocatalytic and anti-soiling property on at least part of the surface thereof, said layer being based on titanium dioxide (TiO₂) which is at least partially crystallized in the anatase form thereof. Said structure is characterised in comprising a sublayer (SC) directly under at least one TiO₂ layer, said sublayer having a crystallographic structure which provides assistance to crystallization by heteroepitaxial growth in the anatase form of the TiO₂-based upper layer, the photocatalytic property being obtained without any heating step.

(54) Title of the invention : APPARATUS AND METHOD FOR ASSIGNING SUBCHANNELS IN AN OFDMA COMMUNICATION SYSTEM

(51) International classification	:H04L27/26; H04Q7/36	(71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO. Republic of Korea
(31) Priority Document No	:10-2003-0077081	(72)Name of Inventor :
(32) Priority Date	:31/10/2003	1)IN-SEOK HWANG
(33) Name of priority country	:Republic of Korea	2)SOON-YOUNG YOON
(86) International Application No	:PCT/KR2004/002783	3)SANG-HOON SUNG
Filing Date	:01/11/2004	4)JAE-HEE CHO
(87) International Publication No	:WO 2005/043854	5)HOON HUH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 35No of Claims : 46

(57) Abstract :
A wireless communication system that divides an entire frequency band into a plurality of subcarrier bands and includes a plurality of subchannels, each of which includes a number of subcarrier bands. The number of subcarrier groups is equal to the number of the base stations included in the system and are generated by classifying the subcarrier bands in a period. For a particular base station, corresponding subcarrier bands are detected from each of the groups according to a sequence. The subcarrier bands detected from each of the groups are assigned as a subchannel for the particular base station. Further, the indexes of the subcarrier groups to which each of subcarriers constituting a subchannel belongs are changed whenever the subchannel is assigned, so as to acquire the desired diversity gain.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1058/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : PHENYL-PIPERAZINE DERIVATIVES AS MODULATORS OF MUSCARINIC RECEPTORS

(51) International classification	:A61K 31/495
(31) Priority Document No	:60/506585
(32) Priority Date	:26/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/031514
Filing Date	:27/09/2004
(87) International Publication No	:WO 2005/030188
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VERTEX PHARMACEUTICALS INCORPORATED

Address of Applicant :130 WAVERLY STREET, CAMBRIDGE
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(72)Name of Inventor :

1)GARCIA-GUZMAN BLANCO, MIGUEL

2)BERGERON DANIELE

3)GROOTENHUTS PETER D.J.

4)HURLEY, DENNIS

5)NAKATANI, AKIKO

6)MAKINGS, LEWIS R.

7)DISEPIO, DANIEL

8)RAFFAI, GABRIEL

No of Pages : 172

No of Claims : 49

(57) Abstract :

The present invention relates to modulators of muscarinic receptors. The present invention also provides compositions comprising such modulators, and methods therewith for treating muscarinic receptor mediated diseases.

(54) Title of the invention : RECONSTITUTABLE MICROSPHERE COMPOSITIONS USEFUL AS ULTRASONIC CONTRAST AGENTS

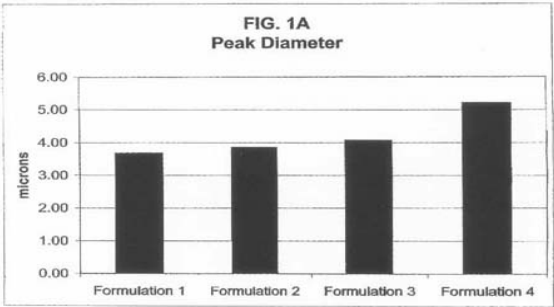
(51) International classification :A61B 8/00 (31) Priority Document No :60/517,219 (32) Priority Date :31/10/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US04/036537 Filing Date :01/11/2004 (87) International Publication No :WO/2005/041897 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)POINT BIOMEDICAL CORPORATION Address of Applicant :887L Industrial Road, San Carlos CA 94070 U.S.A. (72)Name of Inventor : 1)OTTOBONI, THOMAS B. 2)SHORT, ROBERT E.

No of Pages : 32

No of Claims : 27

(57) Abstract :

Methods and suspensions are provided that are useful for preparing readily reconstitutable, dry compositions of micro- or nanospheres. The dry compositions find use in diagnostic applications such as ultrasonic imaging. The suspension includes as key ingredients one or both of t-butyl alcohol and/or an amorphous sugar (or mixture of amorphous sugars) in specified amounts that reduce aggregation of the particles comprising the suspension.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1060/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : ARC-QUENCHING APPARATUS

(51) International classification	:H01H 9/44
(31) Priority Document No	:10352934.9
(32) Priority Date	:11/11/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/052831
Filing Date	:05/11/2004
(87) International Publication No	:WO 2005/048282
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2, 80333

MUNCHEN Germany

(72)Name of Inventor :

1)GUNTHER ECKERT

2)PAUL HERMA

3)WOLFGANG LEITL

No of Pages : 15

No of Claims : 14

(57) Abstract :

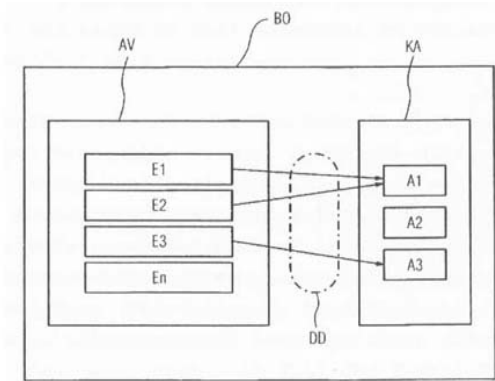
The aim of the invention is to create an arc quenching system for a switching device (1), which ensures low heat build-up and fast quenching of an arc (11) using simple means. Said aim is achieved by providing a current conducting path (13) which comprises an electrically conducting passage to an additional arc guide rail (10) so as to form a conductor loop (10, 13) and is electrically insulated relative to a pair of switching contacts (5, 6). The conductor loop (10,13) is not connected to the pair of switching contacts (5, 6) while being arranged in the area of an interrupter chamber (12) such that a current (I) which drives the arc (11) into the arcing chamber (8) is conducted via the current conducting path (13) when the arc (11) commutates from one of the switching contacts (5; 6) to the additional arc guide rail (10).

(54) Title of the invention : METHOD AND COMPUTER FOR CONFIGURATION OF A COMMUNICATION NODE

(51) International classification	:H04L12/24; H04L12/24	(71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MUNCHEN, Germany
(31) Priority Document No	:102004027126.7	(72)Name of Inventor : 1)SCHIFFER, WOLFGANG.
(32) Priority Date	:03/06/2004	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2005/052484	
Filing Date	:31/05/2005	
(87) International Publication No	:WO 2005/119966	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16No of Claims : 8

(57) Abstract :
The invention relates to a method and a computer for configuring a communication node using a communication application (KA) installed on a computer. In this case, selectable instructions (A1, A2, A3) are visually displayed on a graphical user interface (BO) . At least one communication address is shown by an element (E1, E2, E3, En) which can be moved on the graphical user interface, and the element (E1, E2, E3) is marked by a selection means, is moved to a selected instance of the visually displayed instructions (A1, A2, A3) and is enabled there. This logically combines the communication address shown by the element (E1, E2, E3, En) with the selected instruction (A1, A2, A3), and the communication application (KA) configures the communication node by virtue of the communication application (KA) using the communication address and the instruction (A1, A2, A3) logically combined therewith to create an operational order which is transmitted to the communication node and is used to configure it.

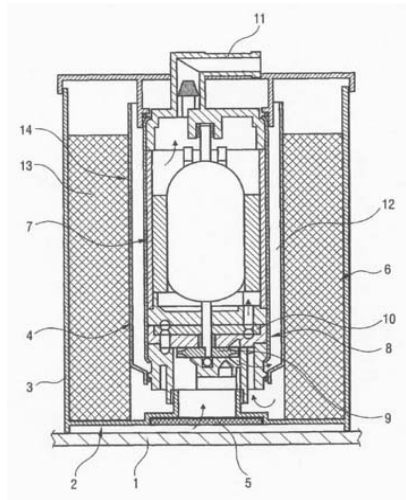


(54) Title of the invention : FUEL DELIVERY UNIT

(51) International classification	:B60K 15/03	(71)Name of Applicant :
(31) Priority Document No	:10355309.6	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:27/11/2003	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:Germany	MUNCHEN Germany
(86) International Application No	:PCT/EP2004/052713	(72)Name of Inventor :
Filing Date	:29/10/2004	1)WEHRUM, BERND
(87) International Publication No	:WO 2005/051699	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9No of Claims : 10

(57) Abstract :
The invention relates to a fuel delivery unit (2) wherein a space between a baffle pot (3) and a fuel pump (4) is filled with filter material (13) of a fuel filter (6). The baffle pot (3) is injection-molded onto the filter material (13) and is provided with a recess (14) for directly receiving the fuel pump (4). The fuel delivery unit (2) has an especially simple design and can be easily installed.



(54) Title of the invention : REDUNDANT AUTOMATION SYSTEM FOR CONTROLLING A TECHNICAL DEVICE, AND METHOD FOR OPERATING ONE SUCH AUTOMATION SYSTEM

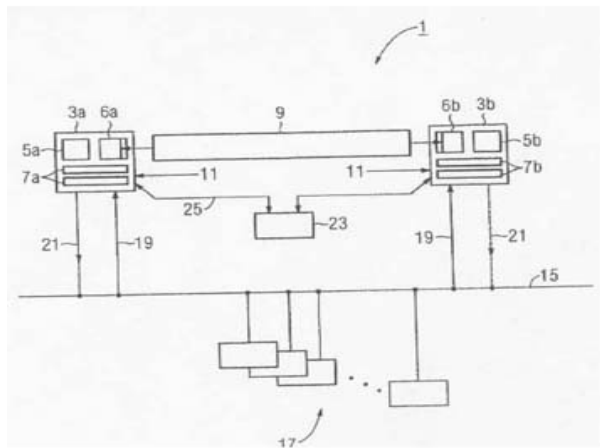
(51) International classification :G05B 19/042 (31) Priority Document No :PCT/DE03/003793 (32) Priority Date :17/11/2003 (33) Name of priority country :Germany (86) International Application No :PCT/DE2003/003793 Filing Date :17/11/2003 (87) International Publication No :WO 2005/052703 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)SIEMENS AKTIENGESellschaft Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MUNCHEN, Germany (72)Name of Inventor : 1)KLEYER DIETER 2)OTT WOLFGANG

No of Pages : 15

No of Claims : 8

(57) Abstract :

The invention relates to a redundant automation system (1), and a method for operating one such automation system (1). The inventive automation system comprises two automation appliances (3a, 3b) with which a common memory unit is associated, on which status data of the automation appliances (3a, 3b) can be stored. In this way, the automation appliances (3a, 3b) have direct access to a common database and a memory compensation is dispensed with in the event of an error during the switchover to the standby automation appliance (3b).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1064/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : NANOMETER SIZE ANTIMONY TIN OXIDE (ATO) PARTICLES COMPRISING LASER MARKING ADDITIVE

(51) International classification	:B41M 5/26
(31) Priority Document No	:60/518,483
(32) Priority Date	:07/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/036869
Filing Date	:04/11/2004
(87) International Publication No	:WO 2005/047009
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ENGELHARD CORPORATION
Address of Applicant :101, WOOD AVENUE, P.O.BOX 770
ISELIN, NJ 08830-0770 U.S.A.
(72)**Name of Inventor :**
1)CARROLL, JAMES B., JR.
2)JONES, STEVEN,A

No of Pages : 21

No of Claims : 10

(57) Abstract :

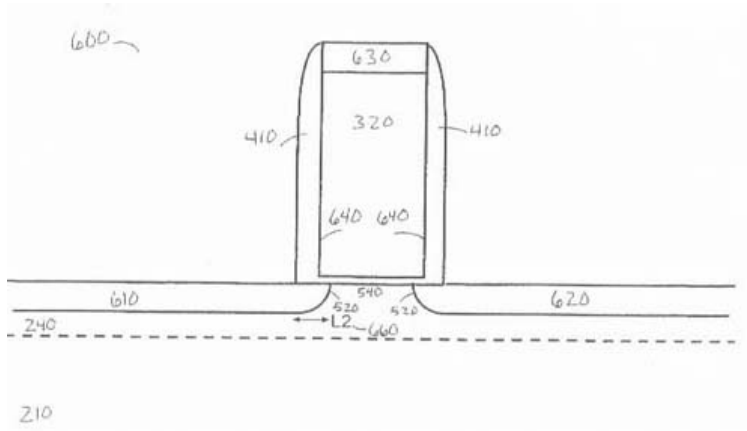
Laser marking of plastic material is achieved by incorporating into the plastic a laser marking particulate additive having a particle size of less than 100 nm. A mixed oxide particle of tin and antimony having a particle size of 10-70 nm is useful as a laser marking additive when using a YAG laser. A metallic powder can further be added to improve marking contrast.

(54) Title of the invention: SCHOTTKY-BARRIER MOSFET MANUFACTURING METHOD USING ISOTROPIC ETCH PROCESS

(51) International classification : H01L 21/336(31) Priority Document No : 60/509,142(32) Priority Date :03/10/2003(33) Name of priority country : U.S.A.(86) International Application No :PCT/US2004/032539Filing Date :04/10/2004(87) International Publication No :WO 2005/036631(61) Patent of Addition to Application Number :NAFiling Date :NA(62) Divisional to to Application Number :NAFiling Date :NA	(71) Name of Applicant: 1) SPINNAKER SEMICONDUCTOR, INC. Address of Applicant :1325 AMERICAN BLVD. E, SUITE 1A, BLOOMINGTON, MINNESOTA 55425 U.S.A. (72)Name of Inventor : 1)JOHN P. SNYDER 2)JOHN M. LARSON

No of Pages : 18No of Claims : 25

(57) Abstract:
A method of fabricating a transistor device for regulating the flow of electric current is provided wherein the device has Schottky-barrier metal source-drain contacts. The method, in one embodiment, utilizes an isotropic etch process prior to the formation of the metal source-drain contacts to provide better control of the Schottky-barrier junction location to a charmel region. The improvements from the controllability of the placement of the Schottky-barrier 10 junction enables additional drive current and optimizes device performance, thereby significantly improving manufacturability.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1066/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 25/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention: INDOLE ANTIVIRAL COMPOSITIONS AND METHODS

(51) International classification	: C07H19/04; C07H19/00;
(31) Priority Document No	:60/509,412
(32) Priority Date	:07/10/2003
(33) Name of priority country	: U.S.A.
(86) International Application No	:
Filing Date	PCT/US2004/032895 :06/10/2004
(87) International Publication No	:WO 2005/034943
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant:**

1) THE REGENTS OF THE UNIVERSITY OF MICHIGAN
Address of Applicant :3003 SOUTH STATE STREET,
WOLVERINE TOWER, ROOM 2071, ANN ARBOR, MI 48109-
1280 U.S.A.

(72) **Name of Inventor:**

1) TOWNSEND, LEROY, B.
2) DRACH, JOHN, C.

No of Pages : 68

No of Claims : 18

(57) Abstract :

The present invention provides novel chemical compounds and methods for their use. In particular, the present invention provides indole derivatives (e.g. as shown in Formula (I)) and related compounds and methods of using indole derivatives and related compounds as therapeutic agents to treat a number of conditions, including those associated with viral infection and cardiovascular diseases.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1067/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 25/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention: METHODS AND COMPOSITIONS FOR ENHANCING INNATE IMMUNITY AND ANTIBODY DEPENDENT CELLULAR CYTOTOXICITY

(51) International classification	: A61K9/127; A61K31/7115; A61K31/712;
(31) Priority Document No	:60/510,799
(32) Priority Date	:11/10/2003
(33) Name of priority country	: U.S.A.
(86) International Application No	:
Filing Date	PCT/IB2004/003317 :11/10/2004
(87) International Publication No	:WO 2005/034979
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant:**

1) INEX PHARMACEUTICALS CORPORATION

Address of Applicant: 100-8900 GLENLYON PARKWAY,
GLENLYON BUSINESS PARK, BURNBAY, BC V5J 5J8 Canada

(72) **Name of Inventor:**

1) TAM YING K

2) CHIKH GHANIA

3) SEKIROV LAURA

4) BRODSKY IRINA

5) RANEY SAMEERSINGH G

No of Pages: 87

No of Claims: 26

(57) Abstract:

Cationic liposomes with immunostimulatory nucleic acids are shown to stimulate the innate immune response, and synergistic combinations of such liposomal nucleic acids and therapeutic antibodies are provided to dramatically improve antibody dependent cellular cytotoxicity and target cell lysis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1068/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 25/04/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention: PROCESS FOR PRODUCING INJECTABLE GABAPENTIN COMPOSITIONS

(51) International classification : A61K31/00

(31) Priority Document No : 60/513,682

(32) Priority Date : 23/10/2003

(33) Name of priority country : U.S.A.

(86) International Application No :
Filing Date : PCT/US2004/034690

(87) International Publication No : WO 2005/041977

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71) **Name of Applicant:**

1) MEDTRONIC, INC.

Address of Applicant: MS LC340, 710 MEDTRONIC PARKWAY,
MINNEAPOLIS, MINNESOTA 55432 U.S.A.

(72) **Name of Inventor:**

1)ELSBERRY DENNIS D

2)CLARAHAN DAVID A

3)PAGE LINDA M

4)LANE DEANNA S

5)HILDEBRAND KEITH R

6)RATNAYAKE JAYANTHA H

No of Pages : 24

No of Claims: 38

(57) Abstract :

Injectable compositions containing gabapentin and processes for preparing sterile injectable compositions containing gabapentin are discussed. The process includes subjecting the compositions to heat. Heating results in increased production of gabapentin lactam, which has previously been shown to be toxic. Surprisingly, heated injectable compositions containing gabapentin are found to be non-toxic when administered intrathecally. Thus, heating for the purposes of sterilization or to assure sterility provides a viable option in the production of injectable compositions containing gabapentin.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1069/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 25/04/2006

(43) Publication Date: 20/04/2007

(54) Title of the invention: 2,6-DISUBSTITUTED QUINAZOLINES, QUINOXALINES, QUINOLINES AND ISOQUINOLINES AS INHIBITORS OF RAF KINASE FOR TREATMENT OF CANCER

(51) International classification	: A61K 31/4709
(31) Priority Document No	: 60/511,851
(32) Priority Date	: 16/10/2003
(33) Name of priority country	: U.S.A.
(86) International Application No	:
Filing Date	PCT/US2004/034185
	: 15/10/2004
(87) International Publication No	: WO 2005/037285
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant:**

1) CHIRON CORPORATION

Address of Applicant: 4560, HORTON STRET, EMERYVILLE, CA
94608-2916 U.S.A.

(72) **Name of Inventor:**

1)RAMURTHY, SAVITHRI

2)RENHOWE, PAUL, A

3)RAMANIAN, SHARADHA

No of Pages: 74

No of Claims: 84

(57) Abstract:

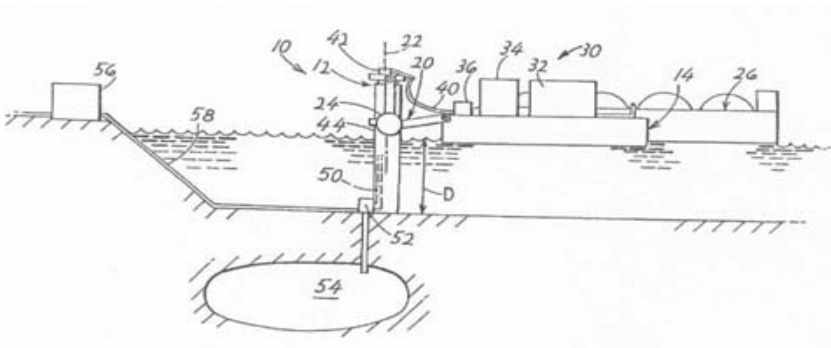
New substituted quinazoline, quinoxaline, quinoline and isoquinoline compounds of formulae (I)-(IV), compositions and methods of inhibition of Raf kinase activity in a human or animal subject are provided. The new compounds compositions may be used either alone or in combination with at least one additional agent for the treatment of a Raf kinase mediated disorder, such as cancer. The substituents are defined in the claims.

(54) Title of the invention: LNG TANKER OFFLOADING IN SHALLOW WATERS

(51) International classification	: E02D 23/02	(71) Name of Applicant:
(31) Priority Document No	: 60/515,767	1) SBM-IMODCO, INC
(32) Priority Date	: 30/10/2003	Address of Applicant: 1255, ENCLAVE PARKWAY, SUITE 400,
(33) Name of priority country	: U.S.A.	HOUSTON, TX 77077 U.S.A.
(86) International Application No	:	(72) Name of Inventor:
Filing Date	PCT/US2004/035503	1) POLLACK, JACK
	: 26/10/2004	2) WILLE, HEIN
(87) International Publication No	: WO 2005/045302	
(61) Patent of Addition to Application Number	: NA	
Filing Date	: NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages: 20No of Claims: 17

(57) Abstract:
A system for offloading LNG (liquified natural gas) from a tanker (26) in shallow waters, for regasing, or heating the offloaded LNG to produce gaseous hydrocarbons, or gas, for pressurizing the gas, and for flowing the gas to an onshore station (56), includes a structure that is fixed to the sea floor and projects above the sea surface and aids in mooring the tanker. In one system, the structure that is fixed to the sea floor is a largely cylindrical tower (12) with a mooring yoke (20) rotatably mounted on its upper end. A floating structure (14) such as a barge that weathervanes, has a bow end pivotally connected to a distal end of the yoke, so the barge is held close to the tower but can drift around the tower with changing winds, waves and currents. The tanker is moored to the tower so the barge and tanker form a combination that weathervanes as a combination. Regas and pressurizing equipment (32, 34) for heating a pressuring the LNG, and any crew quarters (36), are all located on the barge, so a low cost tower can be used. In another system, the structure is a breakwater (180).



(54) Title of the invention: TRANSDERMAL DRUG DELIVERY DEVICE

(51) International classification	: A61K9/70	(71) Name of Applicant:
(31) Priority Document No	: 60/515,306	1) NOVEN PHARMACEUTICALS, INC.
(32) Priority Date	: 28/10/2003	Address of Applicant: 11960 SOUTHWEST 144TH STREET,
(33) Name of priority country	: U.S.A.	MIAMI, FL 33186 U.S.A.
(86) International Application No	:	(72) Name of Inventor:
Filing Date	PCT/US2004/035556	1) KANIOS, DAVID, P
(87) International Publication No	: 28/10/2004	2) HARTWIG, ROD
(61) Patent of Addition to Application Number	: NA	3) MANTELLE, JUAN, A
Filing Date	: NA	4) HOUZE, DAVID, W
(62) Divisional to Application Number	: NA	
Filing Date	: NA	

No of Pages: 46No of Claims: 43

(57) Abstract:
A transdermal delivery system is provided for the topical application of one or more active agents contained in one or more polymeric and/or adhesive carrier layers, proximate to a non-drug containing polymeric and/or adhesive coating that is applied to either the transdermal system's backing or release liner. The transdermal delivery device is manufactured to optimize drug loading while providing desirable adhesion to skin or mucosa as well as providing modulation of the drug delivery and profile.

(54) Title of the invention: IN-VEHICLE ELECTROMAGNETIC BUZZER CONTROL APPARATUS

(51) International classification : B60R25/10;
G08B13/00
(31) Priority Document No : 2005-087467
(32) Priority Date : 25/03/2005
(33) Name of priority country : Japan
(86) International Application No :
Filing Date : PCT/JP2005/014820
(87) International Publication No : WO2006/103795
(61) Patent of Addition to Application Number : NA
Filing Date : NA
(62) Divisional to Application Number : NA
Filing Date : NA

(71) Name of Applicant:

1) MATSUSHITA ELECTRIC WORKS, LTD.

Address of Applicant: 1048, OAZA-KADOMA, KADOMA-SHI,
OSAKA Japan

(72) Name of Inventor:

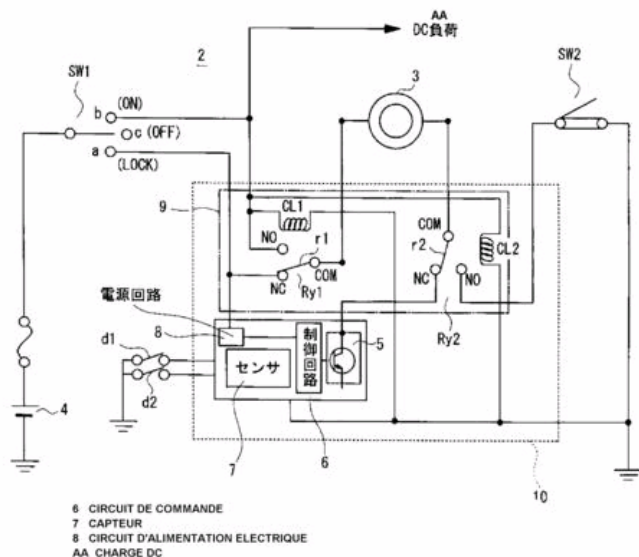
1) NISHIKAWA, KEIZOU

No of Pages: 21

No of Claims: 5

(57) Abstract:

An in-vehicle electromagnetic buzzer control apparatus comprises: a main switch (SW1) for selectively setting an alarm mode for security and a normal mode in which the alarm mode is released; a sensor (7) for detecting tilt, vibration or shock of a vehicle; and a control circuit (6) for controlling the opening and closing of a current conducting path from power supply to an electromagnetic buzzer depending on the setting of the main switch (SW1). If the alarm mode is set, the control circuit (6) closed the current conducting path to and causes the electromagnetic buzzer (3) to emit a beep tone for alarm when the sensor (7) detects e.g. the tilt of the vehicle, while the normal mode is set, the control circuit closes the current conducting path to and causes the electromagnetic buzzer (3) to emit a beep tone for safety checking when a horn switch (SW2) is closed, controlling to provide the power supply so as to make the beep tone for alarm and the beep tone for safety checking different from each other. This differentiates a beep tone of the electromagnetic buzzer to be used for normal safety checking from a beep tone for alarm serving as a security apparatus, so as to be able to have a discriminability.



(54) Title of the invention: 4-AMINO-QUINOLINE QUINOLIZIDINYL-AND QUINOLIZIDINYLALKYL-DERIVATIVES WITH ANTIMALARIAL ACTIVITY

(51) International classification : A61K31/4709;
C07D471/04
(31) Priority Document No : MI2003A002044
(32) Priority Date : 21/10/2003
(33) Name of priority country :Italy
:
(86) International Application No :
Filing Date : PCT/IB2004/003393
: 18/10/2004
(87) International Publication No : WO 2005/037833
(61) Patent of Addition to Application Number : NA
Filing Date : NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) Name of Applicant:

1) NEED PHARMACEUTICALS S.R.L.

Address of Applicant: VIA ARIBERTO, 17, I-20127 MILANO Italy

(72) Name of Inventor:

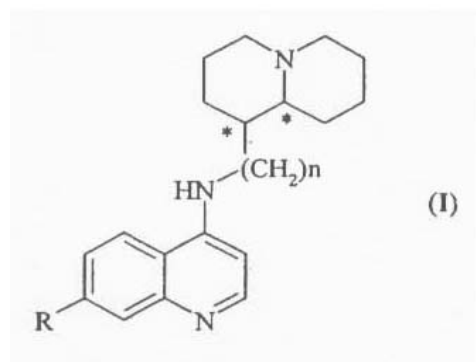
1)SPARATORE, ANNA**2)TARAMELLI, DONATELLA****3)BASILICO, NICOLETTA****4)PARAPINI, SILVIA****5)SPARATORE, FABIO****6)BOIDO, VITO****7)CANU, BOIDO, CATERINA**

No of Pages : 15

No of Claims: 8

(57) Abstract:

The present invention relates to 4-amino-quinoline quinolizidinyl- and quinolizidinylalkyl-derivatives with antimalarial activity, in particular compounds of the general formula (I), in which R and n are as defined in the description, pharmaceutically acceptable salts thereof, complexes thereof with gold, rhodium or ruthenium and pharmaceutical compositions containing them. The compounds of the invention are active also on chloroquine-resistant strains of Plasmodium falciparum.

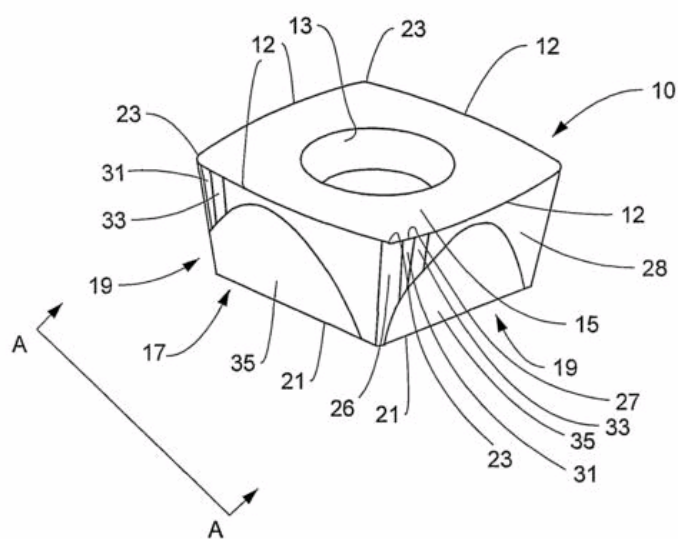


(54) Title of the invention: CUTTING INSERT FOR HIGH FEED FACE MILLING

(51) International classification	: B23C 5/20	(71) Name of Applicant:
(31) Priority Document No	: 10/686,308	1) TDY INDUSTRIES, INC.
(32) Priority Date	: 15/10/2003	Address of Applicant: 1000, SIX PPG PLACE, PITTSBURGH, PA
(33) Name of priority country	: U.S.A.	15222 U.S.A.
(86) International Application No	:	(72) Name of Inventor:
Filing Date	PCT/US2004/032689	1)FESTEAU, GILLES
(87) International Publication No	: WO 2005/039811	2)DUFOUR, JEAN-LUC
(61) Patent of Addition to Application Number	: NA	3)FANG, DANIEL, X
Filing Date	: NA	4)WILLS, DAVID, J.
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages: 30No of Claims: 15

(57) Abstract:
A cutting insert (10) for milling operations, such as, face milling, slot milling, plunge milling, and ramping operations. The cutting insert (10) exhibits a combination of favorable cutting edge strength, and unique cutting edge geometry, thus, allowing milling operations at relatively high feed rates. The cutting insert (10) includes at least four cutting edges (12), wherein at least one of the cutting edges is a convex cutting edge. Certain embodiments of square cutting inserts will have four convex cutting edges, which may be connected by nose corners (23). The convex cutting edge may comprise at least one of a circular arc, a portion of an ellipse, a portion of a parabola, a multi-segment spline curve, a straight line, or combinations of these. Wherein the convex cutting edge comprises a circular arc, the circular arc may have a radius greater than or equal to two times a radius of the largest circle that may be inscribed on the top surface.



(54) Title of the invention: AQUEOUS AEROSOL PREPARATION

(51) International classification : A61K9/107; A61K9/127		(71) Name of Applicant:
(31) Priority Document No : 10347994.5		1) PARI GMBH
(32) Priority Date : 15/10/2003		Address of Applicant: MOOSSTRASSE 3, 82319 STARNBERG, Germany
(33) Name of priority country : Germany		(72) Name of Inventor:
(86) International Application No : Filing Date : PCT/EP2004/011571		1)JAUERNIG, JURGEN
(87) International Publication No : WO 2005/037246		2)LINTZ, FRANK-CHRISTOPHE
(61) Patent of Addition to Application Number : NA		3)KELLER, MANFRED
(61) Patent of Addition to Application Number : NA		
(62) Divisional to Application Number : NA		
(62) Divisional to Application Number : NA		

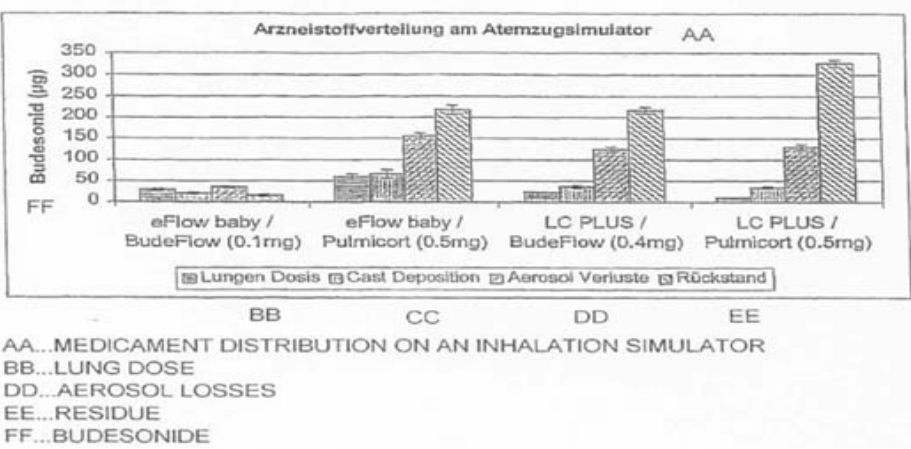
No of Pages: 50

No of Claims: 42

(57) Abstract:

Disclosed are sterile aqueous preparations that are to be inhaled as an aerosol and contain an active substance, a nonionic surfactant, and a phospholipid. Said preparations are suitable for administering poorly soluble active substances by way of inhalation in the form of colloidal solutions and can also be used for administering bad-tasting active substances that irritate the mucus and cause cough or bronchoconstrictions. The inventive preparations can be nebulized by means of conventional devices and are preferably used in pediatrics.

[Fortsetzung auf der nadisten Seite]



(54) Title of the invention: LIQUID PREPARATION CONTAINING TOBRAMYCIN

(51) International classification : A61K9/72; A61K31/7032 (31) Priority Document No : 10347995.3 (32) Priority Date : 15/10/2003 (33) Name of priority country : Germany (86) International Application No : Filing Date PCT/EP2004/011572 : 14/10/2004 (87) International Publication No : WO 2005/037256 (61) Patent of Addition to Application Number : NA Filing Date : NA (62) Divisional to Application Number : NA Filing Date : NA	(71) Name of Applicant: 1) PARI GMBH Address of Applicant: MOOSSTRASSE 3, 82319 STARNBERG Germany (72) Name of Inventor: 1)LINTZ, FRANK-CHRISTOPHE 2)KELLER, MANFRED

No of Pages: 20

No of Claims: 24

(57) Abstract:
Disclosed is a sterile aqueous inhalation solution containing the active substance tobramycin. The inventive preparation is provided with a high active substance content (about 80 to 120 mg/ml tobramycin) and an acidic adjuvant while having a low sodium chloride content (a maximum of about 2 mg/ml). The preparation can be injected or administered as an aerosol with common nebulizers, for example. It is particularly suitable for application in combination with modern vibrating membrane nebulizers and allows an individual therapeutic dose to be applied in significantly less than 10 minutes.

(54) Title of the invention: PROCESS FOR PREPARING BISPHOSPHOLANE LIGANDS

(51) International classification : C07F 9/6568
 (31) Priority Document No : 10353831.3
 (32) Priority Date : 18/11/2003
 (33) Name of priority country : Germany
 :
 (86) International Application No : PCT/EP2004/012279
 Filing Date : 29/10/2004
 (87) International Publication No : WO 2005/049629
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71) Name of Applicant:

1) DEGUSSA AGAddress of Applicant: BENNIGSENPLATZ 1, 40474
DUSSELDORF, Germany

(72) Name of Inventor:

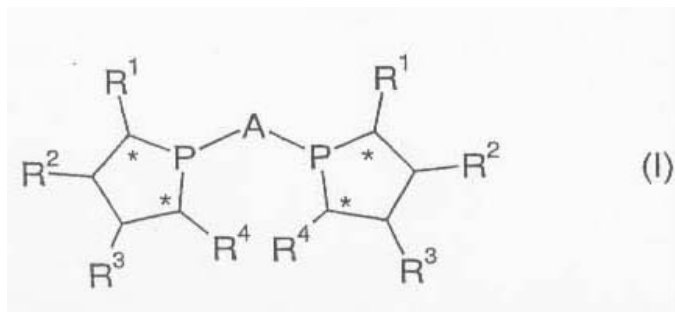
1)DR.THOMAS RIEREIER**2)DR. AXEL MONSEES****3)DR. JUAN JOSE ALMENA PEREA****4)DR. RENAT KADYROV****5)DR. BATTSENGEL GOTOV****6)DR. WERNER ZEIB****7)DR. IRIS NAGL****8)PROF. ARMIN BORNER****9)DR. JENS HOLZ****10)PROF. KARLHEINZ DRAUZ****11)WILFRIED MEICHELBOCK**

No of Pages : 23

No of Claims: 13

(57) Abstract:

The present invention is directed at a process for preparing enantiomerically enriched compounds of the general formula (I). Compounds of the type shown are employed in catalyst systems.

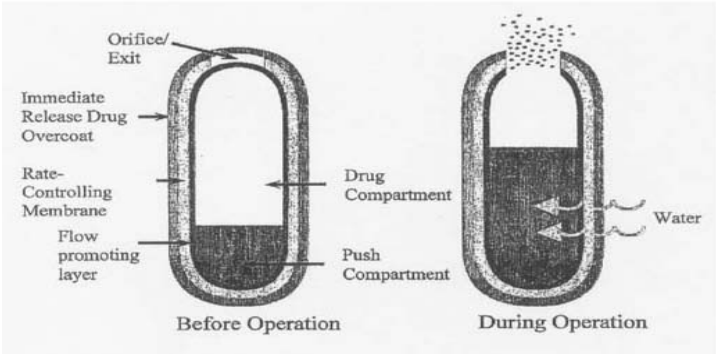


(54) Title of the invention: OROS PUSH-STICK FOR CONTROLLED DELIVERY OF ACTIVE AGENTS

(51) International classification : A61K 9/00	(71) Name of Applicant:
(31) Priority Document No : 60/506,195	1) ALZA CORPORATION
(32) Priority Date : 26/09/2003	Address of Applicant: 1900 CHARLESTON ROAD, P.O. BOX.
(33) Name of priority country : U.S.A.	7210 MOUNTAIN VIEW, CALIFORNIA 94039 U.S.A.
(86) International Application No : Filing Date : PCT/US2004/031475	(72) Name of Inventor:
(87) International Publication No : WO 2005/030166	1) EVANGELINE CRUZ
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

No of Pages: 71No of Claims : 73

(57) Abstract:
A sustained release dosage form is provided comprising a pharmaceutically active agent and pharmaceutically acceptable salts thereof and adapted to release as an erodible solid over a prolonged period of time, wherein the dosage form provides burst release of the pharmaceutically active agent without the use of an immediate release drug coating. The dosage form is able to deliver high doses of poorly soluble or slowly dissolving active agents at a controlled rate. Methods of using the dosage forms to treat disease or conditions in human patients are also disclosed.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1080/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 26/04/2006

(43) Publication Date: 20/04/2007

(54) Title of the invention: PROTEASE VARIANTS

(51) International classification	: C12N 9/52
(31) Priority Document No	: PA 2003 01494
(32) Priority Date	: 10/10/2003
(33) Name of priority country	: Denmark
(86) International Application No	:
Filing Date	PCT/DK2004/000688
	:08/10/2004
(87) International Publication No	: WO 2005/035747
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant:**

1) NOVOZYMES A/S

Address of Applicant: KROGSHOJVEJ 36, DK-2880, BAGSVAERD, Denmark

(72) **Name of Inventor:**

1) DE MARIA LEONARDO

2) ANDERSEN CARSTEN

3) CHRISTENSEN LARS LEHMANN HYLLING

4) LASSEN SOREN FLENSTED

5) OSTERGAARD PETER RAHBK

No of Pages: 109

No of Claims: 36

(57) Abstract:

The invention relates to a novel 3D structure encoding a Nocardiosis protease, as well as to variants of parent protease homologous to Nocardiosis proteases, preferably of improved thermostability and/or with an amended temperature activity profile. The invention also relates to DNA sequences encoding such variants, their production in a recombinant host cell, as well as methods of using the variants, in particular within the field of animal feed and detergents. The invention furthermore relates to methods of generating and preparing protease variants of amended properties.

(54) Title of the invention: THERMIONIC ELECTRIC CONVERTER

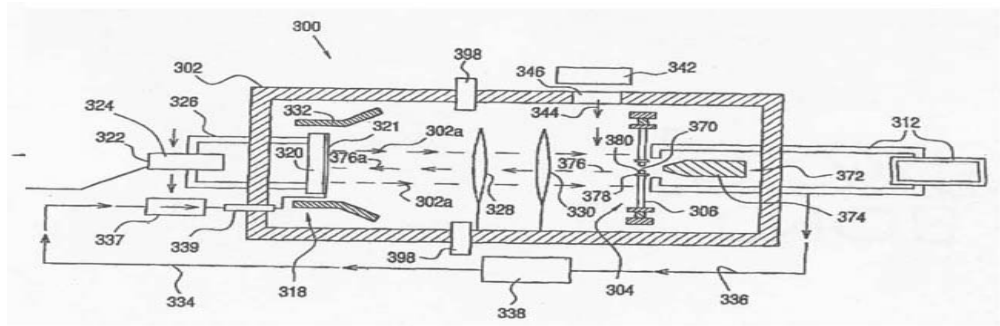
(51) International classification	: H01J 45/00	(71) Name of Applicant:
(31) Priority Document No	:	1) THERMOCON, INC.
(32) Priority Date	: 30/10/2003	Address of Applicant: 523, N. PENINSULA DRIVE SUITE 1,
(33) Name of priority country	: U.S.A.	DAYTONA BEACH, FL 32118-4000 U.S.A.
(86) International Application No	:	(72) Name of Inventor:
Filing Date	: 30/10/2003	1) DAVIS, EDWIN D.
(87) International Publication No	: WO 2005/052983	
(61) Patent of Addition to Application Number	: NA	
Filing Date	: NA	
(62) Divisional to Application Number	: NA	
Filing Date	: NA	

No of Pages: 38

No of Claims : 21

(57) Abstract:

A thermionic electric converter includes a cathode output enhancing laser (374) operable to direct a laser beam (376) to strike an emissive surface of a cathode emitter (321), to increase the electron output of the cathode emitter (321). The cathode output enhancing lase (374) is positioned to direct a laser beam (375) through an opening (370) in the anode (306) or target structure, in the direction of the cathode emitter (321). An electron repulsion ring (380) is provided at an edge of the opening (370) in the anode (306), to reduce the number of electrons missing the anode (306) and passing through the opening (370) in the anode (306).



(54) Title of the invention: SULFONYLTETRAHYDRO-3H-BENZO (E) INDOLE-8-AMINE COMPOUNDS AS 5-HYDROXYTRYPTAMINE-6 LIGANDS

(51) International classification : A61K 31/403
 (31) Priority Document No : 60/519,063
 (32) Priority Date : 10/11/2003
 (33) Name of priority country : U.S.A.
 :
 (86) International Application No : PCT/US2004/036622
 Filing Date : 04/11/2004
 (87) International Publication No : WO 2005/047252
 (61) Patent of Addition to Application Number : NA
 Filing Date : NA
 (62) Divisional to Application Number : NA
 Filing Date : NA

(71) **Name of Applicant:**

1) WYETH

Address of Applicant: FIVE GIRALDA FARMS MADISON NEW JERSEY 07940 U.S.A.

(72) **Name of Inventor:**

1) COLE DEREK CECIL

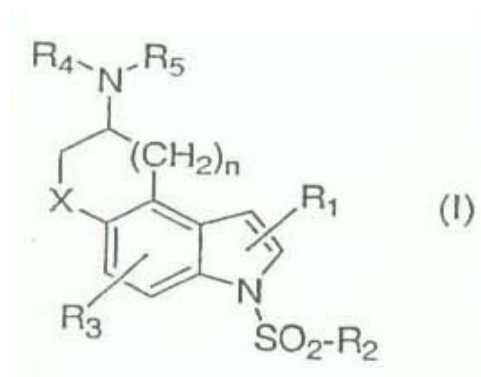
2) ASSELIN MAGDA

No of Pages: 34

No of Claims: 16

(57) Abstract:

The present invention provides a compound of formula I and the use thereof in the therapeutic treatment of a CNS disorder related to or affected by the 5-HT₆ receptor.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1083/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 26/04/2006

(43) Publication Date: 20/04/2007

(54) Title of the invention: GENERIC PRODUCT FINDER SYSTEM AND METHOD

(51) International classification : G06F 17/30
(31) Priority Document No : 10/721,141
(32) Priority Date : 25/11/2003
(33) Name of priority country : U.S.A.
(86) International Application No :
Filing Date : PCT/IB2004/004409
(87) International Publication No : WO 2005/052813
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

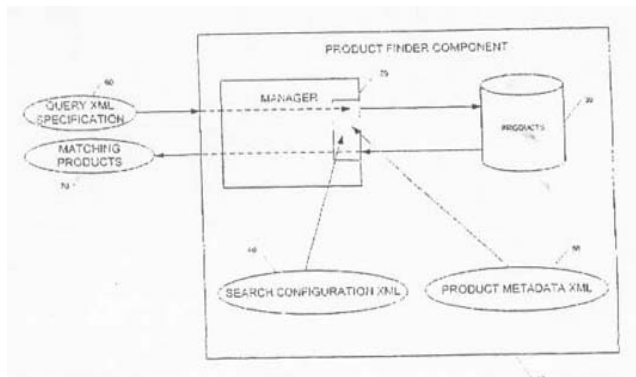
(71) **Name of Applicant:**
1) ABB RESEARCH LTD.
Address of Applicant: P.O.BOX 8131, CH-8050 ZURICH
Switzerland
(72) **Name of Inventor:**
1) LONG, THOMAS EDWIN

No of Pages : 41

No of Claims : 43

(57) Abstract:

A generic product finder system that provides the capability of managing and performing searches on configurable products in a J2EE application. The generic product finder system includes a manager component for performing searches in response to a search query; a product component for persisting a plurality of product information and interacting with the manger component in conducting searches of the product information; a product metadata component that interacts with the manager component for defining a product; and a search configuration component that interacts with the manager component for constructing a set of search rules in a product search configuration. Internally, the product finder system represents products with a specification divided into parameters representing characteristics and optional attributes. This specification exists in a generic state by the use of Java objects. Multiple product specifications may co-exist and their information is persisted by the use of entity beans. The generic product also contains a session bean that acts as manager and single point-of-entry to the product information. Since the products are maintained in a generic form, search rules can be constructed and applied to the product set to perform complex queries.



(54) Title of the invention: A2B ADENOSINE RECEPTOR ANTAGONISTS

(51) International classification : C07D403/02;
C07D403/00
(31) Priority Document No : 60/516,019
(32) Priority Date : 31/10/2003
(33) Name of priority country : U.S.A.
:
(86) International Application No : PCT/US2004/035453
Filing Date : 26/10/2004
(87) International Publication No : WO/2005/042534
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) Name of Applicant:

1) CV THERAPEUTICS, INC.Address of Applicant: 3172, PORTER DRIVE, PALO ALTO, CA
94304 U.S.A.

(72) Name of Inventor:

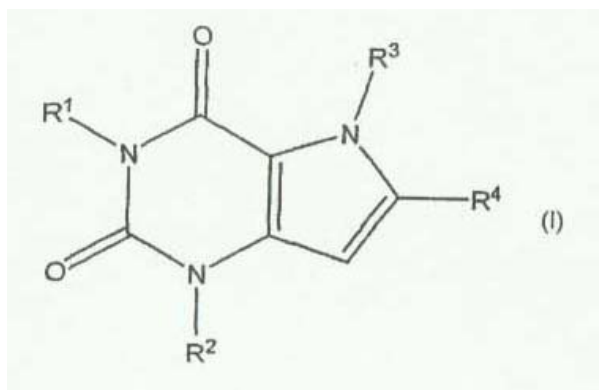
1) KALLA, RAO**2) ELZEIN, ELFATIH****3) MARQUART, TIM****4) PERRY, THAO****5) LI, XIAOFEN****6) ZABLOCKI, JEFF**

No of Pages: 80

No of Claims: 32

(57) Abstract:

Disclosed are novel compounds that are A2B adenosine receptor antagonists having the following structure (I) wherein R1 and R2 are independently chosen from hydrogen, optionally substituted alkyl, optionally substituted cycloalkyl, optionally substituted aryl, and optionally substituted heteroaryl, and R4 is an optionally substituted heteroaryl moiety. The compounds of the invention are useful for treating various disease states, including asthma, chronic obstructive pulmonary disorder, pulmonary inflammation, emphysema, diabetic disorders, inflammatory gastrointestinal tract disorders, immunological/inflammatory disorders, cardiovascular diseases, neurological disorders, and diseases related to angiogenesis.



(54) Title of the invention : WRITE-ONCE READ-MANY OPTICAL RECORDING MEDIUM, SPUTTERING TARGET AND THE PRODUCTION METHOD THEROF

(51) International classification :C23C 14/34
 (31) Priority Document No :2004-252389
 (32) Priority Date :31/08/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2005/016176
 Filing Date :30/08/2005
 (87) International Publication No :WO 2006/025558
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)RICOH COMPANY, LTD.

Address of Applicant :3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO 143-8555 Japan

(72)Name of Inventor :

1)HAYASHI, YOSHITAKA

2)FUJII, TOSHISHIGE

3)SASA, NOBORU

4)FUJIWARA, MASAYUKI

No of Pages : 107

No of Claims : 31

(57) Abstract :

A write-once-read-many optical recording medium enabling excellent recording and reproducing properties at a wavelength of blue-laser wavelengths or shorter, i.e. 500nm or less, particularly at wavelengths of near 405nm and high density recording. To this end, a write-once-read-many optical recording medium of the invention comprises a recording layer using a material represented by BiO_x (0 < x < 1.5), in which a recorded mark comprises crystal of Bi and/or crystal of a Bi oxide. Another write-once-read-many optical recording medium comprises a recording layer which comprises Bi, oxygen, and M (M represents at least one element selected from Mg, Al, Cr, Mn, Co, Fe, Cu, Zn, Li, Si, Ge, Zr, Ti, Hf, Sn, Mo, V, Nb, Y, and Ta), in which a recorded mark comprises crystal of the elements contained in the recording layer and crystal of an oxide of the elements.

(54) Title of the invention: INTERNAL COMBUSTION ENGINE AND LINER INSTALLATION RING

(51) International classification : F02F1/16;
F02F1/02
(31) Priority Document No : 2003-357048
(32) Priority Date : 16/10/2003
(33) Name of priority country : Japan
(86) International Application No :
Filing Date : PCT/JP2004/015277
(87) International Publication No : WO 2005/045222
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71) Name of Applicant:

1)KABUSHIKI KAISHA RIKENAddress of Applicant :13-5, KUDANKITA 1-CHOME,
CHIYODA-KU, TOKYO 1028202 Japan

(72)Name of Inventor :

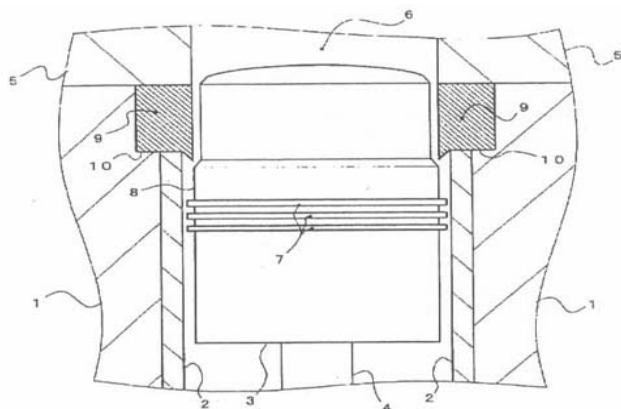
1)OOGAKE KAZUHIKO**2)YAMADA MASAKI****3)SATOU KAZUKI**

No of Pages : 38

No of Claims: 16

(57) Abstract :

An internal combustion engine has a cylinder block that has one or more cylinders, hollow-cylindrical cylinder liners that are placed in the cylinders, a piston that reciprocates in each cylinder liner and whose outer peripheral surface between the piston head and the uppermost ring groove forms a top land section, and a liner installation ring that forms in a cylinder an annular step section protruding to the inner periphery side of the cylinder liner and that is installed on either the cylinder block or the cylinder liner with the lower face of the liner installation ring facing the uppermost section of the cylinder liner. The liner installation ring is installed so as to correspond to a position that is the upper end position of the top land section when the piston has reached the top dead center, and the length of the inward protrusion of the liner installation ring from the inner periphery of each cylinder liner is set not less than 0.05 mm and not more than 0.5 mm.



(54) Title of the invention: LIQUID DRUG DELIVERY MICROPUMP

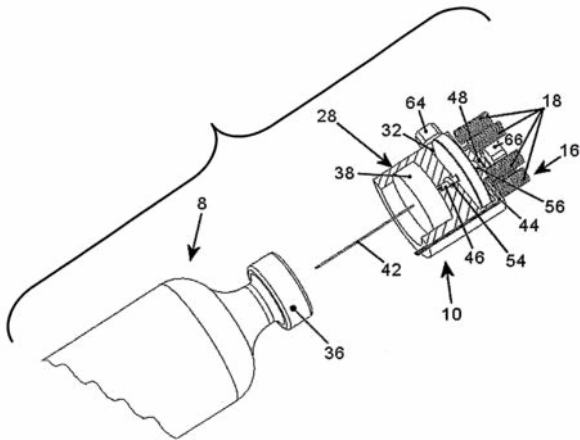
(51) International classification : A61M 5/142 (31) Priority Document No :03024653.2 (32) Priority Date : 27/10/2003 (33) Name of priority country : EPO (86) International Application No : Filing Date : PCT/IB2004/003385 (87) International Publication No :WO 2005/039674 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71) Name of Applicant: 1)ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) Address of Applicant :CH-1015 LAUSANNE, Switzerland (72) Name of Inventor: 1)RYSER PETER 2)STRAESSLER SIGFRID 3)HILBER JOSEF

No of Pages : 23

No of Claims: 17

(57) Abstract:

A pump system for the subcutaneous delivery of a liquid medicament, having a pump module (10) comprising a stator housing (28) with a chamber (30), a rotor (32) rotatably and axially slidably received in the chamber and comprising a first axial extension (46) with a liquid supply channel (50) and a second axial extension with a liquid supply channel (52), the first and second axial extensions having different diameters, and first and second sealing rings (54, 56), mounted around the first and second axial extensions.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1089/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 26/04/2006

(43) Publication Date: 20/04/2007

(54) Title of the invention: VACCINE COMPOSITIONS COMPRISING AN INTERLEUKIN 18 AND SAPONIN ADJUVANT SYSTEM

(51) International classification	: A61K39/39; A61K39/00; A61K39/02; A61K39
(31) Priority Document No	:0323965.4
(32) Priority Date	: 13/10/2003
(33) Name of priority country	: U.K.
(86) International Application No	:
Filing Date	PCT/EP2004/011620 : 11/10/2004
(87) International Publication No	: WO 2005/039634
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant:**
1) GLAXOSMITHKLINE BIOLOGICALS S.A.
Address of Applicant: RUE DE L'INSTITUT 89, B-1330
RIXENSART Belgium
2) SMITHKLINE BEECHAM CORPORATION
(72)**Name of Inventor :**
1)BRUCK, CLAUDINE, ELVIRE, MARIE
2)GERARD, CATHERINE, MARIE, GHISLAINE
3)JONAK, ZDENKA, LUDMILA

No of Pages : 60

No of Claims: 32

(57) Abstract:

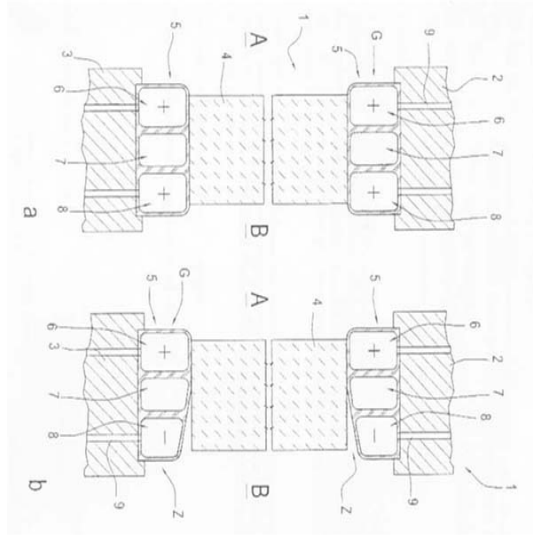
The invention relates a combination therapy that finds utility in the treatment or prophylaxis of infectious diseases, cancers, autoimmune diseases and related conditions.

(54) Title of the invention: A SEPARATION STRUCTURE FOR ISOLATING A DELIMITED SPACE FROM THE EXTERNAL ENVIRONMENT

(51) International classification : B65B65/00(31) Priority Document No : BO2004A000331(32) Priority Date : 25/05/2004(33) Name of priority country :Italy(86) International Application No :PCT/IB2005/001312Filing Date :09/05/2005(87) International Publication No :WO 2005/118405(61) Patent of Addition to Application Number :NAFiling Date :NA(62) Divisional to to Application Number :NAFiling Date :NA	(71) Name of Applicant: 1) I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A. Address of Applicant: VIA EMILLA LEVANTE, 428-442, I-40064 OZZANO EMILLA Italy(72) Name of Inventor: 1) GASPERINI ELVIO 2)MARCHESCHI VITTORIANO

No of Pages: 13No of Claims: 6

(57) Abstract:
A separation structure (1) for isolating a delimited space (B) from the external environment (A), in particular a space (B) defined by an apparatus operating in the pharmaceutical material processing sector, comprises suitably assembled separator means (2, 3, 4) of the panel type or the like and seal means (G) inserted between the separator means (2, 3, 4); the seal means (G) being of the fluid dynamic expansion type and formed by at least two separately expanding tubular ducts (6, 8; 1:3, 14; 5, 5'); in each of the two tubular ducts (6, 8; 13, 14; 5, 5') the supply of a pressurized or, if selected, negative pressure fluid being designed to be activated to cause the duct (6, 8; 13, 14; 5, 5') to expand or contract.



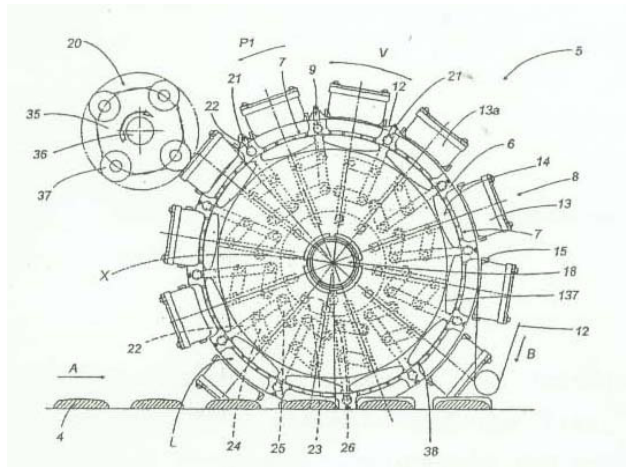
(54) Title of the invention: APPARATUS FOR MAKING PODS FOR INFUSION PRODUCTS

(51) International classification :B65B 29/02(31) Priority Document No : BO2003A000735(32) Priority Date :05/12/2003(33) Name of priority country :Italy(86) International Application No : PCT/IB2004/002566Filing Date : 23/07/2004(87) International Publication No : WO 2005/056386(61) Patent of Addition to Application Number :NAFiling Date :NA(62) Divisional to to Application Number :NAFiling Date :NA	(71)Name of Applicant : 1)I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A. Address of Applicant :VIA EMILIA LEVANTE, 428-442, I-40064 OZZANO EMILIA Italy(72) Name of Inventor: 1)CONTI ROBERTO

No of Pages : 21No of Claims : 11

(57) Abstract:

Described is an apparatus (5) for making pods (1) containing respective doses (4) of an infusion product. The apparatus comprises: revolving drum conveyor means (6) with pockets (7) uniformly distributed on it; a line (B) for feeding a first web (12) of filter material which feeds the first web (12) to the conveyor means (6); actuating means (8) for moving the first web (12) against the pockets (7) on the revolving drum conveyor means (6) to form on the first web (12) a series of impressions (L); and a second line (A) for feeding a second web (11) of filter material. In the apparatus described, the actuating means (8) comprise, for each pocket (7) on the revolving drum conveyor means (6) , at least one forming head (13) coupled with the pocket (7) itself, the forming head (13) being mobile towards and away from the pocket (7) so that it is pressed into the web (12) and impresses the web (12) in the pocket (7) to form the respective impression (L); and suction means (14) acting on the web (12) at the pocket (7) in synchrony with the forming head (13).

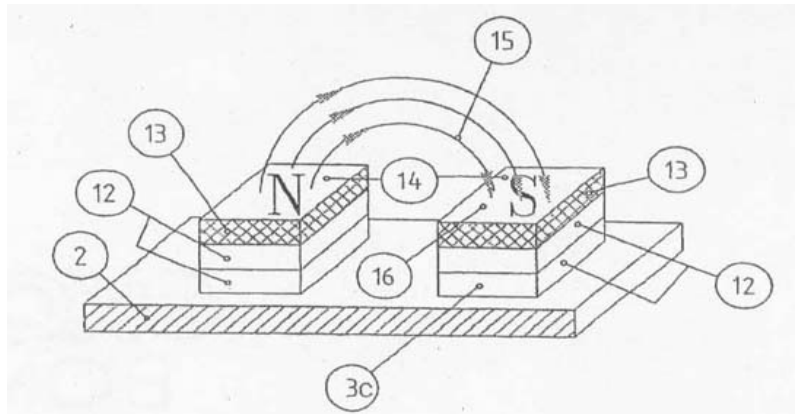


(54) Title of the invention: MAGNETIC SEPARATOR WITH FERRITE AND RARE EARTH PERMANENT MAGNETS

(51) International classification	: B03C1/18	(71) Name of Applicant:
(31) Priority Document No	:	1) SGM GANTRY S.P.A.
(32) Priority Date	:07/11/2003	Address of Applicant: VIA LENO, 2/D, I-25025 MANERBIO BS
(33) Name of priority country	:Italy	Italy
(86) International Application No	:	(72) Name of Inventor:
Filing Date	:07/11/2003	1) MOLTENI DANILO
(87) International Publication No	: WO 2005/044461	
(61) Patent of Addition to Application Number	: NA	
Filing Date	: NA	
(62) Divisional to to Application Number	: NA	
Filing Date	: NA	

No of Pages : 9No of Claims : 5

(57) Abstract:
A magnetic separator with permanent magnets includes a ferromagnetic member (2) for the circuit connection between at least two magnetic poles (3C) made up of ferrite magnets (12) in the bottom portion in contact with said ferromagnetic member (2) for the circuit connection, and of rare earth magnets (13) in the top portion that represents the entrance/exit surface (14) of the magnetic flux lines (15, 16). The ratio between the effective magnetic length of the ferrite magnets (12) and of the rare earth magnets (13) is preferably 2:1, and the preferred materials are strontium ferrite for the former and iron-boron-neodymium for the latter. In this way it is possible to combine the magnetic characteristics of the two types of permanent magnets so as to make them complementary and thus enhance the attractive effectiveness of the separator both for ferromagnetic materials with high or low shape factor, and for materials with high or low and sometimes very low permeability.



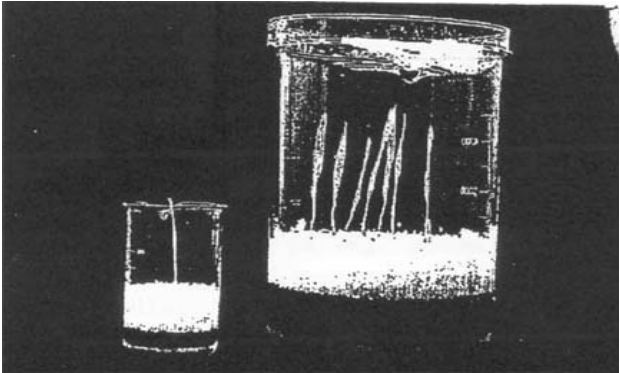
(54) Title of the invention : FLOATABLE GRANULAR SUBSTRATE FOR CULTURING PLANT MATERIAL

(51) International classification	:A01G 31/00	(71)Name of Applicant :
(31) Priority Document No	:0325019.8	1)GSF-FORSCHUNGSZENTRUM FUR UMWELT UND
(32) Priority Date	:27/10/2003	GESUNDHEIT
(33) Name of priority country	:U.K.	Address of Applicant :INGOLSTADTER LANDSTRASSE 1,
(86) International Application No	:PCT/EP2004/012144	85764 OBERSCHLEISSHEIM Germany
Filing Date	:27/10/2004	(72)Name of Inventor :
(87) International Publication No	:WO 2005/039274	1)BATTKÉ FLORIAN
(61) Patent of Addition to Application Number	:NA	2)DIETRICH ERNST
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 52No of Claims : 35

(57) Abstract :
The present invention provides a method of culturing plant material comprising a layer of floatable granular substrate in a culturing vessel, plant material and culture medium. Also, the invention provides a culturing kit comprising various combinations of floatable granular substrate with plant material, culturing solution and a culturing vessel, adapted to the specific requirements of hobby, science or industrial uses.

Ref. fig. no.1



(54) Title of the invention : CARBAMOYL ESTERS THAT INHIBIT CHOLINESTERASE AND RELEASE PHARMACOLOGICALLY ACTIVE AGENTS

(51) International classification :C07C 271/40
 (31) Priority Document No :60/512,971
 (32) Priority Date :21/10/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/034548
 Filing Date :19/10/2004
 (87) International Publication No :WO 2005/042475
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)COLUCID PHARMACEUTICALS, INC.

Address of Applicant :902, NORTH CAPITOL AVENUE, SUITE 302, INDIANAPOLIS, INDIANA 46204 U.S.A.

(72)Name of Inventor :

1)VERHELJEN JEROEN C

2)DU SHOUCHEG

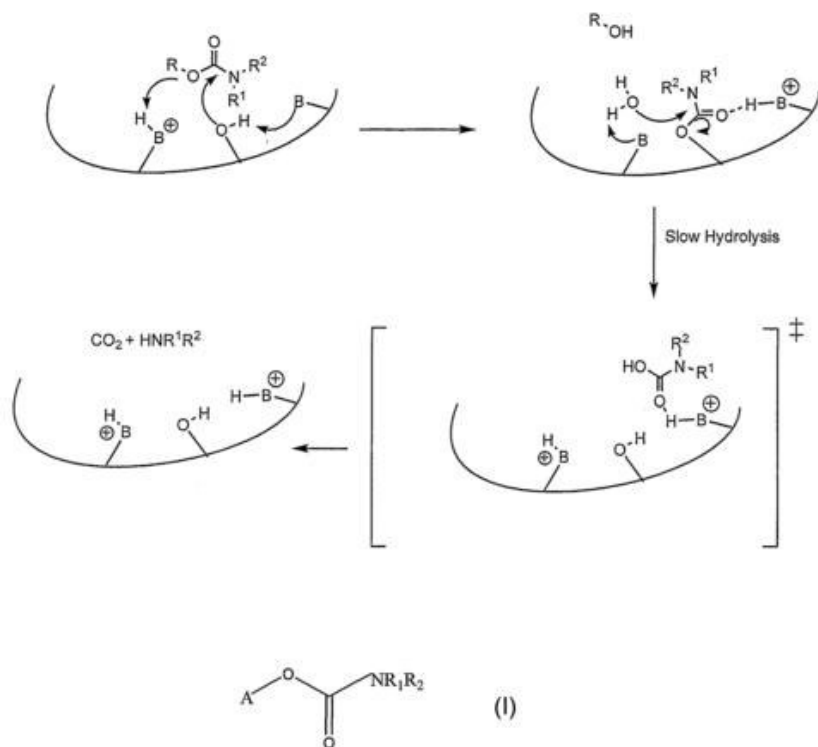
No of Pages : 87

No of Claims : 53

(57) Abstract :

Carbamoyl esters inhibit cholinesterase activity and, upon hydrolysis release a pharmacologically active agent. In one embodiment, the carbamoyl ester has the following structure: Formula (I) wherein A is selected from the group consisting of an unsubstituted aryl, a substituted aryl, an unsubstituted heteroaryl and a substituted heteroaryl. The carbamoyl esters are employed in methods to treat an individual. The pharmacologically active agent obtained by hydrolysis of the carbamoyl esters can treat, for example, a nervous system condition, a cholinergic deficiency and conditions or diseases associated with a deficiency in a pharmacologically active agent, such as acetylcholine.

Fig. Nil



(54) Title of the invention : DEVICE AND METHOD FOR SPRAY COATING

(51) International classification :B05B1/28;
B05D1/04
(31) Priority Document No :2003-372645
(32) Priority Date :31/10/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/016090
Filing Date :29/10/2004
(87) International Publication No :WO 2005/042170
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)NIPPON PAINT CO., LTD.Address of Applicant :1-2, OYODOKITA 2-CHOME, KITA-KU,
OSAKA-SHI, OSAKA 531-8511, Japan**2)J&S ENGINEERING**

(72)Name of Inventor :

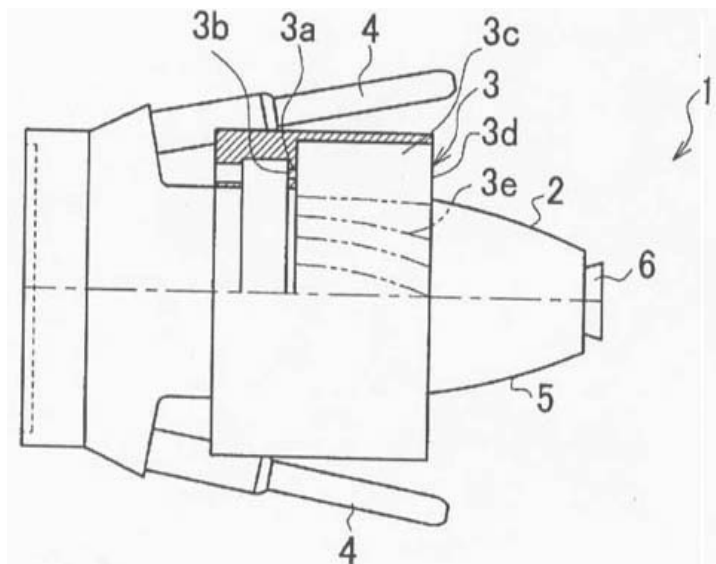
1)J&S ENGINEERING**2)TAKESHITA, KATSUHIRO****3)KANAKURA, AKIHIRO****4)YAMASAKI, SATOSHI**

No of Pages : 71

No of Claims : 16

(57) Abstract :

By forming an air flow in which a quantity and a blowoff angle of the air supplied toward an atomized spray paint flow don't influence a coating pattern, there are provided a coating apparatus and a coating method, each of which does not disturb the coating pattern, does not require conditions such as wind speed and temperature of a conventional coating booth, and can perform remarkable reduction in an air conditioning energy of the coating booth, prevention of scatter of a paint, and an improvement in a paint adhesion efficiency. In a spray coating apparatus which possesses a casing and an injection nozzle provided in a tip side of the casing and which forms a coating pattern by injecting paint and shaping air from the injection nozzle to thereby form a coating film on a coated object, a first adapter which blows off the air in an injection direction of the injection nozzle is provided on a substantially concentric circle of the injection nozzle, and the first adapter covers, by blowing off the introduced air while giving it a blowoff angle slanting toward a circumferential direction, an outer periphery of the coating pattern near the injection nozzle with the air.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2120/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :15/06/2006

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PROCESS FOR MANUFACTURING RUBBER WOVEN RUG

(51) International classification :D03D 27/06

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IN2004/000350

Filing Date :10/11/2004

(87) International Publication No :WO/2006/051557

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to to Application :NA

Number :NA

Filing Date

(71)Name of Applicant :

1)KONCHERRY, Suseelan, Sanjeev

Address of Applicant : Koncherry International,
Mayithara. P.O., Cherthala, Alappuzha District 688 539,
Kerala Kerala India

(72)Name of Inventor :

1)KONCHERRY, Suseelan, Sanjeev

No of Pages : 8

No of Claims : 2

(57) Abstract :

A method of manufacturing rubber woven rug comprising the following steps: (a) all the raw material compounds being mixed thoroughly, the resulting mixture is passed through a mould, connected to an extruder, to make rubber yarns, (b) these rubber yarns are vulcanized in a steam chamber, (c) this vulcanized rubber yarn is using as warp and weft thread for weaving door mats and rugs in different styles as Herring Bone, Panama and Boucle.

(54) Title of the invention : 2-(3,5-BIS-TRIFLUOROMETHYL-PHENYL)-N-METHYL-N-(6-MORPHOLIN-4-YL-4-O-TOLYL-PYRIDIN-3-YL)-ISOBUTYRAMIDE

(51) International classification	:C07D 213/75	(71)Name of Applicant :
(31) Priority Document No	:991233685.2	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:29/11/1999	Address of Applicant :124 GRENZACHERSTRASSE, CH-4070 BASLE.
(33) Name of priority country	:EUROPEAN UNION	Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THERESA MARIA BALLARD
(87) International Publication No	: NA	2)GUY ANDREW HIGGINS
(61) Patent of Addition to Application Number	:NA	3)TORSTEN HOFFMANN
Filing Date	:NA	4)SONIA MARIA POLI
(62) Divisional to to Application Number	:NA	5)ANDREW SLEIGHT
Filing Date	:NA	

No of Pages : 17

No of Claims : 6

(57) Abstract :
The invention relates to the compound of the formula which is 2-(3,5-bis-tritluoromethyl-phenyl)- N-methyl- N -(6-morpholin-4-yl-4-o-tolyl- pyridin -3-yl)- isobutyramide. It has been found that this compound has a high affinity to the NK -1 receptor and it is therefore useful in the treatment of diseases, which relate to this receptor.

(54) Title of the invention : A METHOD AND APPARATUS FOR TRANSCODING A CODED MOVING PICTURE SEQUENCE

(51) International classification	:H04N	(71)Name of Applicant :
	7/32	1)MEDIA GLUE CORPORATION ANDHIDEYOSHI
(31) Priority Document No	:NA	Address of Applicant :4-12 OKUBO 2-CHOME SHINJIKU-
(32) Priority Date	:NA	KU,TOKYO. WASEDA UNIVERSITY 3-10 NISHI WASEDA, 1-CHOME
(33) Name of priority country	:NA	SHINJIKU-KU,TOKYO. Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TSUYOSHI HANAMURA
(87) International Publication No	: NA	2)HIROYUKI KASAI SATOSHI NISHIMURA
(61) Patent of Addition to Application Number	:NA	3)HIDEYOSHI TOMINAGA
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 57

No of Claims : 7

(57) Abstract :

An apparatus for transcoding a coded moving picture sequence according to the present invention comprises a rate controller for adapting the scaling factor to perform the rate control over the coded moving picture sequence signal having a desired target bit rate. The rate controller of the apparatus has: a remaining bit computing unit for computing: a remaining number of inputting bits Rin(n) for each of the pictures in the first coded moving picture sequence signal on the basis of the number of real inputting bits Sin(n) of the current picture and the estimated number of inputting bits; and a remaining number of outputting bits Rout(n) for each of the pictures in the second coded moving picture sequence signal on the basis of the number of real outputting bits Sout(n) of the current picture and the estimated number of outputting bits; a target ratio computing unit for computing, for each of the pictures, a target ratio of the remaining number of outputting bits Rout (n) to the remaining number of inputting bits of the picture Rin(n); and a scaling factor computing unit for computing the scaling factor on the basis of the target ratio to control the target bit rate of the second coded moving picture sequence signal.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1114/MAS/2000 A

(19) INDIA

(22) Date of filing of Application :21/12/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PROCESS FOR CONTACT-CONNECTING SAFETY-MONITORED ROPES, CONTACT-CONNECTING DEVICE AND SAFETY-MONITORED SYNTHETIC FIBER ROPES OF STRANDS

(51) International classification	:F16G 11/00	(71)Name of Applicant :
(31) Priority Document No	:99 811186.8	1)INVENTIO AG
(32) Priority Date	:21/12/1999	Address of Applicant :SEESTRASSE 55, CH-6052 HERGISWIL NW.
(33) Name of priority country	:EUROPEAN UNION	Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CLAUDIO DE ANGELIS
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 15

(57) Abstract :

The present invention relates to a contact-connecting device with a contacting element (18)which connects more than two indicator fibers(9) in an electrically conducting manner to create a conducting connection of indicator fiber(9) at the end of a safety-monitored synthetic fiber rope(6) made from electrically insulating synthetic fibers and electrically conducting indicator fibers and electrically conducting indicator fibers(9). Fastening means (20,22) fix the contacting element (18) and the indicator fibers(9) in their positions relative to each other which creates a low-cost and reliable contact-connection.

(54) Title of the invention : A METHOD OF MASS-COLOURING POLYAMIDE MATERIAL AND A POLYAMIDE MATERIAL COLOURED THEREBY

(51) International classification	:C08K 5/00	(71) Name of Applicant :
(31) Priority Document No	:99811217.1	1)CIBA SPECIALTY CHEMICALS HOLDING INC.
(32) Priority Date	:29/12/1999	Address of Applicant :KLYBECKSTRASSE 141, 4057 BASEL.
(33) Name of priority country	:EUROPEAN	Switzerland
	UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)JEAN-MARIE ADAM
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 2

(57) Abstract :
This invention relates to a method of producing mass-coloured polyamide material, which method comprises incorporating a novel pigment of formula in the polyamide granules, homogenizing and extruding said mixture to produce coloured polyamide material.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1139/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :02/11/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METAL WIRE ROD FOR FORMING SLIDE FASTENER COUPLING ELEMENTS

(51) International classification	:A44B 19/06
(31) Priority Document No	:2002-108780
(32) Priority Date	:11/04/2002
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:309/MAS/2003
Filed on	:09/04/2003

(71)Name of Applicant :

1)YKK CORPORATION

Address of Applicant :1 Kanda Izumi-Cho, Chiyoda-Ku, Tokyo. Japan

(72)Name of Inventor :

1)AOKI, Toshio

2)MIYAZAKI, Kunio

3)OONO, Manami

No of Pages : 35

No of Claims : 6

(57) Abstract :

The invention relates to a metal wire rod (10) for forming slide fastener coupling elements, which has a part (11) along a side edge portion in a longitudinal direction of the metal wire rod and a pair of leg parts (13) extending from the head part (ii) through a crotch part (12), and which has a substantially Y-shaped section, characterized in that three or more bent portions (13a to 13c, 14a), which are bent inward, are formed successively in an extending direction of the leg parts (13) on an inner face from the crotch part (12) to a pawl part (14) at a front end of each of leg parts(13). The invention also relates to a slide fastener coupling element.

(54) Title of the invention : SINGLE BED PRESSURE SWING ADSORPTION PROCESS AND SYSTEM

(51) International classification	:B01D 53/053	(71) Name of Applicant : 1)AIR PRODUCTS AND CHEMICALS INC
(31) Priority Document No	:09/246517	Address of Applicant :7201 HAMILTON
(32) Priority Date	:09/02/1999	BOULEVARD,ALLENTOWN,PA 18195-1501 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)TARIK NAHEIRI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19No of Claims : 15

(57) Abstract :
A PSA process and system utilizes a combination of cyclic feed, evacuation, purge, and repressurization steps to provide a final gas product enriched in one of the feed components. The process is carried out in a simple system which utilizes a single two-way four-port valve for controlling gas flow between an adsorber vessel and a blower, and the blower is used for the introduction of feed gas into the adsorber and of gas from the adsorber. The control of gas flow in either direction between the adsorber vessel and a product gas storage tank is accomplished by two check valves installed in parallel between the vessel and the tank.

(54) Title of the invention : "A METHOD TO FORWARD FACSIMILE DOCUMENTS TO OTHER RENDERING DEVICES"

(51) International classification	:H04N	(71) Name of Applicant :
	1/32	1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE
(31) Priority Document No	:NA	LIMITED
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview, Block 'B', No. 66/1, Bagmane
(33) Name of priority country	:NA	Tech Park, C V Raman Nagar, Byrasandra, Bangalore - 560 093, Karnataka,
(86) International Application No	:NA	India. Karnataka India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)SAURABH JAIN
(61) Patent of Addition to Application Number	:NA	2)SARIN, S B,
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 18

(57) Abstract :
This invention explains a method of forwarding incoming facsimile documents to other rendering devices comprising the steps of receiving a facsimile document by the facsimile device, maintaining a table in the facsimile device, using any specific criteria to decide where to render the document and rendering the job to another rendering device according to the said criteria. According to the method proposed in the present invention, the facsimile device which receives the facsimile and the rendering device to which the document is assigned for rendering are connected to the same computer network.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1240/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :22/11/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : DISTAL HUMERUS AND ELBOW JOINT PROSTHESIS WITH OSCILLATING MECHANISM

(51) International classification	:A61F 2/38	(71) Name of Applicant : 1)MAYIL VAHANAN NATARAJAN
(31) Priority Document No	:NA	Address of Applicant :No. 4, Lakshmi Street, Kilpauk, Chennai-600 010
(32) Priority Date	:NA	Tamil Nadu India
(33) Name of priority country	:NA	2)MARIA CELESTINE JAYASINGH
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MAYIL VAHANAN NATARAJAN
(87) International Publication No	: NA	2)MARIA CELESTINE JAYASINGH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 18

(57) Abstract :

A surgically implantable distal humerus and elbow joint prosthesis with oscillating mechanism consists of a distal humeral component, a sleeve bearing, condylar component, oscillating guide ring, two collared bushes, pivot pin locating screw and a proximal ulnar stem. When assembled together, the upper end of the distal humeral component forms the bone-anchoring component. The lower end of the distal humeral component accommodates the sleeve bearing, and this assembly along with the oscillating guide ring fits onto the condylar component, which is connected to the proximal ulnar component by the pivot pin with two collared bushes and pivot pin fixing screw. The lower end of the proximal ulnar stem forms the intramedullary- anchoring component. This prosthesis permits a flexion movement of 0-170° and an oscillating motion of 0-50°.

(54) Title of the invention : A METHOD OF DISINTEGRATING BIOFILM

(51) International classification	:C02F 01/50	(71) Name of Applicant :
(31) Priority Document No	:60/435,680	1)LONZA INC.
(32) Priority Date	:20/12/2002	Address of Applicant :17-17 Route 208, Fair Lawn, NJ 07410 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2003/017882	1)UDENSKY, Michael
Filing Date	:06/06/2003	2)SWENY, Philip, Gerdon
(87) International Publication No	:WO/2004/060818	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 18

(57) Abstract :

The present invention relates to a method of disintegrating biofilm, flocculent bulked sludge or bulked biologically active sludge in an aqueous s which comprises adding to or forming in said aqueous medium containing biofilm, flocculent bulked sludge or bulked biologically active sludge one or more chlorinated hydantoins in the amount required to obtain a concentration of from 0.01 to 100 ppm (expressed as C12) of such chlorinated hydantoins in said aqueous medium.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1312/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :03/12/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : STATUS MODULE FOR CIRCUIT BREAKER

(51) International classification	:H02H 3/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :MYSORE WORKS,KIADB INDUSTRIAL
(32) Priority Date	:NA	AREA,HEBBAL-HOOTAGALLI,MYSORE-570 018. Karnataka India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)R.S.A PRADEEP
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 12

(57) Abstract :

A design and use of Breaker Status Module in plurality constitutes the following A memory unit capable of storing Status, Date and Time stampings up to 10 records Breaker status module housing LEDs for status visualizations. - A Micro controller acts as a central processing unit. - A Memory module stores Status, Date and Time stampings up o 10 records - Uses RS 485 interface for connection between master and BSM units by employing Modbus protocol. - 32 BSM modules are connected using Node address Dip Switch

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1314/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :03/12/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : SOFT-LED INDICATORS IN TRIP UNIT DISPLAYS

(51) International classification	:G05F1/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :KIADB INDUSTRIAL AREA ,HEBBAL-
(32) Priority Date	:NA	HOOTAGALLI,MYSORE-570 018 Karnataka India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)JAGADISH P.SAHU
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 5

(57) Abstract :

The design of a indicator in a machine with multiple shapes and color is claimed here. of a status indicator in a macs of machine through software control rather than The design state The alternative method of displaying hardware is claimed here in this invention. A soft indicator consisting of control through software; a display shape and color for indicator; a method for designing multiple ifable indicator; a cost effective and easily of controlling the status indicator.

(54) Title of the invention : A WIRELESS RECEIVER AND A WIRELESS RECEIVING METHOD OF THE SAME

(51) International classification	:H04B 1/10	(71) Name of Applicant :
(31) Priority Document No	:HEI. 11-86463	1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.,
(32) Priority Date	:29/03/1999	Address of Applicant :1006, KADOMA, KADOMA-SHI, OSAKA..
(33) Name of priority country	:Japan	Japan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)YOSHINORI MIYAJIMA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 67

No of Claims : 19

(57) Abstract :

A signal processing unit 107 outputs a control parameter of a gain control operation-starting electric field strength value in the form of a signal CN1 in correspondence with data of transfer speed/number of FM level by referring to a memory 108. Then, this signal processing unit 107 controls setting of an Received Signal Strength Indicator 105. When an electric field strength of a signal reaches an operation-starting electric field strength value, the Received Signal Strength Indicator (RSSI) 105 changes a voltage of an output GC1 based upon the control parameter (signal CN1). A gain control circuit 106 changes a gain control amount in response to the output signal GC1 derived from the Received Signal Strength Indicator 105. As a consequence, the operation-starting electric field strength value of the AGC operation can be set under optimum condition in correspondence with the sort of signal.

(54) Title of the invention : (3R,5S)-7[2-CYCLOPROPYL-4-(4-FLUOROPHENYL)QUINOLINE-3-YL]-3,5-DIHYDROXY-6-(E)HEPTENOIC ACID CALCIUM SALT, AND (4R,6S)-(+)-6-{2-2-CYCLOPROPYL-4-(4-FLUOROPHENYL)QUINOLINE-3-YL}-VINYL]-2,2-DIMETHYL-[1,3]-DIOXANE-4-YL}-ACETIC ACID TERT.BUTYL ESTER.

(51) International classification	:C10C 3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MSN LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant
(33) Name of priority country	:NA	:SY.NO:317&323,RUDRAM(VIL),PANATCHERU(MDL),MEDAK(DISK),ANDHRA
(86) International Application No	:NA	PRADESH-502 329 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SATYANARAYANA REDDY
(61) Patent of Addition to Application Number	:NA	2)MUPPA KISHORE KUMAR
Filing Date	:NA	3)MARAM REDDY SAHADEVA REDDY
(62) Divisional to to Application Number	:NA	4)THIPPI REDDY PURNA CHANDRA SEKHAR REDDY
Filing Date	:NA	5)VUJJINI ARAVIND KUMAR

No of Pages : 20

No of Claims : 20

(57) Abstract :

A novel process for the preparation of(3R,5S)-7[2-cyclopropyl-4-(4-fluorophenyl) quinoline-3-yl]-3,5-dihydroxy-6-(E) heptenoic acid calcium salt, and (4R,6S)-(E)-(+)-6-{2- (2-cyclopropyl-4-(4-fluorophenyl) quinoline-3-yl)-vinyl}-2,2-dimethyl -[1,3]dioxane-4-yl }-acetic acid tert.butyl ester (PITAVA STATIN CALCIUM SALT AND ITS INTERMEDIATE) A novel process for the preparation of a compound of formula Wherein R,R' are phenyl or alkyl is reacted with tert-butyl 2-[(4R, 6S)-6-formyl -2,2dimethyl-1, 3-dioxane-4-yl] acetate in the presence of a strong base to produce the compound of a formula.

(54) Title of the invention : 4-PHENYL-PYRIDINE DERIVATIVES

(51) International classification	:C07D 213/82	(71)Name of Applicant :
(31) Priority Document No	:99103504.9	1)HOFFMANN-LA ROCHE AG
(32) Priority Date	:24/02/1999	Address of Applicant :124 GRENZACHERSTRASSE, CH-4070 BASLE.
(33) Name of priority country	:EUROPEAN UNION	Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MICHAEL BOS
(87) International Publication No	: NA	2)QUIRICO BRANCA
(61) Patent of Addition to Application Number	:NA	3)GUIDO GALLEY
Filing Date	:NA	4)THIERRY GODEL
(62) Divisional to to Application Number	:NA	5)TORSTEN HOFFMANN
Filing Date	:NA	6)WALTER HUNKELER
		7)PATRICK SCHNIDER
		8)HEINZ STADLER

No of Pages : 69

No of Claims : 8

(57) Abstract :

The present invention relates to compounds of the general formula Wherein R is hydrogen, lower alkyl, lower alkoxy, halogen or trifluoromethyl; R1 is hydrogen or halogen; or R and R1 may be together -CH=CH-CH=CH-; R2 and R2' are independently from each other hydrogen, halogen, trifluoromethyl, lower alkoxy or cyano; or R2 and R2' may be together -CH=CH-CH=CH-, optionally substituted by one or two substituents selected from lower alkyl or lower alkoxy; R3 is hydrogen, lower alkyl or form a cycloalkyl group; R4 is hydrogen, -N(R5)2, -N(R5)(CH2)N OH, -N(R5)S(O)2- phenyl, -N=CH-N(R5)2, -N(R5)C(O)R5 or a cyclic tertiary amine of the group R5 is, independently from each other, hydrogen, C3-6-cycloalkyl, benzyl or lower alkyl; R6 is hydrogen, hydroxy, lower alkyl, -(CH2)nCOO-lower alkyl, -N(R5)CO-lower alkyl, hydroxy-lower alkyl, cyano, -(CH2)nO(CH2)nOH, -CHO or a 5- or 6 membered heterocyclic group, optionally bonded via an alkylene group, X is -C(O)N(R5)-, -(CH2)mO-, -(CH2)mN(R5)-, -n(R5)c(O)-, or -N(R5)(CH2)m-; n is 0-4; and m is 1 or 2; and to pharmaceutically acceptable acid addition salts thereof. The compounds of formula I show a high affinity to the NK-1 receptor. They may be used for the treatment of diseases, which relate to NK-1 receptor antagonists.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1442/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :28/12/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING REMINDER FOR DEFERRED MM

(51) International classification	:H04B	(71) Name of Applicant :
(31) Priority Document No	1/00	1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE
(32) Priority Date	:NA	LIMITED
(33) Name of priority country	:NA	Address of Applicant :BAGMANE LAKEVIEW,BLOCK 'B',NO
(86) International Application No	:NA	66/1,BAGMANE TECH PARK ,C V RAMAN NAGAR,BANGLORE 560
Filing Date	:NA	093 Karnataka India
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SESHADRI THIRUMALAI ECHAMPADI
Filing Date	:NA	2)JEEDIGUNTA VENKATESWAR
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 23

(57) Abstract :

This invention applies to the multimedia messaging technology ,where especially the deferred MM is quite evident ,as the user may wish to postpone the decision to retrieve the MM upon receiving the notification of MM arrival.The invention explains a method and a system for reminder management to increase the probabillity of retriving the deffered offline message under notify/get scenario; where the said method can be implemented in the client side or server side.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1463/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :31/12/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD AND SYSTEM FOR CONTROLLING OVERLOAD OF MEDIAGATEWAY

(51) International classification	:H04L12/00	(71) Name of Applicant : 1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED
(31) Priority Document No	:NA	Address of Applicant :J.P TECHNO PARK,3/1,MILLER
(32) Priority Date	:NA	ROAD,BANGLORE 560 052 Karnataka India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)JAEHOON LEE
Filing Date	:NA	2)VENKATA RAMA REDDY PADALA
(87) International Publication No	: NA	3)WASI ASGHAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 20

(57) Abstract :

The present invention relates to N~taco Protocol used between Media Gateway Controller (MGC) and Media Gateway (MG/MGW). Particularly this invention relates to intimate MGC about MG overloading. More particularly the present invention relates to a method and system for detecting/controlling overload of media gateway wherein when the load at an MGW is above Cutoff-Overload Value for Overload Duration time, MGW sends Notify to MGC and starts an Overload Timer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1465/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :31/12/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD FOR CUSTOMIZATION OF RING TONES AND DISPLAY PROFILE BY CALLING PARTY

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	3/00	1)SAMSUNG ELECTRONICS CO LTD,INDIA SOFTWARE
(32) Priority Date	:NA	OPERATIONS(SISO)
(33) Name of priority country	:NA	Address of Applicant :J.P.TECHNO PARK,3/1,MILLERS
(86) International Application No	:NA	ROAD,BANGLORE 560 052 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SONA K RAJ
(61) Patent of Addition to Application Number	:NA	2)SUDHIR KUMAR BAGHEL
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 50

(57) Abstract :

e invented method is related to Wireless and Cellular communication. More particularly the present invention relates to a method for customization of ring tones and display profile by calling party. The implementation can be executed in one of the four ways. First, MS1 specified ring tone and display profile are stored in network. Second, Flash with Information Message (FWIM) with ring tones/display profile shall be sent from MS1 (calling party) during call setup to Network and then AWIM/FWIM is used to send it to MS2 from Network. Third, during call setup, network sends an SMS with the specified ring tone to the called party on FTCH just before sending the AWIM. Fourth, SMS with ring tones/display profile can be sent from MS1, and MS2 checks if it has received any valid SMS (containing ring tones) from the same number from where it is receiving messages for call origination within a specified time.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1472/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :31/12/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD AND SYSTEM FOR RESTRICTED ACCESS TO PRINTERS

(51) International classification	:G06F1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG ELECTRONICS CO LTD.,INDIA SOFTWARE OPERATIONS(SISO)
(32) Priority Date	:NA	Address of Applicant :J.P TECHNO PARK,3/1,MILLERS
(33) Name of priority country	:NA	ROAD,BANGLORE 560 052 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MADANAPALLI SYAM
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 13

(57) Abstract :

The invention relates to a method and system by which access to printers is confined to specific users. The invention proposes a scheme in which the users get access to printers through validated / authenticated password. The method for restricting access to printer/MFP comprising the steps of, configuring the password/PIN by the administrator in the printer/MFP; requesting for password/PIN by print application when the user selects the print option for a particular document; entering the PIN/password in the Print Application Window by the user; sending the print job to said printer; validating the PIN/password; spooling the said print job to the printer if said validation is successful; denying the print service to the user if the said validation is unsuccessful; and notifying the said denial of print service to the user. This method does not need any authentication server. The method as claimed in this invention for restricted access to printers does not need any additional hardware for implementation. The method enables users to access the printers through any of the machines across the network.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1473/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :31/12/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD FOR AUTOMATING TUNNEL END POINT CREATION USING SNMP

(51) International classification	:H04LÂ 12/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE
(32) Priority Date	:NA	LIMITED
(33) Name of priority country	:NA	Address of Applicant :BAGMANE LAKEVIEW,BLOCK 'B',NO
(86) International Application No	:NA	66/1,BAGMANE TECH PARK ,C V RAMAN NAGAR
Filing Date	:NA	,BYRASANDRA,BANGLORE-560 093 Karnataka India
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SYAM MADNAPALLI
Filing Date	:NA	2)VENKATA SUBBA REDDY KOTA
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 5

(57) Abstract :

The invention provides a method for automating the process of creating Tunnel End Points for a configured IPv6 over IPv4 tunnel using SNMP. According to the invention the automation of tunnel end point creation is at v4/v6 nodes (most of the cases Dual stack border routers) separated by IPv4 routing infrastructure. It is also an object of the invention to automate the configuration for configured IPv6 in IPv4 tunnels to facilitate the communication between multiple IPv6 clouds separated by IPv4 routing infrastructure.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1481/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :31/12/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : VOICE RECOGNITION BASED SECURITY SYSTEM FOR MOBILE PHONES

(51) International classification	:G10L 17/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG INDIA SOFTWARE OPERATIO PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :BAGMANE LAKEVIEW,BLOCK B NO. 66/1,
(33) Name of priority country	:NA	BAGMANE TECH PARK, C V RAMAN NAGAR,
(86) International Application No	:NA	BYRASANDRA,BANGALORE-560093. Karnataka India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)SACHIN PURANDARDAS KAMAT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 24

(57) Abstract :

The present invention relates to the Mobile phone security -Application. More particularly the present invention relates to the voice recognition based security system for mobile phones. This invention is a voice recognition based security system for mobile phones comprising; Voice processing module which generates the voice model based on the spoken words; Neuro-fuzzy pattern recognition module which takes care of the little variations in the tone and other factors; Speaker verification module which verifies the voice model obtained from the speaker with that available in the database; and database update module which fine tunes the existing data with the help of the new data and updating the data accordingly

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1764/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :01/08/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : PHOTSENSITIVE DISPERSION WITH ADJUSTABLE VISCOSITY FOR METAL DEPOSITION ON AN INSULATING SUBSTRATE

(51) International classification	:C23C 18/30
(31) Priority Document No	:2003/0007
(32) Priority Date	:03/01/2003
(33) Name of priority country	:Belgium
(86) International Application No	:PCT/BE03/00229
Filing Date	:24/12/2003
(87) International Publication No	:WO/04/61157
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SEMIKA S.A.

Address of Applicant :Boulevard du Prince Henri, 3B, 1724 Luxembourg
Luxembourg

(72)Name of Inventor :

1)DUPUIS, Olivier

2)DELVAUX, Mary-Helene

No of Pages : 17

No of Claims : 24

(57) Abstract :

The invention relates to a photosensitive dispersion with adjustable viscosity for metal deposition on an insulating substrate, which combines the following: a pigment providing oxidation-reduction properties under light irradiation, a metallic salt, a complex-forming agent for the metallic salt, a liquid film-forming polymer formulation, a basic compound, an organic solvent and water. The invention also relates to the use of said dispersion.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.187/MAS/1996 A

(19) INDIA

(22) Date of filing of Application :06/02/1996

(43) Publication Date : 20/04/2007

(54) Title of the invention : "CUSTOMIZABLE INTEGRATED CIRCUIT DEVICE"

(51) International classification	:G11C	(71) Name of Applicant :
(31) Priority Document No	5/06	1)CHIP EXPRESS (ISREAL) LTD.,
(32) Priority Date	:NA	Address of Applicant :ADVANCED TECHNOLOGY CENTER, PO
(33) Name of priority country	:NA	BOX. 2401 HAIFA 31000 ISRAEL. Israel
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ERAN ROTEM
(87) International Publication No	: NA	2)UZI YOELI
(61) Patent of Addition to Application Number	:NA	3)RICHARD STEPHEN PHILLIPS
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 32

(57) Abstract :

A customizable gate array device including a customizable gate array portion and a customizable memory portion.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1937/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :16/08/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : A SYSTEM AND METHOD FOR BUFFERING MEDIA DATA IN A BUFFER

(51) International classification	:H04N 7/24
(31) Priority Document No	:60/448,693
(32) Priority Date	:18/02/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/FI2004/050016
Filing Date	:17/02/2004
(87) International Publication No	:WO/2004/075555
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant :Keilalahdentie 4, FI-02150 ESPOO Finland
(72)**Name of Inventor :**
1)HANNUKSELA, Miska

No of Pages : 43

No of Claims : 31

(57) Abstract :

The invention relates to a method for buffering multimedia information, wherein a parameter is defined indicative of the maximum amount of transmission units comprising multimedia data that precede any transmission unit comprising multimedia data in the packet stream in transmission unit transmission order and follow the transmission unit comprising multimedia data in decoding order. The invention also relates to a system, a transmitting device, a receiving device, a computer program product, a signal and a module.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.199/CHE/2003 A

(19) INDIA

(22) Date of filing of Application :11/03/2003

(43) Publication Date : 20/04/2007

(54) Title of the invention : A COMPOSITION FOR EXTRACTION OF PLASMID DNA

(51) International classification	:C12N	(71) Name of Applicant :
(31) Priority Document No	15/11	1)JAWAHARLAL NEHRU CENTRE FOR ADVANCED
(32) Priority Date	:NA	SCIENTIFIC RESEARCH
(33) Name of priority country	:NA	Address of Applicant :MOLECULAR BIOLOGY ANDE GENETICS
(86) International Application No	:NA	UNIT, JAKKUR, P.O. BOX 6436, BANGALORE. Karnataka India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)UDAYKUMAR RANGA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 6

(57) Abstract :

A composition for the extraction od purified plasmid DNA, said composition comprising cell suspension buffer, Bacterial lysis solution, neutralization buffer, DNA bind-solution and wash buffer concentrate.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.213/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :26/03/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : A DUAL CENTRIFUGAL CLUTCH SYSTEM

(51) International classification	:F16D 43/30	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED, Address of Applicant :Jayalakshim Estates, # 08, Haddows Road, Chennai-600 006 Tamil Nadu India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)S . RAMIAH
(33) Name of priority country	:NA	2)V Sudhir
(86) International Application No	:NA	3)aa
Filing Date	:NA	4)GANESH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 3

(57) Abstract :

A dual centrifugal clutch system for transmission of power from driver means to driven means comprising a clutch housing and at least one shoe carrier, first and second sets of centrifugal clutches, the first set having at least two equally spaced clutch shoes such that at a first angular speed of the shoe carrier, the shoes of the first set extend outwardly to cause the said shoes to just engage with the clutch housing, the second set having two equally spaced clutch shoes such speed the shoes of the second set extend outwardly to cause the said shoes to fully engage with the clutch housing.

(54) Title of the invention : AN ADDITIVE COMPOSITION FOR INCREASING THE FUEL EFFICIENCY AND REDUCE POLLUTION IN EQUIPMENTS

(51) International classification	:C10L	(71) Name of Applicant :
	1/10	1)TRANSGLOBAL TECHNOLOGIES (INDIA) PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :4A, HARLEYS ROAD, KILPAUK, CHENNAI.
(32) Priority Date	:NA	Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)ARJUNAN NARAYANASWAMY
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 4

No of Claims : 4

(57) Abstract :
An additive composition for increasing the fuel efficiency and reduce pollution in equipments such as engines and furnaces using hydrocarbon fuels the said additive composition comprising 3 to 7 weight percent of anthracene powder, 3 to 7 weight percent naphthalene powder, 15 to 25 weight percent of di-acetone, 3 to 7 weight percent of nitro benzene, 3 to 7 weight percent of tri-tolyl phosphate, 15 to 25 weight percent of acetone, 3 to 7 weight percent of benzoyl peroxide and 30 to 48 weight percent of alcohol.

(54) Title of the invention : A SILK OF SUPERIOR QUALITY AND HIGH YIELD

(51) International classification :C12N (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :PCT/IB2002/001349 Filing Date :17/04/2002 (87) International Publication No :WO/2003/087295 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71) Name of Applicant : 1)ANDHRA PRADESH STATE SERICULTURE RESEARCH & DEVELOPMENT INSTITUTE Address of Applicant : Kirikera, Hindupur, Andhra Pradesh 515 211 Andhra Pradesh India 2)CENTRE FOR DNA FINGERPRINTING AND DIAGNOSTICS; (72) Name of Inventor : 1)CHANDRASHEKHARAI AH; 2)RAO, Chikati, Guruprasad; 3)BABU, Modumudi, Ramesh; 4)SIVAPRASAD, Vankadara; 5)GOEL, Ajay, Kumar 6)PRASAD, Jonna; 7)NAGARAJU, Javare, Gowda;

No of Pages : 41

No of Claims : 4

(57) Abstract :

A silk of superior quality and high yield produced from a Mulberry silkworm hybrid named Swarnandhra, a cross of polyvoltine APM1 derived from pureline inbreed of Madagascar hybrids and bivoltine APS8 derived from pureline inbreed of Chinese hybrids, wherein the silk shows following characteristics: (i) international grade of 2A3A; (ii) reelability ranging between 80 and 90%; (iii) renditta ranging between 7.0 and 7.5 kg; (iv) floss percentage less than 5%; and (iv) greenish yellow color; and a cocoon of good yield and superior quality produced from a Mulberry silkworm hybrid named Swarnandhra, a cross of polyvoltine APM, derived from pureline inbreed of Madagascar hybrids and bivoltine APS8 derived from pureline inbreed of Chinese hybrids.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2597/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :17/11/1998

(43) Publication Date : 20/04/2007

(54) Title of the invention : PRINTING MACHINE CYLINDER, ESPECIALLY A BACK-PRESSURE CYLINDER FOR A SHEET-FED ROTARY PRINTING MACHINE

(51) International classification	:B41F 21/00	(71) Name of Applicant :
(31) Priority Document No	:19756942.0-27	1)HEIDELBERGER DRUCKMASCHINEN AKTIENGESELLSHAFT
(32) Priority Date	:22/12/1997	Address of Applicant :KURFURSTEN-ANLAGE 52-60,D-69115
(33) Name of priority country	:Germany	HEIDELBERG Germany
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)WILLI BECKER
(87) International Publication No	: NA	2)DR ANDREAS FRICKE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 25

(57) Abstract :

A printing machine cylinder, especially a back-pressure cylinder for a sheet-fed rotary printing machine, having a basic cylinder body, which is rotatably mounted in the housing of the printing machine and is covered by a film having a large number of openings, characterized in that the circumferential surface of the basic cylinder body has recesses formed in it, which accommodate elements which run over the circumferential surface of the cylinder and have a large number of passage channels, which have a flow connection to the openings in the film and extend from the upper side of the elements to air distributor chambers that can be connected to a suction-air source or blown-air source.

(54) Title of the invention : AN AQUEOUS HARD SURFACE SANITIZING COMPOSITION

(51) International classification	:A61K 31/255	(71)Name of Applicant : 1)RECKITT BENCKISER INC
(31) Priority Document No	:9725095.5	Address of Applicant :1655 VALLEY ROAD,WAYNE,NEW JERSEY
(32) Priority Date	:28/11/1997	07474 U.S.A.
(33) Name of priority country	:U.K.	(72)Name of Inventor :
(86) International Application No	:NA	1)KAREN ANN MCCUE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 5

(57) Abstract :
Aqueous compositions comprising a synergistic combination of n-propyl alcohol and linear alkylbenzenesulfonate,especially dodecyl benzene sulfonate which provides good germicidal efficacy against both gram positive and gram negative bacteria on hard surfaces and the like.Processes for the sanitization of hard surfaces wherein the presence of gram positive and/or gram negative bacteria is suspected ia also disclosed.

(54) Title of the invention : A LOCKING DEVICE OF A REVERSIBLE PLUG-IN AND DISCONNECTION MECHANISM

(51) International classification	:H02B11/133	(71)Name of Applicant :
(31) Priority Document No	:9800568	1)SCHNEIDER ELECTRIC SA
(32) Priority Date	:15/01/1998	Address of Applicant :40 AVENUE ANDRE MORIZET F92100
(33) Name of priority country	:France	BOULOGNE BILLANCOURT, FRANCE France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ALAIN GERBERT-GAILLARD
(87) International Publication No	: NA	2)VOUREY
(61) Patent of Addition to Application Number	:NA	3)MICHEL PERROUD
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 10

(57) Abstract :

A locking device of a reversible plug-in and disconnection mechanism designed to be driven by a removable operating part, for a switchgear apparatus with disconnection by extraction designed to be placed in several states, for example a state called "disconnected" and a state called "plugged-in", this device comprising: a main locking catch comprising a mobile element able to take a position called closed in which it prevents the operating part from being fitted and a position called open in which it enables the operating part to be fitted; and a first operating means of the main locking catch to which one or more of said states of the switchgear apparatus are associated and able, when it is in an active state, to determine if the apparatus is not in one of said associated states and in this case to prevent the mobile element of the main locking catch from moving to its closed position, characterized in that the first operating means of the main locking catch is designed to move in reversible manner from said active state to a passive state in which it can not prevent the mobile element of the main locking catch from moving to its closed position, and in that it comprises in addition an operating mode selector comprising a selection part able to move reversibly from a first position in which it is designed to maintain the first operating means in its active state throughout a plug-in and disconnection cycle, to a second position in which it is designed to maintain the first operating means in its passive state throughout a plug-in and disconnection cycle.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.305/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :19/04/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD FOR THE PREPARATION OF 4-HALOGENO-2-SUBSTITUTED IMINO-3-OXO-BUTYRIC ACID

(51) International classification	:C07D 501/36	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ORCHID CHEMICALS & PHARMACEUTICALS LTD.
(32) Priority Date	:NA	Address of Applicant :ORCHID TOWERS, 313, VALLUVAR KOTTAM
(33) Name of priority country	:NA	HIGH ROAD, NUNGAMBAKKAM, CHENNAI-600 034 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PANDURANG BALWANT DESHPANDE
(87) International Publication No	: NA	2)PARVEN KUMAR LUTHRA
(61) Patent of Addition to Application Number	:NA	3)PRATIK RAMESH SATHE
Filing Date	:NA	4)SIVAKUMARAN SUNDARAVADIVELAN
(62) Divisional to to Application Number	:NA	5)PRAVEEN NAGESH GANESH
Filing Date	:NA	

No of Pages : 25

No of Claims : 13

(57) Abstract :

The present invention relates to a method for the preparation of 4-halogeno-2- substitutedimino-3-oxo-butyric acid of formula (I) wherein R1 represents CH3, CRaRbCOORc where Ra and Rb independently represent hydrogen or methyl and RC represents hydrogen or (C1-C3)alkyl, X represents halogen (Cl and Br). The invention also discloses the activation of this acid and its further use in the Peparation of cephalosporanic antibiotics (II) in excellent yields and purity

(54) Title of the invention : RENDERING OF SOFT SHADOWS USING DEPTH MAPS

(51) International classification	:G06T 15/60	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DREAMWORKS
(32) Priority Date	:NA	Address of Applicant :1000 Flower Street, Glendale, CA 91201 U.S.A.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/US2003/016956	1)SCHMIDT, Karl, Johann
Filing Date	:30/05/2003	
(87) International Publication No	:WO/2004/109601	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16No of Claims : 14

(57) Abstract :
A soft shadow cast by an area light source (10) is rendered using a depth map computed for the light source (10). To determine the amount of shadow at a given shading point (30), a renderer uses the location and depth value of pixels in the depth map to compute an amount of the area of the light source occluded by occluding objects (25) represented by the depth map. In another embodiment, the renderer uses the depth map to estimate a non-occluded area of the light source (10). Thereafter, the renderer determines the amount of light occlusion at a given shading point (30) using the computed occluded and/or non-occluded area.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.360/MAS/2000 A

(19) INDIA

(22) Date of filing of Application :09/05/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF QUINOLONE DERIVATIVES

(51) International classification	:C07D 215/56	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATCO PHARMA LIMITED
(32) Priority Date	:NA	Address of Applicant :NATCO HOUSE, ROAD NO.2, BANJARA
(33) Name of priority country	:NA	HILLS, HYDERABAD-33. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VENKAIAH CHOWDARY NANNAPANENI
(87) International Publication No	: NA	2)PULLA REDDY MUDDASANI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 22

(57) Abstract :

This invention relates to Novel compounds for the preparation of quinolone derivatives of the formula I. wherein R=C1-C6 alkyl, C3-C6 cycloalkyl, aryl, substituted aryl, NR1R2=diarylamino, arylalkylamino,C1-C6-dialkylamino, piperazinyl, N or C alkyl (C1-C6)substituted piperazinyl, morpholino, pyrrolidinyl, substituted pyrrolidinyl, aralkyl, substituted aralkyl etc. The present invention for preparation of compound of formula I comprises in enhancing the reactivity of the displaceable halogen (X) in the compound of the formula II towards various amines of formula III wherein R=as defined for compound of formula-I, R3=COOR6 (R6=c1-c6 alkyl, aryl, aralkyl), nitrile, a carboxamide (-CONR7R8, R7 and R8= C1-C6 alkyl, C3-C6 cycloalkyl, aralkyl), X=Cl, Br, F; NR1R2= as defined above by introducing a nitro group ortho to the displaceable halo group and subsequently removing the nitro group in a conventional manner. The process of the present invention enhances the yield of the compound of the formula I and also improves the quality of the prepared compound. These compounds ciprofloxacin, enrofloxin, pefloxacin, etc) are useful as antibacterial drugs.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.389/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :22/05/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : A NEW PROCESS FOR THE PREPARATION OF CEFEDITOREN USING THE THIAZOLYLACETIC ACID

(51) International classification	:CO7D 501/16	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ORCHID CHEMICALS & PHARMACEUTICALS LTD
(32) Priority Date	:NA	Address of Applicant :1,6TH FLOOR, CROWN COURT,
(33) Name of priority country	:NA	34,CATHEDRAL ROAD, TN, CHENNAI-600 086. Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PANDURANG BALWANT DESHPANDE
(87) International Publication No	: NA	2)PARVEN KUMAR LUTHRA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 7

(57) Abstract :

The present invention provides a process for the preparation of Cefditoren of the formula (I) which comprises acylating 7-amino-cephem carboxylic acids of the general formula (IV) where R₂ is hydrogen or trimethylsilyl with thioester derivatives of .the formula (II) where R₁ represents C₁ -C₄ alkyl or phenyl in an organic solvent in the presence of an organic base at a temperature in the range of -10°C to 30°C.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.393/CHE/2003 A

(19) INDIA

(22) Date of filing of Application :09/05/2003

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD OF THE EXTRACTION AND PURIFICATION OF NATURAL MIXED CAROTENOID FROM MICROALGAE

(51) International classification	:C07C 403/00	(71) Name of Applicant : 1)APPLIED BIOTECHNOLOGY LIMITED
(31) Priority Document No	:NA	Address of Applicant :FIRST FLOOR, #15, III AVENUE, INDIRA
(32) Priority Date	:NA	NAGAR, ADYAR, CHENNAI. Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)NIDAMANGALA SRINIVASA VENKATESH
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 10

(57) Abstract :

The process of the present invention relates to the extraction and purification of both a natural mixed carotenoid product in oil form and an crystalline form wherein the crystalline form contains predominantly the alltrans isomer of betacarotene and the other minor carotenoids are alpha carotene, lutein, zeaxanthin and the cis isomer of betacarotene and the oil form contains predominantly the cis isomer of betacarotene, with substantial quantities of lutein and zeaxanthin along with alphacarotene from solid wet biomass of algae containing about 80% moisture, preferably from algae of the genus Dunaliella. More particularly, the present invention relates to a single solvent process whereby both natural and colorant products lie along the same process line. The nutritional product contains the natural array of carotenes and xanthophylls found in both the oil form and the crystalline form.

(54) Title of the invention : A WIRELESS APPARATUS AND A METHOD IN A COMMUNICATION SYSTEM

(51) International classification	:H04L 1/20	(71)Name of Applicant :
(31) Priority Document No	:10/254,329	1)QUALCOMM INCORPORATED
(32) Priority Date	:23/09/2002	Address of Applicant : 5775 Morehouse Drive, San Diego, CA 92121
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2003/030221	(72)Name of Inventor :
Filing Date	:23/09/2003	1)HOLTZMAN, Jack M.
(87) International Publication No	:WO/2004/028065	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 35

No of Claims : 55

(57) Abstract :
Methods and apparatus for improving the feedback of channel information to a serving base station, which provides accuracy and reliability of such information. The process determines the received link quality indicators using historical information of the previously received indicators. The method may be applied to full link quality indicators, differential indicators, and/or a combination of both.

(54) Title of the invention : A TOPICAL COMPOSITION COMPRISING METRONIDAZOLE"

(51) International classification	:A61K 31/4164	(71) Name of Applicant :
(31) Priority Document No	:60/406,351	1)SLA PHARMA AG
(32) Priority Date	:26/08/2002	Address of Applicant : Rebagasse 2, CH-4410 Liestal. Switzerland
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/GB03/03692	1)ARMSTRONG, David, Nigel
Filing Date	:22/08/2003	
(87) International Publication No	:WO 04/017962	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 14

(57) Abstract :

A topical composition comprises at least 5-wt % metronidazole or a pharmacologically acceptable derivative thereof in a non-aqueous vehicle. The composition may be used in the treatment of conditions of the colon, rectum, anorectum and perianal region, in particular inflammatory bowel disease and perianal Crohn's disease. The composition also relieves pain and inflammation and promotes healing of the colon, rectum, and anorectum and perianal region following surgical operations. One advantage of the composition is that topical administration of metronidazole results in a primarily local effect and thus side effects observed from systemic administration are avoided.

(54) Title of the invention : A SINGLE SOLUTION BONDING AGENT (SSBA) AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:A61K 6/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY,
(32) Priority Date	:NA	Address of Applicant :BIOMEDICAL TECHNOLOGY WING,
(33) Name of priority country	:NA	SATELMOND PALACE, THIRUVANATHAPURAM. Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KALLIYANAKRISHNAN VENKATESWARAN
(87) International Publication No	: NA	2)LIZYMOL PHILIPOSE PAMPADYKANDATHIL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8No of Claims : 10

(57) Abstract :
A single solution bonding agent for use as an adhesive in dental applications comprising pyromellitic glycerol dimethyacrylate (PMGDM) and 2-hydroxy ethyl methacrylate (HEMA), a solvent, a photo-initiator and an accelerator.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.448/CHE/2003 A

(19) INDIA

(22) Date of filing of Application :03/06/2003

(43) Publication Date : 20/04/2007

(54) Title of the invention : NOVEL ANTIINEFECTIVE COMPOUNDS AND THEIR PHARMACEUTICAL COMPOSITIONS

(51) International classification	:A61K 031/41	(71) Name of Applicant : 1)REDDY'S LABORATORIES LTD.
(31) Priority Document No	:NA	Address of Applicant :7-1-27, AMEERPET, HYDERABAD. Andhra Pradesh India
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)MOHAMED TAKHI
Filing Date	:NA	2)JAGATTARAN DAS
(87) International Publication No	: NA	3)NATESAN SELVAKUMAR
(61) Patent of Addition to Application Number	:NA	4)SANJAY TREHAN
Filing Date	:NA	5)JAVED IQBAL
(62) Divisional to to Application Number	:NA	6)MAGADI SITARAM KUMAR
Filing Date	:NA	

No of Pages : 101

No of Claims : 46

(57) Abstract :

The present invention relates to novel triazole compounds of formula (I), their derivatives, their analogs, their tautomeric forms, their regioisomers, their rotamers, their stereoisomers, their polymorphs, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and pharmaceutical compositions containing them. More particularly, the present invention relates to novel triazoles of the general formula (I) where all symbols are as defined in the specification

(12) PATENT APPLICATION PUBLICATION

(21) Application No.452/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :22/03/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD AND APPARATUS FOR FEEDBACK DECODING TECHNIQUEIN A WIRELESS COMMUNICATION

(51) International classification	:H04L 1/00
(31) Priority Document No	:10/256,156
(32) Priority Date	:25/09/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2003/030220
Filing Date	:23/09/2003
(87) International Publication No	:WO/2004/030263
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 Morehouse Drive, San Diego, CA 92121
U.S.A.
(72)**Name of Inventor :**
1)GAAL PETER

No of Pages : 44

No of Claims : 45

(57) Abstract :

Systems and techniques are disclosed relating to communications. The systems and techniques involve receiving a feedback parameter relating to a signal transmission, assigning a probability value to one or more of a plurality of parameter values as a function of the feedback parameter, selecting one of the parameter values as a function of the probability value assignments, and controlling the signal transmission as a function of the selected one of the parameter values. It is emphasized that this abstract is provided to comply with the rules 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 or the meaning of the claims.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.461/MAS/2003 A

(19) INDIA

(22) Date of filing of Application :06/06/2003

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF 4-FLUORO- α - (2-MONO- OR DISUBSTITUTED-AMINOETHYL)PHENYLMETHANOLSâ€™™

(51) International classification

(31) Priority Document No

(32) Priority Date

(33) Name of priority country

(86) International Application No

Filing Date

(87) International Publication No

(61) Patent of Addition to Application Number

Filing Date

(62) Divisional to to Application Number

Filing Date

:A61K

31/00

:NA

:NA

:NA

:NA

:NA

:NA

:NA

:NA

:NA

:NA

(71)Name of Applicant :

1)NATCO PHARMA LIMITED

Address of Applicant :NATCO HOUSE, ROAD NO.2, BANJARA

HILLS, HYDERABAD Andhra Pradesh India

(72)Name of Inventor :

1)PULLA REDDY MUDDASANI

2)RAJASHEKHARA REDDY PEDDI

3)RADHARANI KAGITHA

4)VENKAIAH CHOWDARY NANNAPANENI

No of Pages : 25

No of Claims : 8

(57) Abstract :

An improved and general process for the 4-fluoro-oc-(2-dialkylaminoethyl)- phenylmethanols of formula-I is disclosed in the present invention. Compound of the formula-I (R' = H, R" = Me) is an important intermediate for the synthesis of (:t)-trans- 4-(4-fluorophenyl)-3-hydroxymethyl-l-methylpiperidine of the formula-II. The compound of the formula-II is an advanced intermediate widely used for the synthesis of antidepressant drug, paroxetine hydrochloride of the formula-III. According to the process of present invention iodo compound of formula-XIII is reacted with various primary or secondary amines to get the compounds of formula-I. Compound of formula- XIII is made from the readily available known chloro analogue.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.497/MAS/2000 A

(19) INDIA

(22) Date of filing of Application :28/06/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : A DEVICE FOR GUIDING YARN FOR A SPINNING FRAME

(51) International classification	:D01H 1/36	(71) Name of Applicant :
(31) Priority Document No	:199 25	1)MASCHINENFABRIK RIETER
(32) Priority Date	341.2	Address of Applicant :KLOSTERSTRASSE 20,CH-8406
(33) Name of priority country	:29/06/1999	WINTERTHUR, Switzerland
(86) International Application No	:Germany	(72) Name of Inventor :
Filing Date	:NA	1)WOLF HORST
(87) International Publication No	:NA	2)MALIN A LUDEK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 18

(57) Abstract :

The present invention relates to a device for guiding yarn for a spinning frame, characterized in that a transmission element (18) of the device is movable translatorically in order to carry out a reciprocating movement and that for actuation of transmission element (18) a traction element (31, 32) is being provided, which is guided transverse to the transmission element (18), whereat for the transmission of movement a connect~ng rod (21, 22) is being furnished to connect the transmission element (18) and the traction element (31, 32).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.517/MAS/2000 A

(19) INDIA

(22) Date of filing of Application :05/07/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : PROCESS FOR THE RACEMIZATION OF ATROPISOMERIC BIS (PHOSPHINE OXIDE) COMPOUNDS

(51) International classification	:C07F 009/53
(31) Priority Document No	:99113306.7
(32) Priority Date	:09/07/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)F. HOFFMANN-LA ROCHE AG
Address of Applicant :124 GRENZACHERSTRASSE, CH-4070 BASLE.
Switzerland
(72)Name of Inventor :
1)FRANK KIENZLE
2)MICHEL LALONDE
3)RUDOLF SCHMID
4)SHAONING WANG

No of Pages : 17

No of Claims : 8

(57) Abstract :

The present invention is concerned with a novel process for the racemization of atropisomeric bis(phosphine oxide) compounds of formula I in their (S) or (R) or non-racemic form) for the preparation of optical active bisphosphine ligands) which form optical active complexes with transition metals. These complexes are used as catalysts in a number of asymmetric reactions. The racemization is thermal and carried out in high or low boiling solvent) under normal or elevated pressure at 105 to 3.5x10⁷ Pa. The heating is performed in a system which allows heating up to 400°C (reactor) autoclave) aluminum block) round-bottom flask with heating/stirring mantle and the like) or by microwave irradiation or in the melt at a temperature from 260 to 400°C, preferably from 280 to 380°C, batchwise or in a continuous manner.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.545/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :11/05/1999

(43) Publication Date : 20/04/2007

(54) Title of the invention : A COOLANT FLOW FIELD PLATE FOR POLYMER ELECTROLYTE MEMBRANE FUEL CELL

(51) International classification	:H01M 008/004	(71)Name of Applicant : 1)SPIC SCIENCE FOUNDATION Address of Applicant :111 MOUNT ROAD,GUINDY,CHENNAI,600 032 Tamil Nadu India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)KALYAN KUMAR GHOSH 2)GURUVIAH VELAYUTHAM 3)KAVERIPATNAM SAMBAN DHATHATHREYAN 4)PARTHASARATHY SRIDHAR
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 11

(57) Abstract :

A coolant flow field plate for polymer electrolyte membrane fuel cell said plate being made of an electrically conducting material and formed in a substantially planar surface, said plate comprising a coolant flow field formed on said planar surface;at least one supplier passage included in the flow field for surface; supplying coolant to said fuel cell and at least one collector passage included in the flow field for collecting hot coolant from said fuel cell during operation thereof; a plurali substantially symmetric flow sectors included in the flow field,each of the said sectors having a separate inlet communicating with the supplier passage and a separate outlet communicating with the collector passage; at least one set of substantially parellel flow channels being formed in the said planar surface,each of said flow sectors being partitioned to demarcraet the said flow channels in to a plurality of sets of coolant flow channels.

(54) Title of the invention : A PHASE CHANGE MATERIAL

(51) International classification	:C09K 5/06	(71) Name of Applicant :
(31) Priority Document No	:09/088,631	1)MODINE MANUFACTURING COMPANY
(32) Priority Date	:02/06/1998	Address of Applicant :1500 DEKOVEN AVENUE, RACLIN, WISCONSIN 53403. U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)JAMES A ROBINSON
Filing Date	:NA	2)DAVID JOHN CZARNECKI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 48No of Claims : 20

(57) Abstract :
A phase change material for use in a heat battery is provided which includes a salt or hydrated Group IIA metal nitrate and Group IA metal nitrate and an effective amount of an aqueous material sufficient to cause the densities of the liquid and solid phases of said phase change material to be approximately equal during phase transformation. A method of making the phase change material and a heat battery which contains the phase change material are also provided.

(54) Title of the invention : A POLYMERIZABLE COMPOSITION CONTAINING FREE RADICALS AND A PROCESS FOR POLYMERIZING THE SAME

(51) International classification	:C07D 251/06	(71)Name of Applicant :
(31) Priority Document No	:9881066585.4	1)CIBA SPECIALTY CHEMICALS HOLDING INC.
(32) Priority Date	:25/06/1998	Address of Applicant :KLYBECKSTRASSE 141, 4057 BASEL.
(33) Name of priority country	:EUROPEAN UNION	Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WIEBKE WUNDERLICH
(87) International Publication No	: NA	2)MICHAEL ROTH
(61) Patent of Addition to Application Number	:NA	3)MARGOT CLAUS
Filing Date	:NA	4)FRANCESCO FUSO
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 12

(57) Abstract :

The present invention relates to a polymerizable composition, comprising a) at least one ethylenically unsaturated monomer or oligomer, b) a radical source capable of starting polymerization of the ethylenically unsaturated monomer or oligomer and c) at least one compound of formula (I) wherein n is 1 or 2 R₃, R₄, R₉, R₁₀ are each independently of one another C₁-C₁₈alkyl, C₂-C₁₈alkenyl or C₂-C₁₈alkinyl; or R₃ and R₄ and/or R₉ and R₁₀ form together with the linking carbon atom a C₃-C₁₂cycloalkyl radical; R₅, R₆, R₇, R₈ are each independently of one another hydrogen, C₁-C₁₈alkyl, C₂-C₁₈alkenyl or C₂-C₁₈alkinyl; X is -O-, -O-C(O)-, -NR₂- or -NR₂-C(O)-; R₂ is hydrogen, C₁-C₁₈alkyl or phenyl; if n is 1, R₁ is C₈-C₃₆alkyl, C₈-C₃₆alkenyl or C₈-C₃₆alkinyl if n is 2 R₁ is C₁₀-C₃₆alkylen, C₁₀-C₃₆alkenylen or C₁₀-C₃₆alkinylen. Further objects of the present invention are a process for polymerization and the use of compounds of formula I for the polymerization of ethylenically unsaturated monomers.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.692/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :16/07/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD OF IMPROVED REMOTE FACSIMILE DATA PRINTING

(51) International classification	:H04 N 1/00	(71) Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD., Address of Applicant :INDIA SOFTWARE OPERATIONS (SISO)KOREA, J.P.TECHNO PARK,3/1,MILLER ROAD,BANGALORE-
(31) Priority Document No	:NA	560 052. Karnataka India
(32) Priority Date	:NA	(72) Name of Inventor :
(33) Name of priority country	:NA	1)BISHT, DEEPAK.
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 12

(57) Abstract :

The present invention relates to a method for printing facsimile data with high quality. The invention enables the user to use any kind of printing technology to print the facsimile data through standard file transfer protocol. This enhances the capability for remote facsimile printing. The user can use any of the data formats like JBIG, PDF, MMR, etc. supported by the print server for facsimile printing. The method enables the end user to choose the driver to be used at print server to print the fax. For e.g. if incoming fax is PDF encoded, then it can print that fax using PDF printer Driver and if the MFP device has capability to scan in color but does not have color printer, then color copy can be printed through this method. The receiving end user can print fax with high quality if high quality printer is available at the receiving end.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.692/MAS/2000 A

(19) INDIA

(22) Date of filing of Application :28/08/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : A MULTI-POLE STATOR FOR A PERMANENT MAGNET GENERATOR

(51) International classification	:H02K 3/12	(71) Name of Applicant : 1)INDIA NIPPON ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :HOSUR-THALI ROAD, ULIVEERANAPALLI,
(32) Priority Date	:NA	HOSUR. Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)VENKATACHALAM CHANDRASEKAR
Filing Date	:NA	2)RAMAN UMASHANKAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 7

No of Claims : 2

(57) Abstract :

A multi-pole stator for a permanent magnet generator wherein the lateral surface of each pole is tapered, narrowing towards the center of the stator core, so as to be radially or substantially radially, disposed with respect to the said centre, whereby each said pole enables a larger number of turns of the stator winding to be accommodated on each said pole.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.70/MAS/2000 A

(19) INDIA

(22) Date of filing of Application :31/01/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : A COMPOSITION CONTAINING A POLYOLEFIN AND A STABILIZER MIXTURE

(51) International classification

:C08K 5/34

(31) Priority Document No

:99810079.6

(32) Priority Date

:01/02/1999

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CIBA SPECIALTY CHEMICALS HOLDING INC.

Address of Applicant :KLYBECKSTRASSE 141, 4057 BASEL.

Switzerland

(72)Name of Inventor :

1)FRANCOIS GUGUMUS

No of Pages : 50

No of Claims : 12

(57) Abstract :

A composition containing I) a polyolefin prepared by polymerization over a metallocene catalyst, and II) a stabilizer mixture comprising for example with n1 and n2 being a number from 2 to 25.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.72/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :19/01/1999

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD OF COOLING AIR IN THE UNDER ROOF SPACES OF BUILDINGS

(51) International classification	:C04B 22/04
(31) Priority Document No	:98830033.1
(32) Priority Date	:26/01/1998
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)LUIGI RIVA

Address of Applicant :CASCINA GHIRINGHELLA-20065, INZAGO, MILANO. Italy

(72)**Name of Inventor :**

1)STEPHAN RUDOLF

No of Pages : 10

No of Claims : 5

(57) Abstract :

Method of cooling air in under-roof spaces of buildings, comprising the following steps: a) mixing water, cement, aluminium powder and a material selected from sand, gravel and the like, into a smooth mixture; b) spreading the smooth mixture over the roof to obtain a uniform layer of porous concrete; c) drying the layer; and d) soaking the layer with water.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.742/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :07/09/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : "A PROCESS AND APPARATUS FOR CLEANING TAR AND DUST LADEN GAS TO HIGHEST LEVEL OF PURITY USING Cⁿ TECHNOLOGY"

(51) International classification	:C10C	(71)Name of Applicant :
(31) Priority Document No	1/19	1) INDIAN INSTITUTE OF SCIENCE
(32) Priority Date	:NA	Address of Applicant :Registrar Indian Institute of science, Bangalore 560
(33) Name of priority country	:NA	012, Karnataka, India Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DASAPPA Srinivasaiah
(87) International Publication No	: NA	2)MUKUNDA Hanasoge Suryanarayana Avadani
(61) Patent of Addition to Application Number	:NA	3)PAUL Palkat Joseph
Filing Date	:NA	4)RAJAN Nagamangala Krishnalyengar Sriranga
(62) Divisional to to Application Number	:NA	5)SRIDHAR Gururaja
Filing Date	:NA	6)SRIDHAR Hunasehalli Venkatesh Rao

No of Pages : 9

No of Claims : 9

(57) Abstract :

The present invention provides a process for cleaning tar and dust laden gas to highest level of purity using Cⁿ technology process comprising of: a. passing the hot tar and dust laden gas at 400-600°C is through a high efficiency cyclone to reduce particulate and tar level, b. the said hot gas at temperature of 250_500°C is then passed through clean water scrubberâ€™s to achieve both cooling and cleaning, c. the said ambient temperature gas is further passed through a chilled water scrubber where chilled water at less than 10°C is used to produce clean and dry gas. The present invention also provides an apparatus for cleaning tar and dust laden gas to highest level purity using Cⁿ technology.

(54) Title of the invention : PACKAGING UNIT FOR CONTINUOUSLY PRODUCING SEALED PACKAGES,CONTAINING POURABLE FOOD PRODUCTS ,FROM A TUBE OF PACKAGING MATERIAL

(51) International classification	:B65B 09/00	(71)Name of Applicant :
(31) Priority Document No	:97830312.1	1)TETRA LAVAL HOLDINGS & FINANCE SA
(32) Priority Date	:27/06/1997	Address of Applicant :AVENUE GENERAL-GUISAN 70,CH-1009
(33) Name of priority country	:EUROPEAN UNION	PULLY Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LENNART HANSSON
(87) International Publication No	: NA	2)FELIX DUNGE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 11

(57) Abstract :

A packaging unit for continuously producing aseptic sealed packages, containing a pourable food product, from a tube made of heat-seal packaging material in sheet form and fed along a vertical supply path said tube being filled with said food product, and said unit comprising a first chain conveyor having a number of jaws, and defining an endless first path along which said jaws are fed; a second chain conveyor having a number of counter jaws, and defining an endless second path along which said counter jaws are fed; said first path and said second path comprising respective work portions adjacent to said tube supply path extending symmetrically on opposite sides of said supply path, so that said jaws of said first conveyor cooperate with respective said counter jaws of said second conveyor along at least part of the respective said work portions, to grip said tube at respective equally spaced cross sections; at least said jaws comprising heating means for heat-sealing said tube; first cam guide means along said respective work portions for guiding said jaws, and second cam guide means along said respective work portions for guiding said counter jaws, said jaws and said counter jaws comprising cam-following means cooperating with said respective first and second cam guide means; wherein said first cam guide means and said second cam guide means each comprise at least a pair of cams, each cam of said pair of cams having a profile different from the other cam of said pair of cams along at least part of said respective work portions, said cam-following means comprising, for each said jaw and counter jaw, at least a pair of cam-following elements, each camfollowing element cooperating with a respective cam in a pair of cams.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.770/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :28/04/2005

(43) Publication Date : 20/04/2007

(54) Title of the invention : A COMPUTER SERVER AND METHOD TO RPOVIDE DATA ON RECEIPT OF REQUEST

(51) International classification :H04L 29/06

(31) Priority Document No :0225356.5

(32) Priority Date :31/10/2002

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2003/004374

Filing Date :08/10/2003

(87) International Publication No :WO/2004/040877

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)BRITISH TELECOMMUNICATIONS PUBLIC LIMITED
COMPANY**

Address of Applicant : 81 Newgate Street, London EC1A 7AJ U.K.

(72)Name of Inventor :

1)CLARK, Jonathan, Andrew

No of Pages : 12

No of Claims : 10

(57) Abstract :

An end user application (15) generates a plurality of access requests for the same data to be delivered over a plurality of routes (21,22,23), each request conveying an indication of their common origin to the targeted webserver or other internet application (13). The targeted application (13) has means arranged to identify the indication of common origin, and therefore whether a plurality of addresses (21X, 22Y, 23Z) requesting multiple requests for the same data are associated with the same end user (15), and where this is the case splits the requested data, and streams different parts of the data to the different addresses requesting it. The end user, on receiving the requested data, assembles the data sent over the plurality of routes into a single stream for access by the user. Buffering may be necessary if traffic is slower over one path than it is over another.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.776/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :19/09/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A RECIPROCATING PUMP FOR PUMPING AT LEAST ONE FLUID

(51) International classification	:F04B 5/02
(31) Priority Document No	:09/825823
(32) Priority Date	:04/04/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AIR PRODUCTS AND CHEMICALS INC.

Address of Applicant :7201 Hamilton Boulevard, Allentown, PA 18195-1501. U.S.A.

(72)Name of Inventor :

1)DAVID JONATHAN CHALK

2)DONALD EARL THOMPSON

3)DAVID JOHN FARESE

No of Pages : 17

No of Claims : 11

(57) Abstract :

A reciprocating pump (10) for pumping at least one fluid, comprising: a housing (12); a piston (14) slideably mounted within the housing (12) for a reciprocating movement substantially parallel with the longitudinal axis of the housing (12) and dividing the housing (12) into a first chamber (36) adjacent a housing inlet (24) and a second chamber (38) adjacent a housing discharge (40), the volumes of said chambers (36, 38) varying inversely with the reciprocating movement of the piston (14) in a suction stroke increasing the volume of the first chamber and a compression stroke increasing the volume of the second chamber; a shaft (16) having a forward end connected to the rear end of the piston (14) for reciprocating movement concurrently with the piston (14), at least part of the shaft (16) being disposed in the second chamber (38); inlet valve (18) to control fluid flow through the inlet to the first chamber (36); discharge Valve (20) to control fluid flow from the second chamber (38) through the discharge (40); and interstage valve means (22) in fluid communication with the first chamber (36) and the second chamber (38) to control fluid flow from the first chamber (36) to the second chamber (38), characterized in that the interstage valve means (22) is closed during a suction stroke and is open during a compression stroke

(12) PATENT APPLICATION PUBLICATION

(21) Application No.792/MAS/2000 A

(19) INDIA

(22) Date of filing of Application :21/09/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : ELECTRIC ARC WELDER WITH A PLURALITY OF POWER SUPPLIES

(51) International classification

:B23K
009/10

(31) Priority Document No

:09/406,406

(32) Priority Date

:27/09/1999

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)LINCOLN GLOBAL, INC.

Address of Applicant :1200 MONTEREY PASS ROAD, MONTEREY
PARK, CALIFORNIA 91754. U.S.A.

(72)Name of Inventor :

1)ELLIOTT K. STAVA

No of Pages : 17

No of Claims : 5

(57) Abstract :

An electric arc welder comprising a plurality of power supplies connected to a single welding station with a D.C. input for passing an arc welding current across an electrode and workpiece, each of the power supplies including a switching type inverter with an output D.C. current determined by a signal applied to the input of the power supply, a circuit connecting the output D.C. currents in parallel at the input of the welding station, a feedback circuit including a sensor for creating a current signal representing the arc current, a command signal source, and a circuit for creating a master current signal based upon the sensed current signal and the command signal, and a circuit for applying said master current signal to the input of the plurality of power supplies whereby the D. C. current to the D.C. input of the welding station is equally shared by the power supplies.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.806/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :17/08/2004

(43) Publication Date : 20/04/2007

(54) Title of the invention : AN EFFLUENT FILTERING DEVICE FOR A SEPTIC TANK

(51) International classification	:B01D 21/24	(71) Name of Applicant : 1)RAJESH T.R.
(31) Priority Document No	:NA	Address of Applicant :THEKKILA HOUSE, KARIPAUKUNNU P.O.,
(32) Priority Date	:NA	KOOTTALA, THRISSUR, KERALA-680 652,INDIA. Kerala India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)RAJESH T.R.
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 9

(57) Abstract :

An effluent filtering device for a septic tank comprising a filter housing a plurality of cylindrical hollow chambers / pipes (1, 2 and 3), characterized in that it contains a , multifunction cover (6) on top of the said conduit chambers / pipes (1, 2 and 3), another second cover (8 and 9) at the bottom end of the outer and middle said conduit chambers pipes (3 and 2), and joints (12 and 13) near the top end of the inner and outer chamber: pipes.

(54) Title of the invention : TELESCOPIC EXTENSION FOR AN ELECTRIC HOUSHOLD APPLIANCE

(51) International classification	:A47L 9/24	(71) Name of Applicant :
(31) Priority Document No	:99830636.9	1)OMEC Sp A
(32) Priority Date	:11/10/1999	Address of Applicant :VIA E MATTEI, 20, 21055 GORLA MINORE
(33) Name of priority country	:EUROPEAN UNION	(VARESE), Italy
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GIUSEPPE CANALE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 15

(57) Abstract :

A telescopic extension for an electric household appliance comprises an inner tube, an outer tube, a sleeve, at least one first constraining element, a thrusting slider, resilient elements and an actuating element; in the extension the sleeve is arranged between the inner tube and the outer tube having a cross-section of substantially constant diameter, the sleeve is provided with a longitudinal cavity and a recess formed on the bottom of the cavity, the thrusting slider is housed in the longitudinal cavity and retained radially by the outer tube, the thrusting slider is provided with at least one first slot and the resilient means are housed in the first slot of the thrusting slider and are engaged with a recess of the sleeve.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.87/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :31/01/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : CATALYTIC COMPOSITION FOR DIMERISING CO-DIMERISING AND OLIGOMERISING OLEFINS

(51) International classification	:B01J 1/00	(71) Name of Applicant :
(31) Priority Document No	:00/01.512	1)INSTITUT FRANCAIS DU PETR OLE
(32) Priority Date	:04/02/2000	Address of Applicant :1& 4 AVENUE DE BOIS-PREAU, 92852 RUEIL
(33) Name of priority country	:France	MALMAISON CEDEX. France
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)COMMEREUC DOMINIQUE
(87) International Publication No	: NA	2)LE PENNEC DOMINIQUE
(61) Patent of Addition to Application Number	:NA	3)OLIVIER-BOURBIGOU HELENE
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 28

(57) Abstract :

This invention relates to catalytic composition comprising at least one nickel compound mixed or complexed with at least one tertiary phosphine or a phosphite carrying a functional group, at least partly dissolved in a non-aqueous medium with an ionic nature resulting from bringing at least one aluminum halide into contact with at least one quaternary ammonium halide and/or at least one quaternary phosphonium halide, is useful for dimerizing, co-dimerizing and oligomerizing olefins. Functional groups include, but are not limited to, an amine, a cyclic amine, a nitrogen-containing heterocycle, an ester, an acid, an alcohol, a quaternary ammonium, a quaternary phosphonium, a sulfonium, a sulfonate, a phosphonate group.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.881/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :29/10/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : REINFORCING TAPE FOR SLIDE FASTENER

(51) International classification	:B32 B 7/12	(71)Name of Applicant : 1)YKK CORPORATION
(31) Priority Document No	:2000- 329856	Address of Applicant :Kanda Izumi-cho, Chiyoda-ku, Tokyo, JAPAN
(32) Priority Date	:30/10/2000	Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)Yoshimichi YAMAKITA
Filing Date	:NA	2)Mutsuo HIROTA
(87) International Publication No	: NA	3)Kozo WATANABE
(61) Patent of Addition to Application Number	:NA	4)Masanori HIRASAWA
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 8

(57) Abstract :

A reinforcing tape (1) for a slide fastener comprises a polyamide elastomer film (2) manifesting a modulus of elasticity in bending in the range of 6,000 to 9,000 kg/cm' and an adhesive layer (3). In a preferred embodiment, a polyester hot-melt adhesive is used for the adhesive layer. Preferably an intermediate layer having a thickness thinner than the thickness of the polyamide elastomer film and that of the adhesive layer is interposed between the polyamide elastomer film and the adhesive layer. In this case, a polyester anchor coat agent is used for the intermediate layer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.888/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :30/10/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : "A SYNCHRONISER HUB USED IN AUTOMOBILES OF ITS MANUFACTURE"

(51) International classification	:B22 F 3/00	(71) Name of Applicant : 1)SUNDRAM FASTENERS LIMITED Address of Applicant :98-A, II Floor, Dr. Radhakishnan Salai, Mylapore, Chennai-600 004, India. Tamil Nadu India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)YARIN RAMDAS THAGGARES
(33) Name of priority country	:NA	2)SADAGOPAN LOGHANATHAN GOPY
(86) International Application No	:NA	3)SANKARANARAYANAN ASHOK
Filing Date	:NA	
(87) International Publication No	:	
	NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 17

(57) Abstract :

The present invention provides for Powder Metallurgy component Synchroniser Hub used in automobiles for manual transmission, comprising an enhanced level of carbon content on its surface with fully pearlite microstructure and Pearlite-Ferrite structure in the core. The present invention also provides for a process for the manufacture of said Synchroniser Hub.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.889/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :30/10/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : "A SPROCKET COMPONENT FOR TWO WHEELERS AND THE PROCESS OF ITS MANUFACTURE"

(51) International classification	:C22C	(71) Name of Applicant :
	38/22	1)SUNDRAM FASTENERS LIMITED
(31) Priority Document No	:NA	Address of Applicant :Sundram Fasteners Limited, 98-A, VII Floor, Dr.
(32) Priority Date	:NA	Radhakishnan Salai, Mylapore Chennai-600 004 Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)YATIN RAMDAS THAGGARSE
Filing Date	:NA	2)SADAGOPAN LOGHANATHAN GOPY
(87) International Publication No	: NA	3)SANKARANARAYANAN ASHOK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 18

(57) Abstract :

The present invention relates to a Sprocket for two wheelers, having a high surface wear resistance characteristics, with an enhanced level of carbon content on its surface thereby providing a Martensite structure, as a result of treatment of the Sprocket in an enriched carbon atmosphere; the penetration of carbon extending to about 2mm below the surface of the Sprocket; and said Sprocket having a Bainite and Martensite core having more core toughness than the surface of said Sprocket; the Sprocket comprising Chromium 2-4% + Molybdenum 0.3-1.0% along with 0.2-0.8% of Carbon in the form of Graphite Powder by weight and the remaining Iron; and a process for the manufacture of a Sprocket for use in two wheelers.

(54) Title of the invention : INTERFACE FOR LAMP OPERATING DEVICES HAVING LOW STANDBY LOSSES

(51) International classification	:H05 B 37/02	(71)Name of Applicant :
(31) Priority Document No	:103 29 876.2	1)TRIDONICATCO GMBH & CO. KG;
(32) Priority Date	:02/07/2003	Address of Applicant : Faerbergasse 15, A-6850 Dornbirn Australia
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/006793	1)JUEN, Reinhold ;
Filing Date	:23/06/2004	
(87) International Publication No	:WO/2005/004552	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20No of Claims : 18

(57) Abstract :
An interface (12) for a lamp operating device (13) has two input-side terminals (1, 2) for the connection of bus 5 lines or for connection w^Âth a button or switch, an evaluation logic (3) for the processing of signals present at the input-side terminals (1, 2) and for the generation of output-side signals for the control of the lamp operating device (3), and at least one electrical 10 isolation element (4) to electrically decouple the inputside terminals (1, 2) from the lamp operating device (13). Thereby, the evaluation logic (3) is arranged on that side of the electrical isolation element (4) which is towards the input-side terminals (1, 2), and is 15 supplied with voltage via the input-side terminals (1, 2) of the interface (12).

(54) Title of the invention : THREAD GUIDE DEVICE

(51) International classification	:B65H 54/28	(71) Name of Applicant :
(31) Priority Document No	:98120210.4	1)SCHARER SCHWEITER METTLER AG
(32) Priority Date	:26/10/1998	Address of Applicant :NEUGASSE 10, CH-8812 HORGEN. Switzerland
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)ROBIN GUTBROD
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13No of Claims : 11

(57) Abstract :
The threas guide device for the winding of threads into cross-wound bobbins comprises two superimposed thread guide vanes(10,11)which can be rotated in opposite directions and one arcuate plate(12)and dip into it again, the transfer of the thread taking place at the dipping points (A,B; A', B') of the thread guide vanes (10,11) are driven individually and their drives (16,17) can be controlled in such a way that the locations of the thread transfer points (A,B; A',B') are adjustable as a function of the desired stroke (H,H'). The drives of the two thread guide vanes(10,11) are connected via a common controller.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.912/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :16/09/1999

(43) Publication Date : 20/04/2007

(54) Title of the invention : SPINNING FRAME WITH THREAD GUIDING PARTS AND METHOD TO OPERATE SAID SPINNING FRAME

(51) International classification	:D01H 1/38
(31) Priority Document No	:19842530.9
(32) Priority Date	:17/09/1998
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MASCHINENFABRIK RIETER AG,
Address of Applicant :KIOSTERSTRASSE 20, CH-8406,
WINTERTHUR. Switzerland
(72)**Name of Inventor :**
1)WOLF HORST

No of Pages : 10

No of Claims : 8

(57) Abstract :

In a spinning fame with thread guiding parts, in particular with a ring rail, the thread guiding parts are being connected with a motor (20) through mechanical transmission means. The motor (20) within the stator at the same number of poles is provided with at least two pairs of windings (18a,18b), which are being connectable alternately by way of a switch (16) to a power supply (12) of a converter, whereby in a least two operating phases a frequency range are passed through, whose maximum values differ by approximately the factor 3.

(54) Title of the invention : A POWER SEMICONDUCTOR MODULE

(51) International classification	:H01L023/48	(71)Name of Applicant : 1)ABB SCHWEIZ AG
(31) Priority Document No	:19843309.3	Address of Applicant :BROWN BOVERI STRASSE 6, CH-5400
(32) Priority Date	:22/09/1998	BADEN. Switzerland
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)THOMAS LANG
Filing Date	:NA	2)HAND-RUDOLD ZELLER
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12No of Claims : 10

(57) Abstract :
In an IGBT module which is made contact with by pressure and comprises a plurality of individual chips (4) connected in parallel, an additional layer (7) facilitates a stable short circuit. The layer (7), as a foil, as a paste or as a component of the solder, is brought into contact with the main electrodes (5,6) of the semiconductor chip (4). The layer (7) contains, for example, Ag and, together with the semiconductor material, forms a eutectic mixture whose melting point is below that of the two partner materials. (Figure 1).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.943/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :23/09/1999

(43) Publication Date : 20/04/2007

(54) Title of the invention : APPARATUS FOR METAL COATING OF BANDS BY ELECTROPLATING

(51) International classification	:C25D 17/12	(71)Name of Applicant : 1)SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT
(31) Priority Document No	:198 48 876.9	Address of Applicant :EDUARD-SCHLOEMANN-STRASSE 4, 40237 DUSSELDORF. Germany
(32) Priority Date	:23/10/1998	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)DIPL.-ING WERNER SCHIMON
(86) International Application No	:NA	2)DIPL.-ING THOMAS FOLKE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 4

(57) Abstract :

An apparatus for metal coating of bands by electroplating, with a band running through an acidic electrolyte enriched with a metal, the apparatus including at least one insoluble anode extending parallel to the band and divided, in a running direction of the band, in a plurality of separate anode strips insulated from each other, an arrangement for feeding current to each separate anode strip for precipitating the metal from the electrolyte, with the current flowing from a respective anode strip to the band which forms a cathode, whereby the metal is precipitated onto a band surface, and elements for supplying each anode strip with protective current the voltage of which is so selected that formation of cathode regions on anode strips, which are not supplied with the precipitation current, is prevented.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.945/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :24/09/1999

(43) Publication Date : 20/04/2007

(54) Title of the invention : A TECHNIQUE FOR PEAK POWER TO AVERAGE POWER RATIO REDUCTION IN MULTICARRIER COMMUNICATION SYSTEMS.

(51) International classification	:H04L 1/00	(71) Name of Applicant :
(31) Priority Document No	:60/101,744	1)SILICOLN AUTOMATION SYSTEMS LTD.,
(32) Priority Date	:24/09/1998	Address of Applicant :3008, 12TH B MAIN, 8TH CROSS, HAL, 2ND
(33) Name of priority country	:U.S.A.	STAGE, INDIRANAGAR, BANGALORE. Karnataka India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VERMA AMIT
(87) International Publication No	: NA	2)ARVIND MANDAYAM TIRUNARAYANA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 16

(57) Abstract :

A gradient sensitivity based method is described for reducing Peak to Average power Ratio in multicarrier communication systems. The method involves definition of a differentiable penalty function which has non-zero values whenever there is a peak violation. The gradient of the function with respect to the symbol magnitudes and phases is evaluated at the given symbol vector. Symbol perturbations are computed in the opposite direction of the gradient in such a way that the peaks are reduced and the amount of errors introduced in the symbols is not large enough to affect the decoding process. In order to reduce computation, a variant of the method is proposed where a peak reduction kernel is precomputed and stored. The kernel is rotated to the location of the peak and added with proper sign to reduce PAR.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.968/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :01/10/1999

(43) Publication Date : 20/04/2007

(54) Title of the invention : A SOFT GEL CAPSULE FOR ORAL ADMINISTRATION OF BENZIMIDAZOLE DERIVATIVES

(51) International classification	:A61K 9/52	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATCO PHARMA LIMITED
(32) Priority Date	:NA	Address of Applicant :NATCO HOUSE, ROAD NO.2, BANJARA
(33) Name of priority country	:NA	HILLS, HYDERABAD Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KHADGAPATHI PODILI
(87) International Publication No	: NA	2)VENKATESWARA RAO PAVULURI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 25

(57) Abstract :

The present invention relates to a pharmaceutical composition in the form of a soft gel capsule resistant to gastric juice and dissoluble in intestine and is suitable for incorporating a benzimidazole derivative which require protection from acidic gastric juice until it reaches the small intestine, comprises of a gelatin and an enteric polymer in the form of the free acid or its salt. The surface of the soft gel capsule may optionally be treated with a gelatin cross linking agent and / or an acid solution to partially convert the polymer salt to free acid and a method for preparing such soft gel. The pharmaceutical composition carrying a benzimidazole derivative either in suspension or solution comprises of hydrophobic oily substance, an alkaline inert reacting substance and a surface active agent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/1999/2/CHE A

(19) INDIA

(22) Date of filing of Application :06/12/1999

(43) Publication Date : 20/04/2007

(54) Title of the invention : "A NONLINEAR RESISTOR WITH VARISTOR BEHAVIOUR AND A PROCESS FOR THE PRODUCTION OF SAME"

(51) International classification	:H01C 7/112
(31) Priority Document No	:19824104.6
(32) Priority Date	:27/04/1998
(33) Name of priority country	:Germany
(86) International Application No	:PCT/CH1999/00165
Filing Date	:23/04/1999
(87) International Publication No	:WO/1999/056290
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1) Petra KLUGE-WEISS,
2)Felix Greuter
3)Ralf Strumpler

No of Pages : 17

No of Claims : 19

(57) Abstract :

The present invention relates to a nonlinear resistor with varistor behaviour, containing a matrix and a filler in powder form which is embedded in the matrix, in which the filler is composed of sintered varistor granules with predominantly spherical particles of doped metal oxide, which particles are made of crystalline grains separated from one another by grain boundaries, characterized in that the filler also contains electrically conductive particles, which cover at most a part of the surfaces of the spherical particles.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/11/CHE A

(19) INDIA

(22) Date of filing of Application :25/01/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : A MODULATION APPARATUS AND A MODULATION METHOD ADOPTED IN THE APPARATUS

(51) International classification	:H03M 7/02
(31) Priority Document No	:10/105280
(32) Priority Date	:29/05/1998
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB1999/000948
Filing Date	:25/05/1999
(87) International Publication No	:WO/1999/063671
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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5)SHINPUKU, Y.

6)NAOHARA, T.

7)NAKAMURA, K.

No of Pages : 58

No of Claims : 30

(57) Abstract :

A DSV control bit determining/inserting unit (11) inserts DSV control bits for execution of DSV control into an input data string and outputs the data string including the DSV control bits to a modulation unit (12). The modulation unit (12) converts the data string with a basic data length of 2 bits into variable length code with a basic code length of 3 bits in accordance with a conversion table and outputs the code resulting from the conversion to a NRZI encoding unit (13). The conversion table used by the modulation unit (12) includes substitution codes for limiting the number of consecutive appearances of a minimum run to a predetermined value and substitution codes for keeping a run length limit. In addition, the conversion table enforces a conversion rule, according to which the remainder of division of the '1' count of an element in a data string by 2 having a value of 0 or 1 shall always be equal to the remainder of division of the '1' count of an element in the code resulting from conversion of the data string by 2.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/188/CHE A

(19) INDIA

(22) Date of filing of Application :14/07/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD AND DEVICE FOR RECORDING REAL-TIME INFORMATION

(51) International classification	:G11B 27/034
(31) Priority Document No	:98203857.2
(32) Priority Date	:16/11/1998
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP99/08624
Filing Date	:05/11/1999
(87) International Publication No	:WO 2000 030113
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)BRONDIJK, Robert, A.;

No of Pages : 27

No of Claims : 14

(57) Abstract :

The invention relates to a method of recording real time information and playback parameters related thereto on a record carrier arranged according to a recording format, in which method the real time information is subdivided the real time into units and the playback parameters are generated and included in the units, which playback parameters comprise pointers to units located at a forward and/or backward distance relative to the unit in which the pointers are to be included, characterized in that the method comprises the steps of: buffering the real time information for a period before recording; determining a value for at least one of said pointers based on the buffered real time information; calculating a value for at least a further one of said pointers intended to point to a unit located at a forward distance larger than said period, based on the buffered real time information and/or a predefined value; and recording the buffered real time , information together with said determined and calculated values.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/253/CHE A

(19) INDIA

(22) Date of filing of Application :08/08/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD AND A REACTOR SYSTEM FOR CATALYTIC HYDROTREATING AND HYDROCRACKING LIQUID HYDROCARBON FEEDSTOCKS

(51) International classification	:C10 G 65/02
(31) Priority Document No	:09/023,734
(32) Priority Date	:13/02/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/02380
Filing Date	:03/02/1999
(87) International Publication No	:WO/1999/041329
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)TSAO, Yingyen, P

No of Pages : 18

No of Claims : 13

(57) Abstract :

A method and reactor system for catalytic hydrotreating and hydrocracking liquid hydrocarbon feedstock for producing a cracked liquid feedstock having a reduced contaminant level involves introducing the feedstock into the first reaction zone of a reactor system having a plurality of successive reaction zones, each reaction zone having a hydroprocessing catalyst bed therein, at least the first reaction zone comprising a hydrotreating reaction zone and at least one downstream reaction zone comprising a hydrocracking reaction zone, introducing hydrogen gas into the reactor system for flow through and over the catalyst beds in contact with the liquid in the reaction zones, the hydrogen exothermically reacting with the liquid in the reaction zones for producing an effluent for each reaction zone having a temperature greater than the temperature of the influent feedstock to that reaction zone, introducing liquid feedstock having the same composition as the liquid feedstock introduced into the first reaction zone into at least one quench zone downstream of the first reaction zone for admixing with the effluent from the immediately upstream reaction zone, the introduced liquid feedstock having a feed rate and a temperature sufficient to reduce the temperature of the effluent, and injecting quench gas into each quench zone in an amount sufficient, in combination with the effluent from the immediately upstream reaction zone and any introduced liquid feedstock, to reduce the temperature of the effluent to within a predetermined range, and recovering the effluent product from the last reaction zone.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/297/CHE A

(19) INDIA

(22) Date of filing of Application :21/08/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : A COMPUTING ENVIRONMENT AND A METHOD IMPLEMENTED ON A TRUSTED SITE OF THE SAME

(51) International classification	:G06F 1/00
(31) Priority Document No	:09/217,413
(32) Priority Date	:21/12/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP1999/009258
Filing Date	:29/11/1999
(87) International Publication No	:WO/2000/038034
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 34

No of Claims : 20

(57) Abstract :

The present invention provides for verification of software agents and their activities. In a distributed computing environment, an origin resource, a destination resource and a trusted resource are provided. The origin resource is associated with a software agent in that, most generally, the agent's information and/or an entrusted task are relevant to the origin resource. The destination resource is associated with the software agent in that, most generally, it is expected to advance the agent in the performance of an entrusted task. The trusted resource is associated with the software agent in that the trusted resource functions to provide verification of the software agent and its activities. The trusted resource preferably supports one or more selected operations such as, for example: receiving/forwarding of software agents; encrypting/decrypting software agents; acquiring, storing, retrieving and comparing of software agent fingerprints; executing TR rules that indicate the appropriateness of the interaction with the destination resource; establishing, setting, updating and checking return timers; generating and forwarding verification return relevant to verification of the agent and its activities; logging the activities of software agents with which the trusted resource interacts; and stripping, masking, or otherwise protecting part(s) or all of a software agent, particularly the TR rules

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/304/CHE A

(19) INDIA

(22) Date of filing of Application :22/08/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PROCESS AND A COLUMN FOR EFFECTING MASS TRANSFER AND A METHOD OF RETROFITTING A COLUMN FOR EFFECTING THE MASS TRANSFER

(51) International classification	:B01J 19/00
(31) Priority Document No	:98200587.8
(32) Priority Date	:25/02/1998
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP99/01275
Filing Date	:23/02/1999
(87) International Publication No	:WO/1999/043428
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 42

No of Claims : 44

(57) Abstract :

The present invention relates to a process and a column for effecting mass transfer between a liquid phase and a gaseous phase within a filled-type column which comprises an external shell accommodating at least one filler-containing basket wherethrough said phases are caused to flow in a countercurrent relationship, characterized in that it comprises the step of feeding said gaseous phase to said at least one basket through a gas- permeable basket surface which is larger than the basket cross-section. The present invention also relates to a method of retrofitting a column for effecting the mass transfer

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/318/CHE A

(19) INDIA

(22) Date of filing of Application :25/08/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD OF LUBRICATING A COMBINATION OF A GAS TURBINE AND A STEAM TURBINE USING A LUBRICATING COMPOSITION

(51) International classification	:C10M 141/10
(31) Priority Document No	:98103492.9
(32) Priority Date	:27/02/1998
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP99/01280
Filing Date	:24/02/1999
(87) International Publication No	:WO/1999/043770
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 15

No of Claims : 8

(57) Abstract :

The present invention relates to a lubricating composition comprising a hydrocarbon lubricant base oil in combination with (a) a phenyl-naphthylamine, (b) a thiophosphate, and (c) a diphenyl amine,wherein more than 80% wt, of the base oil consist of compounds consisting of hydrogen and carbon only

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/342/CHE A

(19) INDIA

(22) Date of filing of Application :04/09/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : AN APPARATUS IN AN INFUSOR FOR A LIQUID FOOD PRODUCT

(51) International classification	:A23C 3/037
(31) Priority Document No	:9800351-0
(32) Priority Date	:06/02/1998
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE99/00160
Filing Date	:05/02/1999
(87) International Publication No	:WO/1999/039592
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)PALM, Bengt

No of Pages : 9

No of Claims : 5

(57) Abstract :

The invention relates to an apparatus in an infusor (1). The infusor (1) is of the type which includes an autoclave (2) with an inlet (3) located in its upper region for the product which is to be heat-treated, and an outlet (7) for the ready-treated product located in its lower region. The inlet (3) is provided with a distributor chamber (4) which divides the product into small droplets (20) when the product enters into the autoclave (2). The infusor (1) further includes an inlet (8) for steam which is placed in the lower region of the autoclave (2). The steam inlet (8) consists substantially of a concentric aperture (14) in the casing surface (10) of the autoclave (2).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/343/CHE A

(19) INDIA

(22) Date of filing of Application :04/09/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : AN APPARATUS IN AN INFUSOR FOR A LIQUID FOOD PRODUCT

(51) International classification	:A23C 3/037
(31) Priority Document No	:9800352-8
(32) Priority Date	:06/02/1998
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE99/00161
Filing Date	:05/02/1999
(87) International Publication No	:WO/1999/039593
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)PALM, Bengt

No of Pages : 10

No of Claims : 3

(57) Abstract :

The invention relates to an apparatus in an infusor (1). The infusor (1) is of the type which has an autoclave (2), with an inlet (3) in its upper region for the product which is to be heated, and an outlet (7) located in its lower region for the ready-treated product. The inlet (3) is provided with a distributor chamber (4) which divides the product into small droplets (20) when the product enters the autoclave (2). The infusor (1) further includes an inlet (8) for steam which is disposed in the lower region of the autoclave (2). The infusor (1) is also provided with at least one temperature gauge (15) placed in the upper region of the autoclave (2). The temperature gauge (15) is disposed to control a valve (14) for the uncondensable gases which gather in the 'cold' area (19) which is formed in the upper region of the autoclave, as a result of the placing of the steam inlet (8) in the lower region of the autoclave (2).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/36/CHE A

(19) INDIA

(22) Date of filing of Application :21/03/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PROCESS FOR PREPARING PHOSPHONITES OR PHOSPHINITES

(51) International classification	:C07F 9/46
(31) Priority Document No	:1784/98
(32) Priority Date	:01/09/1998
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/IB99/01479
Filing Date	:27/08/1999
(87) International Publication No	:WO 2000
	012518
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 29

No of Claims : 9

(57) Abstract :

A novel process is described for preparing phosphonites or phosphinites by reacting a product of a Friedel-Crafts reaction with alcohols or phenols and separating off the byproducts formed. The novelty is the aftertreatment with a protic compound, or with an oxide, hydroxide, (hydrogen)carbonate resp. (hydrogen)phosphate of a metal or with a nitrogen containing compound (as defined in claim 1), or with any combination of one or more substances of the above mentioned compound classes. Products having a low halide and aluminium content are obtained which are distinguished by an improved clear solubility and an improved action as stabilizer for polymeric materials.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/361/CHE A

(19) INDIA

(22) Date of filing of Application :07/09/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD OF RECORDING REAL-TIME INFORMATION, A RECORDING DEVICE AND A PLAYBACK DEVICE

(51) International classification	:G11B 27/10
(31) Priority Document No	:99200040.6
(32) Priority Date	:08/01/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP1999/010307
Filing Date	:21/12/1999
(87) International Publication No	:WO/2000/041178
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 17

No of Claims : 9

(57) Abstract :

In a method of recording real-time information on an information carrier, e.g. audio on an optical disc, the real-time information is compressed to units comprising a variable amount of compressed data, and playback parameters are determined in dependence of the compressed data. The playback parameters comprise an access list (Main_Acc_List) having entries, each subsequent entry being assigned to a subsequent interval of a fixed playback time and comprising a pointer (Entry[N]) to a unit within said interval. In a player the real-time information may be accessed at a selected point of playing time. The corresponding entry in the access list is determined by dividing the selected time by the interval. The entry provides the pointer (Entry[N]) to the unit corresponding to the selected playing time. Interpolation may be used for calculating an address at a selected playing time within an interval, and the accuracy may be improved by a margin parameter (Access_Flags[N]), which indicates the maximum distance between the unit of the selected playing time and the interpolated address.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/48/CHE A

(19) INDIA

(22) Date of filing of Application :30/03/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : " FIRE ALARM AND A FIRE ALARM SYSTEM WITH A CONTROL CENTRE"

(51) International classification	:G08B 7/06
(31) Priority Document No	:2467/98
(32) Priority Date	:11/12/1998
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/CH1999/000413
Filing Date	:07/09/1999
(87) International Publication No	:WO/2000/014693
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 16

No of Claims : 22

(57) Abstract :

The fire alarm (F) contains at least one sensor (6, 14, 15) for detecting fire characteristics and an evaluating circuit (7) by means of which an alarm is activated when a predetermined first value is exceeded by the respective fire characteristic. A second, higher value of the respective fire characteristic is additionally monitored by the at least one sensor (6, 14, 15), and an alarm signal displaying the unusability of the respective escape route is activated if this second value is exceeded. The fire alarm system contains a control centre (12) with fire alarms (F) connected thereto and an escape route display system with adjustable display means (13). Fire alarms hereinafter called escape route detectors (F) for additional monitoring of fire characteristics for life-threatening values and/or means called people counters (P) for monitoring the flow of people in the respective escape route are provided in the region of the escape routes. The display means (13) are controlled by this additional monitoring.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/480/CHE A

(19) INDIA

(22) Date of filing of Application :05/10/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PROCESS FOR PREPARING AN ASPARTYL DIPEPTIDE ESTER DERIVATIVES

(51) International classification	:A23L 1/236
(31) Priority Document No	:10/97701
(32) Priority Date	:09/04/1998
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP1999/01210
Filing Date	:11/03/1999
(87) International Publication No	:WO/1999/052937
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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4)NAKAMURA, Ryoichiro

No of Pages : 36

No of Claims : 25

(57) Abstract :

The present invention is directed to a process for preparing a novel aspartyl dipeptide ester derivatives (including salts thereof) represented by formula (1) having an excellent sweetening effect and usable as sweeteners such as N- [N- [3- (3-methyl-4- hydroxyphenyl) propyl] -L-a-aspartyl] -L-phenylalanine I-methyl ester and N- [N- [3- (3-hydroxy-4- methoxyphenyl) propyl] -L-a-aspartyl] -L-phenylalanine I- methyl ester, and excellent sweeteners, etc. containing these novel derivatives are provided.A low-calory sweetener having especially an excellent sweetening potency can be provided in comparison with conventional ones.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/500/CHE A

(19) INDIA

(22) Date of filing of Application :10/10/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PROCESS OF PREPARING AN OLEFIN OXIDE

(51) International classification	:C07D 301/04
(31) Priority Document No	:60/081,826
(32) Priority Date	:15/04/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/07714
Filing Date	:07/04/1999
(87) International Publication No	:WO/1999/052883
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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3)CLARK, Howard, W.
4)HARTWELL, George, E.

No of Pages : 21

No of Claims : 10

(57) Abstract :

The present invention relates to a process of preparing an olefm oxide comprising contacting an olefm with oxygen in the presence of a reducing agent and an optional diluent, and in the presence of a catalyst comprising a metal component dispersed on a metal ion-exchanged metallosilicate, wherein the contacting occurs at a temperature greater than 20Â°C and less than 250Â°C so as to produce the olefm oxide; wherein the metal of the metal component is selected from titanium, zirconium, vanadium, niobium, tantalum, chromium, molybdenum, tangsten, manganese, rhenium, iron, ruthenium, osmium, cobalt, rhodium, iridium, nickel, palladium, platinum, copper, silver, gold, thallium, tin, bismuth, the rare earth lanthanides, and combinations thereof; 'and wherein the metal component is loaded onto the metallosilicate in an amount greater than 0.001 and less than 50 weight percent, based on the total weight of the catalyst; wherein the metallosilicate is selected from borosilicates, aluminosilicates, gallosilicates, and vanadosilicates, and with the proviso that when the metallosilicate is a vanadosilicate the catalyst does not consist of a metal component selected from one or more Group VIII elements, lanthanide elements, rhenium, silver, and gold dispersed on the vanadosilicate.

(54) Title of the invention : A METHOD FOR GENERATING A DATABASE FOR CONFIGURING AND/OR OPTIMIZING A SYSTEM

(51) International classification	:G06F 17/50	(71)Name of Applicant :
(31) Priority Document No	:0363/98	1)ARRAY TECHNOLOGY APS
(32) Priority Date	:16/03/1998	Address of Applicant : c/o KÃ¸benhavn Forskerby Symbion
(33) Name of priority country	:Denmark	Fruebjergvej 3 DK-2100 Copenhagen Å Denmark
(86) International Application No	:PCT/DK1999/000132	(72)Name of Inventor :
Filing Date	:16/03/1999	1)MÃLLER, Gert, Lykke, SÃrensen
(87) International Publication No	:WO/1999/048031	2)JENSEN, Claus, Erik
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 49No of Claims : 34

(57) Abstract :
The invention provides the ability to generate and use a database representing all solutions (legal combinations) satisfying all constraints of configuration problems on finite domains and/or intervals. The configuration space with all legal combinations is stored in a compact way in terms of nested arrays, where each legal Cartesian subspace has a unique index. Thus, the complete configuration space (which can be extended with object functions for optimization) is easily addressable by parallel indexing techniques and the database is therefore suitable for run-time applications (e.g. configuration on the Internet), which must be performed in real time.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/537/CHE A

(19) INDIA

(22) Date of filing of Application :17/10/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : "A HIGHLY SELECTIVE PROCESS FOR PREPARING A QUINONEIMINE"

(51) International classification	:C07C 251/22
(31) Priority Document No	:60/081,281
(32) Priority Date	:10/04/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB99/00597
Filing Date	:06/04/1999
(87) International Publication No	:WO
	1999/052860
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)LODAYA, Jayant, S

No of Pages : 21

No of Claims : 27

(57) Abstract :

The present invention relates to a process for preparing a quinoneimine, wherein a hydroxyphenylamine compound is converted, with high yield and high selectivity, into its corresponding quinoneimine by reacting the hydroxyphenylamine with a hypochloride oxidation reactant. The present invention also relates to a product prepared by the said process.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/548/CHE A

(19) INDIA

(22) Date of filing of Application :19/10/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : IMPROVEMENTS IN AND RELATING TO LIQUID DISPENSING APPARATUS

(51) International classification	:B05B 15/06
(31) Priority Document No	:9810699.0
(32) Priority Date	:19/05/1998
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB99/01504
Filing Date	:12/05/1999
(87) International Publication No	:WO/1999/059727
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 14

No of Claims : 12

(57) Abstract :

Liquid dispensing apparatus which comprises a tubular casing (1) having at one of its ends a mouthpiece (3) and an elongate cap (5), and at the other of its ends a nozzle (9) having an orifice (10) in cOmmunication with an expansion chamber (11) bounded by sides which diverge away from the orifice, means for locating a liquid source (2) inclUding an elongate body and an absorbent nib (14) within the casing with side surfaces of the elongate body spaced from interoa1 wall surfaces of the casing to define an air flow passageway therebetween, first stop means (16) within the casing against which a surface of the elongate body can abut to position the nib of the liquid SOurce within or in close proximity to the nozzle orifice, and second stop means (18) within the casing against which a rearward end of the elongate body can abut to position the nib (14) of the liquid SOurce in a relatively airtight manner into one end of the elongate cap (5), the other end of the elongate cap being closed, so that the liquid SOurce can selectively be positioned with its nib (14) within or in close proximity to the casing nozzle (9) or with its nib (14) effectively sealed within the elongate cap when the apparatus is not in Use

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/630/CHE A

(19) INDIA

(22) Date of filing of Application :09/11/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : ROLL STAND FOR HOT-ROLLING ROLLED STRIPS OF DIFFERENT MATERIALS

(51) International classification	:B21B 31/18
(31) Priority Document No	:198 16 602.8
(32) Priority Date	:15/04/1998
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP1999/002465
Filing Date	:13/04/1999
(87) International Publication No	:WO/1999/052657
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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3)Konrad ROEINGH,
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No of Pages : 10

No of Claims : 7

(57) Abstract :

The invention relates to a roll stand for hot- or cold-rolling rolled strips consisting of different materials, comprising working rolls, support rolls and optionally, intermediate rolls arranged in pairs. The rolls of at least one pair can be axially displaced towards both sides and have a suitable contour for compensating rolling defects. The disadvantages of rolls which are axially displaced by means of displaceable chocks are avoided since each displaceable roll has at least one hydrodynamic oil film bearing into which the hydraulic unit responsible for effecting the axial displacement is integrated

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/668/CHE A

(19) INDIA

(22) Date of filing of Application :15/11/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : A GAS METER

(51) International classification	:G01F 3/22
(31) Priority Document No	:98/06508
(32) Priority Date	:20/05/1998
(33) Name of priority country	:France
(86) International Application No	:PCT/EP99/03391
Filing Date	:14/05/1999
(87) International Publication No	:WO/99/60347
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)CHAMPOUGNY, Jean-Luc

No of Pages : 20

No of Claims : 18

(57) Abstract :

The invention relates to a gas meter comprising a plurality of deformable diaphragm (28) measurement chambers (26), a distributor element (64) mounted to rotate about a "rotation" axis on distribution surface (42f) in which there are provided a plurality of orifices (44, 46, 48, 50) each of which is connected to a respective measurement chamber, said distributor element enabling gas to enter and to leave the measurement chambers in alternation during its rotary movement, and means for guiding said distributor element in rotation comprising firstly a guide piece (94) having at least a portion of generally elongate shape along the axis of rotation with two cylindrical regions (96, 98b) spaced apart from each other, and secondly two bearings (104a, b) in which said cylindrical regions are mounted to rotate freely, the meter being characterized in that the guide piece (94) is a thermoplastic material and the cylindrical regions (96, 98b) are of different diameters.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/760/CHE A

(19) INDIA

(22) Date of filing of Application :01/12/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : DATA STORAGE AND PROCESSING APPARATUS, AND METHOD FOR FABRICATING THE SAME

(51) International classification	:H01L 21/98
(31) Priority Document No	:19982518
(32) Priority Date	:02/06/1998
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO99/00181
Filing Date	:02/06/1999
(87) International Publication No	:WO/99/63527
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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5)GUSTAFSSON, Goran

No of Pages : 37

No of Claims : 38

(57) Abstract :

A data storage and processing apparatus comprises ROM and/or WORM and/or REWRITEABLE memory modules and data processing modules is provided on a substrate. A memory and processing module are provided in a single main layer or multiple stacked main layers on the top of the substrate and the memory modules and the data processing module in each main layer communicate through vias, surface or edge connections with other main layers or circuitry provided on or in the substrate. Further the apparatus comprises active circuits, transistors and/or diodes for operating the apparatus. Each main layer of a memory module and/or data processing module comprises a stack of functional sublayers, each functional sub layer realizing one or more specific circuit functions. At least some of the active circuitry is provided in the main layer of main layers and at least some of the functional layers comprise a combination of low temperature-compatible film materials and low temperature-compatible processed inorganic thin films. In a method for fabricating an apparatus of this kind, the main layers and the functional sub layers thereof are deposited and processed under thermal conditions that avoids subjecting an already deposited and processed underlying layer or layers to a temperature exceeding a specified temperature value or to processed-induced chemical damage. Particularly transient heating with pulse laser or particle beams is used for processing the inorganic semiconductor materials. Additional organic materials for the layers are deposited with processes commonly used in organic thin-film technology.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/771/CHE A

(19) INDIA

(22) Date of filing of Application :05/12/2000

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD FOR SEALING POROUS BUILDING MATERIALS AND BUILDING COMPONENTS

(51) International classification	:C04B 41/48
(31) Priority Document No	:198 28 714.3
(32) Priority Date	:29/06/1998
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE99/01825
Filing Date	:23/06/1999
(87) International Publication No	:WO/2000/000451
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 18

No of Claims : 12

(57) Abstract :

The present invention relates to a method for sealing porous building materials, characterized by feeding at least one low-viscosity, reactive substance/substance mixture with a viscosity of less than 100 mPa.s at 120°C to the building material; whereby the substance/substance mixtures are based on epoxy resins consisting of solvent-free aliphatic, multifunctional reactive thinners and aminic aliphatic hardeners and/or are based on polyurethane prepolymers with isocyanate contents of between 2 and 30%; permitting said substance/substance mixture to penetrate the pore system of the building material in the desired zone of influence; and chemical reaction of said substance/substance mixture with almost complete filling of the pore system, and thereby formation of liquid-impermeable barriers in the pore system.

(54) Title of the invention : POWDER COATING COMPOSITIONS

(51) International classification	:C09D 5/03	(71)Name of Applicant :
(31) Priority Document No	:9814534.5	1)INTERNATIONAL COATINGS LIMITED
(32) Priority Date	:03/07/1998	Address of Applicant :P.O. Box 20980 Oriel House 16 Connaught Place
(33) Name of priority country	:U.K.	London W2 2ZB. U.K.
(86) International Application No	:PCT/GB99/02105	(72)Name of Inventor :
Filing Date	:02/07/1999	1)RING, John
(87) International Publication No	:WO/2000/001774	2)CRAPPER, Gareth, Dale
(61) Patent of Addition to Application Number	:NA	3)KITTLE, Kevin, Jeffrey
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 63

No of Claims : 38

(57) Abstract :

A powder coating composition of the invention comprises a film-forming polymeric component having a d(v,50) in the range of from 25 to 50 microns or a d(v,70) in the range of from 25 to 70 microns, which composition incorporates by dry-blending at least one appearance-modifying additive component and a further component comprising wax-coated silica or consisting of alumina together with aluminium hydroxide. The appearance-modifying additive may be a gloss-reducing component, a texturing component, a metallic or mica component, a colouring pigment, or a further film-forming polymeric material compatible with the first film-forming polymeric material and differing in colouration therefrom, and the further additive may be alumina together with aluminium hydroxide or wax-coated silica together with alumina and/or with aluminium hydroxide or wax-coated silica. Preferably, no more than 70 % by volume of the particles in the film-forming polymeric material are less than 50 microns. A kit of the invention comprises the individual additive components prior to mixing. The kit allows for the flexibl production of a variety of finishes from a gloss powder coating composition, for example a matt or textured or metallic or sparkle finish or a matt textured finish, a matt metallic finish, an antique finish or a contrast texture or metallic sparkle finish.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1037/CHE A

(19) INDIA

(22) Date of filing of Application :23/07/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : AN ELECTRIC SWITCH ASSEMBLY

(51) International classification	:H01R 9/22
(31) Priority Document No	:99/01534
(32) Priority Date	:05/02/1999
(33) Name of priority country	:France
(86) International Application No	:PCT/FR00/00223
Filing Date	:31/01/2000
(87) International Publication No	:WO/2000/046880
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
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No of Pages : 16

No of Claims : 13

(57) Abstract :

The invention concerns an electric switch assembly comprising multipolar quick-assembly appliance and quick-connect appliances which can be quickly assembled. The body of an appliance, or its power terminal strip, is directly fixed to the body of the adjacent appliance, for example by fitting protuberances (37) in slots (26) and interlocking. The interconnection between the various appliances is rapidly performed by multipolar blocks capable of being pressed on the front surfaces of appliances and of being elastically plugged in their terminals. The invention is applicable to a motor-starter block.

(54) Title of the invention : A METHOD FOR REDUCING THE MOLECULAR WEIGHT OF OLEFIN COPOLYMERS

(51) International classification	:C10M 159/12	(71)Name of Applicant :
(31) Priority Document No	:09/460,230	1)EXXON CHEMICAL PATENTS INC.
(32) Priority Date	:13/12/1999	Address of Applicant :5200 Bayway Drive Baytown, TX 77520-2101.
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US00/29562	(72)Name of Inventor :
Filing Date	:26/10/2000	1)GARDINER, James, MacFarlane.
(87) International Publication No	:WO/2001/042401	2)FENNER, Keith, James
(61) Patent of Addition to Application Number	:NA	3)SPOHN, Ralph, Joseph;
Filing Date	:NA	4)VERSTRATE, Gary, W
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 6

(57) Abstract :
The present invention relates to a method for reducing the molecular weight of olefin copolymers comprises contacting an olefin copolymer and a base oil containing less than about 0.05 wt. % sulfur in the presence of oxygen and at a temperature of at least about 60 Â°C.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1089/CHE A

(19) INDIA

(22) Date of filing of Application :01/08/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PLAIN BEARING AND A METHOD OF PRODUCING THE SAME

(51) International classification	:C22C 13/02
(31) Priority Document No	:19905213.1
(32) Priority Date	:09/02/1999
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP00/00488
Filing Date	:22/01/2000
(87) International Publication No	:WO/2000/047788
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 6

No of Claims : 5

(57) Abstract :

The present invention relates to a plain bearing for the spigots of rolling mill rolls with a bearing bush (1) of metal and slide bearing alloy (2), on a tin basis with antimony and copper, disposed therein, characterised in that the slide bearing alloy (2) consists of 6.8 to 7.2 weight percent of antimony, 6.3 to 6.7 weight percent of copper, 0.5 to 0.7 weight percent of zinc, 0.05 to 0.15 weight percent of silver and the rest tin. The invention also relates to a method of producing the bearings.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1125/CHE A

(19) INDIA

(22) Date of filing of Application :08/08/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD FOR PRODUCING A FITTING

(51) International classification	:F16K 5/16
(31) Priority Document No	:299 03 320.1
(32) Priority Date	:25/02/1999
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP00/01137
Filing Date	:11/02/2000
(87) International Publication No	:WO/2000/050791
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 19

No of Claims : 12

(57) Abstract :

A fitting contains a housing (2), a rotating body (4) which is situated in said housing and which is especially configured in the form of a conical plug, and a bushing (18) which is provided in the housing (2) in order to float mount and seal the rotating body (4). A cover (14) that is provided is connected to the housing (2), a shaft (12) that is coupled with the rotating body (4) being guided out through this cover. A sealing element (30, 44) is associated with said shaft. The aim of the invention is to configure the fitting in such a way that the bushing (18) and/or the sealing element (30, 44) and/or the cover (14) can be mounted and/or are located centrally and free from lateral forces in relation to the axis (10) of the float-mounted rotating body (4). To this end, the shaft (12) is configured as a single piece with the rotating body (4), the cover (14) can be centred in relation to the axis of rotation (10) of the rotating body (4) and is directly connected to the housing (2) with a nonpositive fit and the cover (14) contains a centring body (34) which is associated with the sealing element (30, 44) and can be radially aligned with the shaft (12).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/12/CHE A

(19) INDIA

(22) Date of filing of Application :03/01/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : COMPONENTS AND CATALYSTS FOR THE POLYMERIZATION OF OLEFINS

(51) International classification	:C08F 10/00
(31) Priority Document No	:99201172.6
(32) Priority Date	:15/04/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP00/03333
Filing Date	:12/04/2000
(87) International Publication No	:WO/2000/063261
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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6)KLUSENER, Peter, A., A.

7)KORNDORFFER, Franciscus, M.

No of Pages : 39

No of Claims : 39

(57) Abstract :

The present invention relates to a solid catalyst component for the polymerization of olefins $\text{CH}_2=\text{CHR}$ in which R is hydrogen or a hydrocarbon radical with 1-12 carbon atoms, comprising Mg Ti, halogen and an electron donor selected from substituted succinates of a particular formula. Said catalyst components when used in the polymerization of olefins, and in particular of propylene, are capable to give polymers in high yields and with high isotactic index expressed in terms of high xylene insolubility. This invention also includes catalyst composition containing this solid catalyst component.

(54) Title of the invention : AN ELECTROMAGNETIC SEPARATOR AND A METHOD FOR QUANTITATIVE SEPARATION OF PARTICLES SUSPENDED IN A FLUID

(51) International classification	:G01N 21/27	(71)Name of Applicant :
(31) Priority Document No	:60/128,627	1)SHOT, INC.
(32) Priority Date	:09/04/1999	Address of Applicant :7200 Highway 150, Greenville, IN 47124. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US00/09610	1)VELLINGER, John
Filing Date	:10/04/2000	2)TODD, Paul, W.
(87) International Publication No	:	3)BARTON, Ken
	WO/2000/062034	4)DUNN, Scott
(61) Patent of Addition to Application Number	:NA	5)DEUSER, Mark, S.
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 24

(57) Abstract :

The present invention relates to improved techniques for separating cells, particles and molecules important to medical science and biotechnology because separation is frequently the limiting factor for many biological processes. The apparatus and method of use provides an innovative method for quantitatively separating cells, proteins, or other particles, using multistage, magnetically, electromagnetically assisted separation technology, ("MAGSEP"). The MAGSEP technology provides a separation technology applicable to medical, chemical, cell biology, and biotechnology processes. Moreover, the instant invention relates to a method for separating and isolating mixtures of combinatorial synthesized molecules such that a variety of products are prepared, in groups, possessing diversity in size, length, (molecular weight), and structural elements. These are then analyzed for the ability to bind specifically to an antibody, receptor, or other ligate.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1515/CHE A

(19) INDIA

(22) Date of filing of Application :02/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD AND APPARATUS FOR MINIMIZING THE NUMBER OF CHANNELS USED FOR PAGING

(51) International classification	:H04B 7/185
(31) Priority Document No	:09/305,180
(32) Priority Date	:04/05/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/12276
Filing Date	:03/05/2000
(87) International Publication No	:WO/2000/067397
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SCHIFF, Leonard, N.

No of Pages : 45

No of Claims : 44

(57) Abstract :

A method for sending a page to a user terminal (UT) in a satellite communications system having at least one gateway and one or more satellites, wherein each satellite produces a plurality of beams and each beam has a plurality of channels, and wherein the satellites produce a total number of beams m, the method comprising the steps of. (a) recalling a location of the UT corresponding to a known location of the UT at a time t_i , (b) determining a group (g1) of beams that covers said recalled location of the UT at a time t_2 , where $g1 < n$ and $t_2 > t_i$; (c) determining a strongest beam of said group (g1) of beams at time t_2 ; and (d) sending the page from the gateway to the UT on a channel of said strongest beam.

(54) Title of the invention : AN AFFINITY CHROMATOGRAPHIC TEST STRIP,A KIT AND A METHOD FOR QUANTIATING AT LEAST ONE ANALYTE

(51) International classification	:G01N 33/538
(31) Priority Document No	:09/305,771
(32) Priority Date	:05/05/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/12099
Filing Date	:05/05/2000
(87) International Publication No	:WO/2000/070327
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INTEC SCIENCE, INC.
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1)LU, Fang
2)LU, Frank, N., W.
3)WANG, Kai, Hua

No of Pages : 31

No of Claims : 24

(57) Abstract :

An affinity chromatographic test strip, a kit and a method for quantitating at least one analyte System, method, and test strip for solid phase, electrochemical, quantitative analysis of analytes contained in biological fluid samples. Preliminary to analysis, a test sample solution can be applied to a sample collection pad associated with the solid phase test environment of the test strip. The test sample solution and a test kit reagent are thereby initially contacted, under assay conditions, within this solid phase test environment, and caused to migrate along a fluid pathway therein. Irrespective of the assay format (competitive assay, sandwich assay, etc.), a test kit reagent (e.g. labeled substance) and the analyte of interest (e.g. proteins, hormones or enzymes, small molecules, polysaccharides, antibodies, nucleic acids, drugs, toxins, viruses or virus particles, portions of a cell wall and other compounds which have specific or characteristic markers that permit their identification), either interact with one another to form a complex, or, alternatively, compete with one another for interaction with another test kit reagent, resulting in the concentration of an indicator substance within a delimited area of the solid phase. Thereafter, the delimited area of the test strip is subjected to electrochemical analysis and the results determined by monitoring an electrochemical transition in the form of an indicator, or derivative of the indicator (e.g. indicator species), by potentiostatic or potentiometric quantitative analysis (e.g. anodic stripping voltammetry). This electrochemical transition of the indicator has a characteristic electrical fingerprint that can be measured and which, when compared to a standard, can be correlated with the concentration of the analyte in the sample. This method is suitable for the determination/monitoring of therapeutic range of drugs (anti-convulsants drugs), determination of critical and potentially dangerous levels of endogenous materials which are indicative of disease states (prostate cancer), and numerous other applications presently requiring elaborate and time-consuming clinical laboratory analysis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1547/CHE A

(19) INDIA

(22) Date of filing of Application :07/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A TOOTH CLEANING MEANS

(51) International classification	:A61C 15/04
(31) Priority Document No	:925/99
(32) Priority Date	:15/05/1999
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/CH00/00265
Filing Date	:12/05/2000
(87) International Publication No	:WO/2000/069363
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CORTEX HUMBELIN AG
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(72)**Name of Inventor :**
1)BUZZI, Carlo, A.

No of Pages : 11

No of Claims : 10

(57) Abstract :

A tooth cleaning means is formed by technical textile processing of monofilament or multifilament threads. The threads are made of highly elastic synthetic material or latex. The threads are subjected to a technical textile processing method selected from amongst braiding, binding, doubling, weaving or drawing with the purpose of forming a shaped body having an abrasive surface on its structure. Said teeth cleaning means changes its cross-sectional area depending on the intensity of the tensile forces being exerted so that the teeth cleaning means can be easily inserted into the interproximate space of the teeth, can fill practically any interproximate space and bring about an abrasive effect therein.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1549/CHE A

(19) INDIA

(22) Date of filing of Application :07/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : STABLE COFFEE CONCENTRATE SYSTEM

(51) International classification	:A23F 5/24
(31) Priority Document No	:60/134,640
(32) Priority Date	:18/05/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP00/04409
Filing Date	:11/05/2000
(87) International Publication No	:WO/2000/069274
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SOCIETE DES PRODUITS NESTLE S.A.
Address of Applicant :P.O. Box 353, CH-1800 Vevey Switzerland

(72)**Name of Inventor :**
1)CHENG, Pu-Sheng
2)ZHENG, Ying
3)LAROA, Serena
4)HU, Wenjie;
5)RAHMANI, Rachid

No of Pages : 14

No of Claims : 13

(57) Abstract :

A beverage system for providing a coffee beverage. The beverage system contains a coffee base concentrate and coffee aroma. The coffee base concentrate has a soluble coffee solids concentration of at least 10 % by weight and is free of coffee aroma. The coffee base concentrate and the coffee aroma are stored separately and are combined upon reconstitution for providing a coffee beverage. Separate store of the coffee base concentrate and the coffee aroma increases the stability of the system.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1555/CHE A

(19) INDIA

(22) Date of filing of Application :08/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A BODY SUCH AS GRAIN, AND A METHOD FOR MAKING SUCH BODY

(51) International classification	:A61L 27/06
(31) Priority Document No	:9901523-2
(32) Priority Date	:28/04/1999
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE00/00802
Filing Date	:28/04/2000
(87) International Publication No	:WO/2000/064504
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BRUCE, Ingrid
2)BRUCE, Lars

No of Pages : 11

No of Claims : 10

(57) Abstract :

A body, such as a grain, for providing ingrowth and growth of bone tissue and/or connective tissue. The body consists of a plastic or non-essentially elastic biocompatible material, preferably metal or metal alloy. It is also porous, having the following porosity characteristics: (a) the porosity is continuous and (b) the opening of cavities/indentations/pockets and the ducts connecting them has the width of \$m(g) about 50 \$g(m)m for bone tissue and \$m(g) about 10 \$g(m)m for connective tissue. In a method of making such a body, the body has been produced by blowing gas into a melt of metal. An advantageous use of bodies according to the invention is enclosing thereof in a casing, formed with openings, for making an implant, such as a spinal implant.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1561/CHE A

(19) INDIA

(22) Date of filing of Application :08/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A MECHANICAL PENCIL

(51) International classification	:B43K 21/027
(31) Priority Document No	:2000-95124
(32) Priority Date	:30/03/2000
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP01/02544
Filing Date	:28/03/2001
(87) International Publication No	:WO/2001/074603
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)MARUYAMA, Shigeki

2)HENMI, Toshiro

3)SASAKI, Tsukasa

No of Pages : 67

No of Claims : 18

(57) Abstract :

There is provided a mechanical pencil which permits an effective use of a residual lead which is left in a front end of the pencil. The pencil has a tubular shaft having at its front portion a slide member which has a passage for a writing lead, and a lead advancement mechanism axially slidably disposed in the tubular shaft. The slide member and at least one element of the lead advancement mechanism are co-acted and interlocked with each other. This structure permits a favorable feeling of writing and an effective use of the writing lead.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1566/CHE A

(19) INDIA

(22) Date of filing of Application :09/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD AND APPARATUS FOR LOCATING THE POSITION OF AN OBJECT

(51) International classification	:G01 S 1/02
(31) Priority Document No	:9911135.3
(32) Priority Date	:14/05/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2000/001801
Filing Date	:11/05/2000
(87) International Publication No	:WO/2000/070363
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)RICKARD, David, Charles

2)HORNE, James, William

No of Pages : 13

No of Claims : 8

(57) Abstract :

Described herein is an object located system for locating an object (10) which produces identifying signals. The system comprises a plurality of receivers sites (22, 24, 26, 28) arranged in an array (20) for receiving signals from the object (10) and for receiving a common time reference in the form signals received from a global navigation system (50). The array (20) comprises a reference receiver site (22) and three auxiliary receiver sites (24, 26, 28), the auxiliary sites being connected to the reference site by data links (34, 36, 38). Each receiver site (22, 24, 26, 28) receives signals (42, 44, 46, 48) from the object (10) and timing control signals (52, 54, 56, 58) from a global navigation system (50). Each site determines a time difference between the receipt of the object signals and the timing signals, the auxiliary sites (24, 26, 28) providing data signals on data links (34, 36, 38) to the reference site (22) where the location of the object (10) is determined.

(54) Title of the invention : A NIOBIUM POWDER

(51) International classification :H01G 9/052 (31) Priority Document No :09/310322 (32) Priority Date :12/05/1999 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2000/012260 Filing Date :05/05/2000 (87) International Publication No :WO/2000/069588 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)CABOT CORPORATION Address of Applicant :75 State Street, Boston, Massachusetts 02109-1806 U.S.A. (72)Name of Inventor : 1)HABECKER, Kurt, A.; 2)FIFE, James, A.;

No of Pages : 18

No of Claims : 27

(57) Abstract :
The present invention relates to a niobium powder, wherein when said powder is formed into an electrolytic capacitor anode, said anode has a capacitance of at least 65,000 CV/g., and wherein said niobium powder has a BET surface area of at least about 5.5 m2/g.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/157/CHE A

(19) INDIA

(22) Date of filing of Application :02/02/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : CACHED CHAINBACK RAM FOR SERIAL VITERBI DECODER

(51) International classification	:H03M 13/41
(31) Priority Document No	:09/129,022
(32) Priority Date	:04/08/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/17659
Filing Date	:04/08/1999
(87) International Publication No	:WO/2000/008769
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :5775 Morehouse Drive San Diego, CA 92121-1714. U.S.A.

(72)Name of Inventor :

1)HANSQUINE, David;

No of Pages : 25

No of Claims : 13

(57) Abstract :

A serial Viterbi decoder having a chainback cache is provided for use in a mobile telephone. In one embodiment described herein, the decoder includes a branch error metric block, an add-compare-select unit, and a chainback block including a chainback RAM, a full chainback cache and chainback controller circuitry. The chainback cache caches decision bits from previous process cycles such that full chainback operations need not always be performed. The chainback cache is configured to cache on all reads. With the chainback cache, significant savings in power consumption and processing time may be achieved with only a relatively modest increase in the amount of circuitry required. In another embodiment, a full chainback cache is not provided. Rather, the chainback block instead includes an L+1 bit RAM, an updown counter and a shift register configured to emulate a chainback cache. In still another embodiment, an L bit shift register is employed instead of the combination of the L+1 bit RAM and updown counter. In the various embodiments, the chainback block may be configured to perform only one chainback read in each process cycle or may be configured to perform $S_i(m)$ chainback reads in each process cycle. In still other embodiments, the chainback block is configured to perform chainback operations based on $S_i(a)$ through $S_i(b)$ reads where the cache is accessed for each read after $S_i(a)$ reads have been done until $S_i(b)$ reads have been performed or a match is obtained. In still further embodiments, the chainback block is configured to perform chainback operations over multiple process cycles rather than only a single process cycle.

(54) Title of the invention : "A PROCESS FOR THE PREPARATION OF 4-CYANO-3-HYDROXYBUTANOYL HYDRAZIDE"

(51) International classification	:C07C 243/34	(71)Name of Applicant :
(31) Priority Document No	: 09/317,398	1)MICHIGAN STATE UNIVERSITY
(32) Priority Date	:24/05/1999	Address of Applicant :238 Administration Building East Lansing,
(33) Name of priority country	:U.S.A.	Michigan 48824 U.S.A.
(86) International Application No	:PCT/US2000/011124	(72)Name of Inventor :
Filing Date	:25/04/2000	1)HOLLINGSWORTH, Rawle, I
(87) International Publication No	:WO/2000/071503	2)WANG, Guijun
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 4

(57) Abstract :

The present invention relates to a process for the preparation of 4-cyano-3- hydroxybutanoyl hydrazide which comprises: (a) reacting 4-cyano-3-hydroxybutyric acid alkyl ester, where alkyl contains 1 to 6 carbon atoms, with anhydrous hydrazine in a polar organic solvent to produce the 4-cyano-3-hydroxybutanoyl hydrazide in a reaction mixture; and (b) separating the 4-cyano-3-hydroxylbutanoyl hydrazide from the reaction mixture to produce the 4-cyano-3-hydroxybutanoyl hydrazide

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1579/CHE A

(19) INDIA

(22) Date of filing of Application :13/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : SUBTILASE ENZYMES HAVING AT LEAST ONE ADDITIONAL AMINO ACID RESIDUE

(51) International classification	:C11D 3/386
(31) Priority Document No	:PA 1999 00701
(32) Priority Date	:20/05/1999
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK00/00237
Filing Date	:10/05/2000
(87) International Publication No	:WO/00/71686
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)MIKKELSEN, Frank, F.
3)KAMP HANSEN, Peter
4)NORREGAARD-MADSEN, Mads
5)ANDERSEN, Carsten

No of Pages : 61

No of Claims : 33

(57) Abstract :

This invention relates to a subtilase enzyme of the I-S1 or I-S2 sub-group having at least one additional amino acid residue in position 97 of the active site loop region from position 95 to 103. The subtilase enzyme does not contain the following insertions G97GASG, G97GAA, G97GAS, G97GAS+A98S+S99G, G97GGG+ A98S+S99G, G97GAA+A98S+S99G, G97GASG+A98S+S99G+G100A+S101A or G97GAA+A98S+S99G+S101T.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1581/CHE A

(19) INDIA

(22) Date of filing of Application :13/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD OF MANUFACTURING A BRAZING SHEET PRODUCT AND A BRAZING SHEET PRODUCT MADE THEREBY

(51) International classification	:C25D 5/44
(31) Priority Document No	:99201649.3
(32) Priority Date	:21/05/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP00/04608
Filing Date	:18/05/2000
(87) International Publication No	:
	WO/2000/071784
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MOOLJ, Joop, Nicolaas
2)WITTEBROOD, Adrianus, Jacobus
3)WIJENBERG, Jacques, Hubert, Olga, Joseph

No of Pages : 41

No of Claims : 27

(57) Abstract :

A brazing sheet product and a method of manufacturing a brazing sheet product in which a layer comprising nickel is plated onto a surface of a clad layer made of an aluminium-silicon alloy containing silicon in the range of 2 to 18 weight %, wherein the surface is pre-treated by application of a bonding layer comprising zinc or tin. The application of the bonding layer may be by a zincate or a stannate treatment. The use of lead to promote wetting during brazing can be reduced or avoided, or other elements such as bismuth can be used.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1607/CHE A

(19) INDIA

(22) Date of filing of Application :19/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : PROCESS AND DEVICE FOR CLEANING YARN

(51) International classification	:B65 H 63/06
(31) Priority Document No	:1008/99
(32) Priority Date	:29/05/1999
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/CH00/00284
Filing Date	:22/05/2000
(87) International Publication No	:WO 00/73189
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :Wilstrasse 11 CH-8610 Uster Switzerland
(72)**Name of Inventor :**
1)HÄLLER, Robert

No of Pages : 11

No of Claims : 10

(57) Abstract :

A method for cleaning yarn by cutting out defects in the yarn using a cleaning limit for separating defects which are to be cut out from defects which are not to be cut out wherein a cleaning limit for eliminating at least one defect in a yarn according to its length one image of a first yarn defect associated with the cleaning limits is displayed from the database, the at least one image of the first yarn defect including yarn defects that are not eliminated by the cleaning limit, the cleaning limit is modified based upon an appraisal of the displayed at least one image of the first yarn defect, and the modified cleaning limit is stored and the defects cut out of the yarn using the modified cleaning limit.

(54) Title of the invention : A METHOD FOR SCOURING AND DYEING CELLULOSIC FIBERS IN A SINGLE BATH

(51) International classification	:D06M 16/00	(71)Name of Applicant :
(31) Priority Document No	:09/317,546	1)NOVOZYMES NORTH AMERICA, INC.
(32) Priority Date	:24/05/1999	Address of Applicant :77 Perry Chapel Church Road Franklinton, NC
(33) Name of priority country	:U.S.A.	27525 U.S.A.
(86) International Application No	:PCT/US2000/014393	(72)Name of Inventor :
Filing Date	:24/05/2000	1)LIU, Jiyin
(87) International Publication No	:WO/2000/071808	2)CONDON, Brian
(61) Patent of Addition to Application Number	:NA	3)SHOWMAKER, Harry, Lee, III
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 41

No of Claims : 23

(57) Abstract :

The present invention relates to a method for scouring and dyeing cellulosic fibers in a single-bath, said method comprising contacting the fibers with (i) a bioscouring enzyme selected from the group consisting of pectinase, protease, lipase, and combinations of any of the foregoing and (ii) a dyeing system, wherein the bioscouring enzyme and the dyeing system are added simultaneously or sequentially to a single solution containing the fibers.

(54) Title of the invention : A METHOD OF ENHANCING THE RATE OF NOVEL GENE DISCOVERY

(51) International classification	:C12Q 1/68	(71)Name of Applicant :
(31) Priority Document No	:09/314,698	1)AVENTIS PHARMACEUTICALS INC.
(32) Priority Date	:19/05/1999	Address of Applicant :Route 202-206, P.O. Box 6800 Bridgewater, NJ
(33) Name of priority country	:U.S.A.	08807-0800 U.S.A.
(86) International Application No	:PCT/US00/13789	(72)Name of Inventor :
Filing Date	:19/05/2000	1)PERRIN, Steven
(87) International Publication No	:WO/00/70098	2)CALL, Katherine
(61) Patent of Addition to Application Number	:NA	3)CONNOLLY, Timothy
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 6

(57) Abstract :

The invention relates to a highly efficient, high-throughput method for the identification and elimination of redundancy in a population of nucleic acid molecules using microarrays. This method involves a reiterative subtraction protocol using a library that becomes more biased toward unknown genes with each successive round. The removal of repetitive and previously characterized nucleic acids from the library allows the identification of low-abundance mRNA from sources of interest and enhances the rate of novel gene discovery. The present invention is also useful for the removal of contaminating nucleic acids from cloning libraries.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1623/CHE A

(19) INDIA

(22) Date of filing of Application :21/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : "CENTRIFUGAL SEPARATOR WITH IMPROVED INJECTION OF A SOLIDS-LADEN WATER STREAM"

(51) International classification	:B01D 21/26
(31) Priority Document No	:09/322,139
(32) Priority Date	:28/05/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2000/014156
Filing Date	:23/05/2000
(87) International Publication No	:WO/2000/072937
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 20

No of Claims : 5

(57) Abstract :

A centrifugal separator comprising a separation barrel with an upper end, a lower end, a central axis, and an internal circularly cylindrical axially extending wall forming a separation chamber, a collection chamber adjacent to the lower end, a spin plate extending across the separation chamber adjacent to the lower end, a solids slot adjacent to the lower end fluidly interconnecting the collection chamber and separation chamber, a closure containing the upper end having a centrally located exit port, an acceptance chamber wall surrounding the separation barrel adjacent to the upper end to form an annular acceptance chamber between the separation barrel and the acceptance chamber wall, a supply nozzle tangentially entering the annular acceptance chamber and forming a circular flow therein, and a plurality of radially spaced apart axially-extending slots passing through the wall of the separation barrel fluidly interconnecting the annular acceptance chamber and the separation chamber, entering the separation chamber tangentially in the same rotational direction as the rotational direction in the acceptance chamber, each of the slots having an upper end and a lower end; the slots being formed in a plurality of axially-disposed ranks, each rank including a plurality of equally angularly spaced apart slots, the upper ends of the slots in each lower rank having an elevation not appreciably higher than the lower ends of the slots in the rank just above it, the slots being formed in a staggered pattern.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1637/CHE A

(19) INDIA

(22) Date of filing of Application :23/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : ABRASIVE TOOLS

(51) International classification	:B24D 3/32
(31) Priority Document No	:09/322,945
(32) Priority Date	:28/05/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/11406
Filing Date	:28/04/2000
(87) International Publication No	:WO/2000/073023
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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3)SALEK, Bethany, L

No of Pages : 20

No of Claims : 17

(57) Abstract :

The present invention relates to an abrasive tool comprising a ring and an abrasive rim containing 2 to 15 volume percent abrasive grain, the abrasive grain having a maximum grit size of 120 microns, wherein the abrasive rim comprises resin bond and at least 40 volume percent hollow filler materials, and the abrasive grain and resin bond are present in the abrasive rim in a ratio of 1.5:1.0 to 0.3:1.0 grain to bond.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1638/CHE A

(19) INDIA

(22) Date of filing of Application :23/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : DATA TRANSMISSION

(51) International classification	:H04N 5/00
(31) Priority Document No	:990970
(32) Priority Date	:29/04/1999
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI00/00363
Filing Date	:26/04/2000
(87) International Publication No	:WO/00/67469
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)HANNUKSELA, Miska

No of Pages : 50

No of Claims : 68

(57) Abstract :

A data transmission system (10) is provided for transmitting a data signal between a server (12, 14, 16, 18) and a communications terminal (20, 22) over a transmission link having a variable bandwidth. The data signal is a scalable compressed multimedia clip comprising a sequence of images. Each image has a base layer and a number of enhancement layers. To cope with variability in the bandwidth, the sequence is re-ordered so that the base layers have greater safety times than the enhancement layers. This allows all of the base layers to arrive in time to be played at the expense of the enhancement layers.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1652/CHE A

(19) INDIA

(22) Date of filing of Application :26/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD OF OPERATING A COMPUTER NETWORK SEARCH APPARATUS

(51) International classification	:G06F 17/60
(31) Priority Document No	:09/322,677
(32) Priority Date	:28/05/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/14753
Filing Date	:26/05/2000
(87) International Publication No	:WO/2000/073960
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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6)KWONG, Thomas

7)LEE, Jonathan, C.

8)LEE, Ka, Luk

9)PFARNER, Preston

10)SKOVAN, Steve

No of Pages : 43

No of Claims : 21

(57) Abstract :

The present invention relates to a method of operating a computer network search apparatus, a system and method for enabling information providers using a computer network such as the Internet to influence a position for a search listing within a search result list generated by an Internet search engine. The system and method of the present invention provides a database having accounts for the network information providers. Each account contains contact and billing information for a network information provider. In addition, each account contains at least one search listing having at least three components; a description, a search item comprising one or more keywords, and a bid amount. The network information provider may add, delete, or modify a search listing after logging into his or her account via an authentication process. The network information provider influences a position for a search listing in the provider's account by first selecting a search term relevant to the content of the web site or other information source to be listed. The network information provider enters the search term and the description into a search listing. The network information provider influences the position for a search listing through a continuous online competitive bidding process. The bidding process occurs when the network information provider enters a new bid amount, which is preferably a money amount, for a search listing. The system and method of the present invention then compares this bid amount with all other bid amounts for the same search term, and generates a rank value for all search listing having that search term. The rank value generated by the bidding process determines where the network information providers listing will appear on the search results list page that is generated in response to a query of the search term by a searcher located at a client computer on the computer network. A higher bid by a network information provider will result in a higher rank value and a more advantageous placement.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1659/CHE A

(19) INDIA

(22) Date of filing of Application :27/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : DEVICE FOR IN VIVO DETERMINING VISCOSITY

(51) International classification	:A61N 1/365
(31) Priority Document No	:1012223
(32) Priority Date	:03/06/1999
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2000/000378
Filing Date	:05/06/2000
(87) International Publication No	:WO/2000/074775
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 19

No of Claims : 17

(57) Abstract :

The invention relates to a method for determining properties of blood, such as the blood viscosity of a person, comprising of generating in vivo for a determined time, by means of an electrical alternating current of a determined frequency, a measurement signal of the impedance of the blood between at least two points centrally in a blood volume, wherein the measurement signal is processed such that variations therein with a frequency in the order of magnitude of the heart frequency are substantially absent therefrom, and comparing the processed measurement signal with predetermined relations between impedance and the properties of the blood, such as the viscosity.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1664/CHE A

(19) INDIA

(22) Date of filing of Application :27/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD OF OPERATING A RADIO COMMUNICATION SYSTEM HAVING A RANDOM ACCESS CHANNEL

(51) International classification	:H04B 7/00
(31) Priority Document No	:0007337.9
(32) Priority Date	:28/03/2000
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2001/002916
Filing Date	:15/03/2001
(87) International Publication No	:WO/2001/073970
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 18

No of Claims : 11

(57) Abstract :

A radio communication system has a random access channel for the transmission of data (214) from a secondary station to a primary station. Such a channel is intended for use by secondary stations having data (214) to transmit to a primary station while not actually engaged in a call. By enabling access requests (202) to be transmitted with a greater range of possible signatures, a much greater number of degrees of freedom is available to a secondary station requesting access to a random access channel. This enables significantly improved efficiency of resource allocation by increasing the amount of information transmitted to the primary station by the access request (202).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1670/CHE A

(19) INDIA

(22) Date of filing of Application :28/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD FOR DETERMINING THE ABILITY OF A TEST COMPOUND TO ALTER PHOSPHORYLATION AND DEGRADATION OF HUMAN PERIOD PROTEINS

(51) International classification	:G01N 33/68
(31) Priority Document No	:09/327,745
(32) Priority Date	:08/06/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/15633
Filing Date	:07/06/2000
(87) International Publication No	:WO/2000/075669
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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4)CAMACHO, Fernando.

No of Pages : 43

No of Claims : 43

(57) Abstract :

The present invention is directed to methods to identify test compounds that alter circadian rhythms of mammals, and more specifically, directed to methods for determining the ability of a test compound to alter hCKI \$g(d) and \$g(e) phosphorylation of a human Period protein. The present invention is also directed to a method for determining the ability of a test compound to selectively alter phosphorylation, interaction with, or alternatively degradation, of one or more human Period proteins relative to its ability to alter phosphorylation, interaction with, or alternatively degradation, of a different human Period protein.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1671/CHE A

(19) INDIA

(22) Date of filing of Application :28/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD FOR IMPLEMENTING A FUNCTIONAL MEMORY AND A MEMORY ARRANGEMENT FOR STORING DATA UNITS

(51) International classification	:G06F 17/30
(31) Priority Document No	:FI 991261
(32) Priority Date	:02/06/1999
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI00/00380
Filing Date	:28/04/2000
(87) International Publication No	:WO/2000/075804
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 19

No of Claims : 10

(57) Abstract :

The present invention relates to a method for implementing a functional memory and to a memory arrangement. The memory is implemented as a directory structure comprising a tree-shaped hierarchy having nodes at several different hierarchy levels. In the directory structure, pointers are first added to nodes whose table contains a given first number of elements and which are width-compressed nodes. To maximize the performance of the functional trie structure, addition of a pointer to an individual width-compressed node is permitted until the number of pointers in the node corresponds to a given predetermined threshold value that is smaller than said first number. The width-compressed node is converted to a cluster of nodes made up by a parent node (N50) and separate child nodes (N51...N54) as soon as the number of pointers to be accommodated in the width-compressed node exceeds said threshold value.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1678/CHE A

(19) INDIA

(22) Date of filing of Application :29/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PROCESS FOR ELIMINATION OF SODIUM OXALATE IN AN INDUSTRIAL FACILITY IMPLEMENTING THE BAYER ALUMINA HYDRATE PRODUCTION PROCESS AND USING INDUSTRIAL WATER

(51) International classification	:C01F 7/06
(31) Priority Document No	:99/07231
(32) Priority Date	:04/06/1999
(33) Name of priority country	:France
(86) International Application No	:PCT/FR00/01451
Filing Date	:29/05/2000
(87) International Publication No	:WO/2000/075073
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)CRISTOL, Benoit

No of Pages : 19

No of Claims : 11

(57) Abstract :

The present invention relates to a process for elimination of sodium oxalate in an industrial facility implementing the Bayer alumina hydrate production process and using industrial water, said process comprising, in at least one fraction (L4) of the decomposed Bayer aluminate solution (L2) removed after concentration (V), the precipitation of the oxalate dissolved by means of a finely divided limebased destabilisation agent (C1) followed by the separation (F) of the solid deoxalation residue (84) from the solution (L6) recycled as a bauxite alkaline corrosion solution, characterized in that the deoxalation residue (84) from the separation is used to decarbonate and deoxalate said industrial water.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1679/CHE A

(19) INDIA

(22) Date of filing of Application :29/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF A DURABLE PHOTOCATALYTICALLY ACTIVE COATED GLASS

(51) International classification	:C03C 17/245
(31) Priority Document No	:9913315.9
(32) Priority Date	:08/06/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB00/02111
Filing Date	:01/06/2000
(87) International Publication No	:WO/2000/075087
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 35

No of Claims : 40

(57) Abstract :

The present invention relates to a process for the production of a durable photocatalytically active coated glass which comprises depositing on the surface of a glass substrate a photocatalytically active titanium oxide layer having a thickness of less than 40 nm by contacting the surface of the substrate, which substrate at a temperature in the range 645Â°C to 720Â°C, with a fluid mixture containing a source of titanium.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1682/CHE A

(19) INDIA

(22) Date of filing of Application :29/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : ARTICULATED DEVICE FOR TRANSFERRING FLUID

(51) International classification	:B67D 5/70
(31) Priority Document No	:99/05607
(32) Priority Date	:03/05/1999
(33) Name of priority country	:France
(86) International Application No	:PCT/FR00/01126
Filing Date	:27/04/2000
(87) International Publication No	:WO/00/66484
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 21

No of Claims : 11

(57) Abstract :

The articulated device for transferring fluid between a jib comprising at least one pipe section (54a, 54b) fixed to the jib (12) and a coupling, comprises a system of concertina or deformable diamond-shaped type articulated pipe segments and actuated by cable, at least one pipe section (24a, 24b) connecting to the coupling means. Each section fixed to the jib or connecting to the coupling is connected to one end of the system by a bend and rotary joints (53a, 53b), the bend being fixed to a support (51, 52) suspended from the jib. Each end of the system is fixed to a support (74a) movably mounted in rotation by a bearing (78a) on the bend support to which the end is connected, concentrically with the joint (72a) connecting the end to the bend. The invention applies in particular to the transfer of liquefied natural gas from a marine platform to an oil tanker.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1683/CHE A

(19) INDIA

(22) Date of filing of Application :29/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : "A METHOD OF DEPLOYING AN ELECTRICALLY DRIVEN DOWNHOLE FLUID TRANSDUCER SYSTEM "

(51) International classification	:E21B 43/12
(31) Priority Document No	:99202160.0
(32) Priority Date	:02/07/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2000/006232
Filing Date	:30/06/2000
(87) International Publication No	:WO/2001/002699
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 25

No of Claims : 16

(57) Abstract :

A method of retrievably deploying an electrically driven downhole well fluid transducer system, such as an electrical submersible pump (ESP), comprises installing a production tubing which is equipped near its lower end with one part of a wet mateable electrical connector and an external electric conduit and subsequently lowering the fluid transducer system, which is equipped with another part of a wet mateable electrical connector through the tubing until the wet mateable connector parts engage each other.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1688/CHE A

(19) INDIA

(22) Date of filing of Application :29/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : "A PROCESS FOR THE PREPARATION OF A PRECALCINED VANADIUM/PHOSPHORUS MIXED OXIDE CATALYST PRECURSOR"

(51) International classification	:B01J 27/198
(31) Priority Document No	:MI99 A001233
(32) Priority Date	:01/06/1999
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2000/004939
Filing Date	:30/05/2000
(87) International Publication No	:WO/2000/072963
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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4)MAZZONI, Gianluca

No of Pages : 15

No of Claims : 10

(57) Abstract :

A process for the preparation of a precalcined vanadiumphosphorus mixed oxide catalyst precursor The present invention relates to a process for the preparation of a precalcined vanadiumphosphorus mixed oxide catalyst precursor, comprising the steps of reacting vanadium pentoxide in an organic medium in the presence of a phosphorus source to obtain a catalyst precursor comprising vanadyl acid orthophosphate hemihydrate of the formula $(VO)HPO_4 \cdot 0.5H_2O$ as main component, and a heat treatment of said catalyst precursor to obtain a precalcined catalyst precursor, characterized in that the organic medium comprises (a) isobutyl alcohol or a mixture of isobutyl alcohol and benzyl alcohol and (b) a polyol the weight ratio (a) to (b) of 99:1 to 5:95, the vanadium pentoxide together with the phosphorus source is suspended in the organic medium and the mixture is kept under agitation at a temperature of 90 to 200°C over a period of 1 h to 24 h, and the heat treatment is conducted in air or oxygen-depleted air at about 300°C for about 3 hours, to obtain a precalcined catalyst precursor having a residual carbon content of 0.8 to 1.5 wt. %.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1690/CHE A

(19) INDIA

(22) Date of filing of Application :29/11/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHODS AND APPARATUS FOR MAKING AND REPLAYING DIGITAL VIDEO RECORDINGS, AND RECORDINGS MADE BY SUCH METHOD

(51) International classification	:H04N 09/804
(31) Priority Document No	:0007870.9
(32) Priority Date	:31/03/2000
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP01/03130
Filing Date	:20/03/2001
(87) International Publication No	:WO/01/76256
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)KELLY, Declan, P.
3)VAN GESTEL, Wilhelmus, J.

No of Pages : 33

No of Claims : 44

(57) Abstract :

A method of processing data received in a transport stream format to produce a modified transport stream for recording on a recording medium to record the content of a selected audio- visual programme (hereinafter referred to as the wanted content), the received transport stream comprising a multiplex of elementary streams conveying not only the wanted content but also the content of other programmes not to be recorded (the unwanted content), said elementary streams of data having been encoded, divided into elementary stream (E8) packets with packet headers, the E8 packets sub-divided into a plurality of smaller transport packets, and the transport packets of the first and second elementary streams interleaved in the received transport stream with each other and with transport packets carrying data from neither stream, wherein the said modified transport stream is produced by: -identifying and selecting received transport packets which correspond to the wanted content; -recording the selected transport packets within a recording medium to form said modified transport stream, so as to preserve compliance with a transport stream target decoder model substantially without re-packetising or remultiplexing the streams; characterized by: -generating and recording on the same recording medium auxiliary information for use by a reproducing apparatus in gaining access to the content of the modified transport stream via any of a set of potential entry points throughout the wanted content.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1692/CHE A

(19) INDIA

(22) Date of filing of Application :03/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : PROCESS FOR PRODUCING SUBSTITUTED ALKYLAMINE DERIVATIVE

(51) International classification	:C07D 277/82
(31) Priority Document No	:2000-100466
(32) Priority Date	:03/04/2000
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP01/02848
Filing Date	:02/04/2001
(87) International Publication No	:WO/2001/074794
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 44

No of Claims : 8

(57) Abstract :

The present invention aims at providing a process for producing a substituted alkylamine derivative useful as an intermediate for medicine or agrochemical, from a 2-aminothiophenol derivative at a high yield industrially. The present invention relates to a process for producing a substituted alkylamine derivative represented by the following general formula (3) Wherein X is a halogen atom, an alkyl group, an alkoxy group, a cyano group or a nitro group; n is an integer of 1 to 4; and R1 and R2 are each independently a hydrogen atom or a phenyl group-substituted or unsubstituted alkyl group and may together form a 5- or 6-membered ring, which process comprises adding a salt of a 2-aminothiophenol derivative represents by the following general formula (1) wherein X and n have the same definitions as given above/into an acid to allow the system to have a pH of 6 or less and convert the salt into a free 2-aminothiophenol derivative of the general formula (1) and then reacting the 2- aminothiophenol derivative with an amino acid-N- carboxyanhydride represented by the following general formula (2) wherein R1 and R2 each have the same definitions as given above.

(54) Title of the invention : INTERCONNECTION METHOD FOR A SYSTEM FOR REMOTE CONTROL

(51) International classification	:G05B 15/00	(71) Name of Applicant :
(31) Priority Document No	:PP 4710	1)EHOME CORPORATION PTY LIMITED
(32) Priority Date	:16/07/1998	Address of Applicant :239 Magill Road Maylands, S.A. 5067 Australia
(33) Name of priority country	:Australia	(72) Name of Inventor :
(86) International Application No	:PCT/AU1999/000576	1)NGO, Get, Sen
Filing Date	:16/07/1999	2)PARSONS, Ewan
(87) International Publication No	:WO/2000/004427	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 21

(57) Abstract :

The present invention relates to a method and apparatus allowing for the monitoring and control of electrical appliance or utilities. This is achieved by using a master webserver that can communicate with remote slave nodes using a protocol for control and automation over networks of different media including wire, radio, microwave and powerlines. This Virtual Internet Link (VIL) responds to requests from the server and remotes to replicate information as though the remote node is connected to the Internet. The virtual link is used for remote information reading as well as home automation and security reflected in the master server. Remote nodes act on the Internet database information through a master/slave/exception protocol supporting automation, metering, security, e-cash transfers and Internet back-channel requests.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1741/CHE A

(19) INDIA

(22) Date of filing of Application :11/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD OF PRODUCING A TRANSGENIC COTTON PLANT

(51) International classification	:C12N 15/82
(31) Priority Document No	:09/314,449
(32) Priority Date	:19/05/1999
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP00/04611
Filing Date	:18/05/2000
(87) International Publication No	:WO/00/71733
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)REYNAERTS, Arlette
2)DE SONVILLE, Anne

No of Pages : 31

No of Claims : 9

(57) Abstract :

This invention relates to improved methods for the production of transgenic cotton plants, comprising cocultivating Agrobacterium cells comprising a DNA fragment of interest operably linked to at least one T-DNA border with cotton embryogenic callus in the presence of a plant phenolic compound.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1742/CHE A

(19) INDIA

(22) Date of filing of Application :11/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A BIOACTIVE PEPTIDE HAVING PREPTIN FUNCTIONALITY

(51) International classification	:C07K 14/47
(31) Priority Document No	:NZ 336359
(32) Priority Date	:18/06/1999
(33) Name of priority country	:New Zealand
(86) International Application No	:PCT/NZ00/00102
Filing Date	:19/06/2000
(87) International Publication No	:WO/2000/078805
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)COOPER, Garth, James, Smith
2)BUCHANAN, Christina, Maree

No of Pages : 41

No of Claims : 43

(57) Abstract :

The present invention relates to a bioactive peptide, the amino acid sequence of which is as follows: Asp Val Ser Thr R1 R2 R3 Val Leu Pro Asp Phe Pro Arg Tyr Pro Val Gly Lys Phe Phe R5 R6 Asp Thr Trp R7 Gln Ser R8 R9 Arg Leu wherein: R1 is Ser or: Pro; R2 is Gln or Pro; R3 is Ala or Thr; R4 is Asp or Asn; R5 is Gln or Lys; R6 is Tyr or Phe; R7 is Arg or Lys; R8 is Ala or Thr; and R9 is Gly or Gln, [SEQ ID NO.1] or an analog thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1748/CHE A

(19) INDIA

(22) Date of filing of Application :12/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A DRILLING SYSTEM

(51) International classification	:E21B 21/08
(31) Priority Document No	:99304885.9
(32) Priority Date	:22/06/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP00/05686
Filing Date	:19/06/2000
(87) International Publication No	:WO/00/79092
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)BEST, Bruno

No of Pages : 13

No of Claims : 12

(57) Abstract :

A drilling system for drilling a borehole into an earth formation is provided. The drilling system comprises a drill string extending into the borehole whereby an annular space is formed between the drill string and the borehole wall, the annular space containing a body of fluid , the drill string including a longitudinal fluid passage having an outlet opening at the lower end part of the drill string, pumping means for selectively pumping drilling fluid via said passage and outlet opening into the body of fluid, and a fluid discharge conduit for discharging fluid from the body of fluid; wherein the drilling system further comprises pressure control means for controlling the fluid pressure in the body of fluid when the pumping means is inoperative to pump drilling fluid into the body of fluid.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1756/CHE A

(19) INDIA

(22) Date of filing of Application :12/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD OF DETECTING REACTION AND AN ASSAY SYSTEM AND A KIT FOR THE SAME

(51) International classification	:G01N 33/542
(31) Priority Document No	:09/316,447
(32) Priority Date	:21/05/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/13293
Filing Date	:11/05/2000
(87) International Publication No	:WO/00/72016
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)NIKIFOROV, Theo, T.

No of Pages : 50

No of Claims : 39

(57) Abstract :

The present invention relates to a method of detecting a reaction, comprising: providing a first reagent mixture which comprises a first reagent having a fluorescent label; adding a second reagent to the first reagent mixture to produce a second reagent mixture, the second reagent reacting with the fluorescently labeled first reagent to produce a fluorescently labeled product having a different charge than the first reagent; adding a polyion to at least one of the first and second reagent mixtures, wherein the polyion preferentially associates with either the first reagent or the product by virtue of their different charges; directing polarized excitation light at the second reagent mixture, wherein association with the polyion changes a fluorescently labeled compound's ability to depolarize emitted fluorescence; and comparing a fluorescent polarization level in the second reagent mixture relative to the first reagent mixture to measure an amount of product produced or first reagent consumed by the reaction.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1757/CHE A

(19) INDIA

(22) Date of filing of Application :12/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : GEAR-WHEEL PUMP, IN PARTICULAR FOR A HIGH-PRESSURE FUEL PUMP

(51) International classification	:F04C 15/00
(31) Priority Document No	:10018348.4
(32) Priority Date	:13/04/2000
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE01/01146
Filing Date	:24/03/2001
(87) International Publication No	:WO/01/79699
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)BOEHLAND, Peter

2)REITSAM, Robert

No of Pages : 11

No of Claims : 10

(57) Abstract :

In a gear pump having a housing (18), two gear wheels (14, 16) which are arranged in the housing and engage with one another, and at least one groove (22) which is formed in the housing on the delivery side of the gear pump, cavitation damage at high rotational speed is to be avoided. For this purpose, it is provided that the groove has a first section (24) which extends starting from the delivery side and in which the base of the groove (22) is at a small distance from the tips of the teeth (20) of the gear wheel, and a second section (26) which adjoins the first section and in which the base of the groove (22) is at a maximum distance from the tips of the teeth, which distance is greater than the distance in the first section, the first section extending over a smaller angular range (α) than the second section and the groove extending in total over an angular range (α, β) which is somewhat greater than the angular distance between two teeth (20).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1771/CHE A

(19) INDIA

(22) Date of filing of Application :14/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD AND AN APPARATUS FOR CONVEYING A NON-FREE FLOWING PASTE

(51) International classification	:B65G 53/12
(31) Priority Document No	:9913909.9
(32) Priority Date	:16/06/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB00/02158
Filing Date	:14/06/2000
(87) International Publication No	:WO/2000/076889
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SNOWDON, Brian

No of Pages : 15

No of Claims : 18

(57) Abstract :

The present invention relates to a method and an apparatus for conveying a non-free flowing paste comprising loading the paste into a vessel (5, 11) and applying a compressed gas to the vessel (5, 11) to cause the material to flow out of the vessel (5) characterized in that the vessel (5, 11) has a conical hopper portion (15, 87) which, at least during discharge of the material, forms the lower section of the vessel (5, 11) and the cone angle is below a critical value required to achieve mass flow.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1774/CHE A

(19) INDIA

(22) Date of filing of Application :18/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A HELICAL SHIELDED TWISTED PAIR DATA CABLE

(51) International classification	:H01B 7/00
(31) Priority Document No	:60/139,927
(32) Priority Date	:18/06/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/16420
Filing Date	:14/06/2000
(87) International Publication No	:WO/00/79545
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GAREIS, Galen, M.

No of Pages : 15

No of Claims : 17

(57) Abstract :

An improved high performance twisted pair data cable that has an impedance standard deviation of less than 3.5 when the standard deviation is calculated around an average impedance of 50 to 200 ohms and preferably 90 to 110 ohms. The twisted pair is helically wrapped with a metal shield tape at a tension that provides a cross-sectional void of less than 25 % and preferably less than 18 % of the cross-sectional area of the shielded twisted pair cable. The tape is helically wrapped with an overlap of 30-45 % and at an angle of 35-45 degrees with respect to the longitudinal axis of the cable. The cable has a rating up to 600 MHz

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1775/CHE A

(19) INDIA

(22) Date of filing of Application :18/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD FOR SEPARATING A LACTOSE -CONTAINING HIGH-MOLECULAR WEIGHT COMPOUND

(51) International classification	:C07D 498/16
(31) Priority Document No	: 11/145103
(32) Priority Date	:25/05/1999
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2000/003251
Filing Date	:19/05/2000
(87) International Publication No	:WO/2000/071546
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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2)Keiji HONDA
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4)Norihiro HASHIMOTO
5)Hiroshi HATANAKA
6)Michio YAMASHITA

No of Pages : 12

No of Claims : 10

(57) Abstract :

The present invention relates to a method for separating a lactone-containing high-molecular weight compound having an alkyl group as its side chain from a lactone-containing high-molecular weight compound having an alkenyl group as its side chain, the lactone-containing high-molecular weight compounds having a common basic chemical structure, with use of a sulfonic acid group-containing strong cation exchange resin pretreated with silver ions.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1782/CHE A

(19) INDIA

(22) Date of filing of Application :19/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A REACTION PRODUCT

(51) International classification	:C08F 8/30
(31) Priority Document No	:19928236.6
(32) Priority Date	:21/06/1999
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP00/05754
Filing Date	:21/06/2000
(87) International Publication No	:WO
	2000/078825
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GOTTSCHALL, Klaus

No of Pages : 38

No of Claims : 3

(57) Abstract :

The present invention relates to a process for the preparation of a reaction product by reaction of at least one functional group of a first low-molecular weight compound having at least two functional groups, with at least one functional group of at least one further, second low-molecular weight compound having at least two functional groups, and which can be identical to the first or different from the first low-molecular weight compound, characterized in that at least one of the functional groups involved in this reaction has been activated before the reaction by reaction with a compound of the following structure (I) Where R' is a halogen atom or a radical (I') and where R1, R2, R1' and R2' are identical or different and are hydrogen atoms, straight-chain or branch-chain alkyl, aryl, cycloalkyl, hetero-cyclic or aralkyl having radicals having up to 30 C atoms, or either R1 and R2 and R1' and R2' are linked to give a carbocycle or a heterocycle.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1793/CHE A

(19) INDIA

(22) Date of filing of Application :20/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A MULTILAYER FILM

(51) International classification	:B23B 27/32
(31) Priority Document No	:00201022.1
(32) Priority Date	:22/03/2000
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:
Filing Date	PCT/EP01/02858
(87) International Publication No	:WO/01/70500
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)JOLY, Anne-Marie
2)BECCARINI, Enrico

No of Pages : 16

No of Claims : 14

(57) Abstract :

The invention relates to a multilayer film wherein the skin layers A essential 1 y consist of a polyolefin selected from: A 1) a composition containing i) 25-45% by weight of a random copolymer of propylene and ethylene having 2-5% by weight of ethylene units, and ii) 55-75% by weight of a random terpolymer of propylene, ethylene and one or more C4-C10 alphaolefins having 2-5% by weight of ethylene units and 6-12% by weight of alphaolefin units; A2) a random copolymer of propylene and one or more C4-C10 alphaolefins or a blend of random copolymers of propylene and one or more C4-C10 alphaolefins with different composition, said copolymer or blend of copolymers containing 4-14% by weight of alphaolefin units; said polyolefin having a xylene-insoluble fraction greater than 85% by weight, a maximum melting peak at temperatures above 130°C and a crystallinity such that at 90°C the percentage of material melted is greater than 15% by weight, and a core layer B essentially consists of a heterophasic composition comprising: a) 30-40% by weight of a propylene crystalline copolymer with ethylene containing at least 90% by weight of propylene units; b) 60-70% by weight of an ethylene copolymer with propylene containing 25- 60% by weight of ethylene units and completely soluble in xylene at 25°C.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1798/CHE A

(19) INDIA

(22) Date of filing of Application :21/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD FOR RECOVERING METALLIC CHROMIUM FROM SLAG WHICH CONTAIN CHROMIUM OXIDE

(51) International classification	:C21C 7/068
(31) Priority Document No	:199 29 551.4
(32) Priority Date	:23/06/1999
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE00/02030
Filing Date	:23/06/2000
(87) International Publication No	:WO/0079014
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)REICHEL, Jan

No of Pages : 9

No of Claims : 4

(57) Abstract :

The invention relates to a method for recovering metallic chromium from slag containing chromium oxide, from converter processes such as AOD, MRP, AOD-L, MRP-L, CLU, ASM, Conarc stainless steel or vacuum processes such as VOD, SS-VOD, RH and RH with lance. The slag produced at the end of a blasting or treatment process in a converter or a vacuum installation is tapped or drawn off unreduced. This slag is then charged into an electric furnace, which is also charged with a usual charge consisting of scrap and optionally, residual dust. Carbon and optionally, silicon are added. During the melting process, the chromium oxide contained in the slag is directly reduced to metallic chromium by the carbon and the silicon.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/182/CHE A

(19) INDIA

(22) Date of filing of Application :07/02/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD AND SYSTEM FOR PERFORMING MOBILE NODE REGISTRATION

(51) International classification	:H04L 29/28
(31) Priority Document No	:09/130,590
(32) Priority Date	:07/08/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/17834
Filing Date	:06/08/1999
(87) International Publication No	:WO/00/08822
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)LIOY, Marcello

No of Pages : 25

No of Claims : 10

(57) Abstract :

A system and method for performing mobile node registration. The system comprises a terminal device (102) for transmitting packetized data, and a wireless communication device (104) coupled to said terminal device for monitoring said packetized data for an Internet Protocol (IP) address contained in an IP address request. The wireless communication device (104) initiates mobile node registration (512) using said IP address if said IP address request is for a static IP address. The wireless communication device prevents (417) the terminal device from sending or receiving packetized data when initiating mobile node registration, and allows said terminal device to send and received packetized data upon completion of mobile node registration. As a result, the mobile node registration occurs transparently to the terminal device, obviating the need for the terminal device to have its own Mobile IP support.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1832/CHE A

(19) INDIA

(22) Date of filing of Application :28/12/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A POLYETHYLENE MOLDING MATERIAL

(51) International classification	:C08L 23/04
(31) Priority Document No	:19929812.2
(32) Priority Date	:30/06/1999
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP00/05651
Filing Date	:20/06/2000
(87) International Publication No	:WO/2001/002480
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)BERTHOLD, Joachim
3)ENDERLE, Johannes-Friedrich
4)DAMM, Elke
5)SCHULTE, Ulrich

No of Pages : 15

No of Claims : 4

(57) Abstract :

The invention relates to a polyethylene molding material and to a pipe produced therewith having a bimodal molecular weight distribution which has an overall density of > 0.948 g/cm³ and a melt flow index MFI_{190/5} of < 0.2 dg/min. It comprises an amount of from 35 to 65% by weight of low-molecular-weight ethylene homopolymer A which has a viscosity number VNA in the range from 40 to 90 cm³/g, a melt flow index MFI_{190/2.16} A in the range from 40 to 2000 dg/min and a density dA of >0.965 g/cm³, and an amount of from 35 to 65% by weight of high-molecular-weight ethylene copolymer B, which has a viscosity number VNB in the range from 500 to 2000 cm³/g, a melt flow index MFI_{190/5} B in the range from 0.02 to 0.2 dg/min and a density dB in the range from 0.922 to 0.944 g/cm³. The fraction of the molding " material according to the invention obtained during a preparative TREF analysis at a temperature of 78°C :f: 3 K using p-xylene has an average molecular weight of > 200,000 g/mol.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/185/CHE A

(19) INDIA

(22) Date of filing of Application :07/02/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD AND A DEVICE FOR GUIDING AND SUPPORTING A THIN SHEET METAL OR METAL STRIP

(51) International classification	:B23D 25/12
(31) Priority Document No	:19832925.3
(32) Priority Date	:22/07/1998
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP99/05116
Filing Date	:17/07/1999
(87) International Publication No	:WO/2000/005020
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)MUNKER, Jochen
3)GRAFE, Horst
4)SEIDEL, Jürgen

No of Pages : 17

No of Claims : 11

(57) Abstract :

The invention relates to a method and a device for guiding and supporting a comparatively thin sheet or metal strip (1) during transport over a conveying device (10) such as a rolling table and/or during, before or after a cutting process taking place when passing through shears (3). The invention is characterized in that the sheet or metal strip (1) at least on its lower side (1') is subjected to high-energy beams (2, 2') of a liquid or gaseous medium emitted by jet nozzles (5, 5') and thus supported and guided by pulse energy.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/192/CHE A

(19) INDIA

(22) Date of filing of Application :09/02/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD FOR REDUCING SEARCH TIME AND A SATELLITE POSITIONING SYSTEM

(51) International classification	:G01S 5/14
(31) Priority Document No	:09/132,556
(32) Priority Date	:11/08/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/16111
Filing Date	:15/07/1999
(87) International Publication No	: WO/00/36431
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)KRASNER, Norman, F

No of Pages : 50

No of Claims : 90

(57) Abstract :

A method and an apparatus which acquire satellite positioning system (SPS) signals in an SPS receiver. Information on time of day, approximate receiver location, and satellite positions are used to reduce the time to search and acquire signals from one or more SPS satellites. In an example of a method of the invention, a first pseudorange to a first SPS satellite is determined, and an approximate location of the SPS receiver is determined. An estimated pseudorange for a second pseudorange to a second SPS satellite is determined from the approximate location and a satellite position of the second SPS satellite. The SPS receiver then searches for SPS signals from the second SPS satellite in a range determined by the estimated pseudorange. Typically, this method reduces the search time to initially acquire SPS signals from the second SPS satellite, and the estimated pseudorange is not based on a previously determined pseudorange for said second SPS satellite. In a particular example of the invention, the approximate location is determined from a cell based information source which correlates an identification of each of various wireless cell sites with an approximate location for objects within a cell of a wireless cell based communication system, such as a cellular (or cell based) telephone system. In other examples of the invention, relatively precise time of day information may be used with information indicating satellite positions and information indicating the approximate location to determine an estimated pseudorange for a first SPS satellite to be acquired.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/2/CHE A

(19) INDIA

(22) Date of filing of Application :01/01/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PROCESS FOR EFFECTING A COUPLING BETWEEN A PLASTIC MATERIAL AND A METAL SURFACE

(51) International classification	:C08J 5/12
(31) Priority Document No	:99201014.0
(32) Priority Date	:02/04/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP00/02196
Filing Date	:13/03/2000
(87) International Publication No	:WO/2000/059990
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)RIGOSI, Gian, Luigi

No of Pages : 10

No of Claims : 6

(57) Abstract :

A process for effecting a coupling between a plastic material and a metal surface comprising the steps of applying a powder of a adhesive polymer composition to the metal surface; then overmoulding the metal surface with a plastic material by injection moulding; and finally applying heat to the metal surface.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/213/CHE A

(19) INDIA

(22) Date of filing of Application :14/02/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A MOUNTING PLATE

(51) International classification	:B60S 1/32
(31) Priority Document No	:199 27 067.8
(32) Priority Date	:15/06/1999
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE00/01722
Filing Date	:26/05/2000
(87) International Publication No	:WO/2000/076816
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)ZIMMER, Joachim

No of Pages : 15

No of Claims : 15

(57) Abstract :

A mounting plate is provided, having a receptacle for a wiper drive and having bearing points for wiper bearings as well as fastening points for installation in a vehicle, wherein the mounting plate comprises at least two components, including one half-shell-like bent sheet-metal part connected by injection molding to a plastic body that braces the bent sheet-metal part on the inside.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/224/CHE A

(19) INDIA

(22) Date of filing of Application :16/02/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : AN ENERGY METER FOR MEASURING A QUANTITY OF ENERGY SUPPLIED IN THE FORM OF GAS AND A METHOD OF MEASURING A QUANTITY OF ENERGY.

(51) International classification	:G01N 33/22
(31) Priority Document No	:9818388.2
(32) Priority Date	:25/08/1998
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB99/02714
Filing Date	:20/08/1999
(87) International Publication No	:WO 00/11465
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)THURSTON, Robert, Richard
2)HAMMOND, Paul, Steven
3)PRICE, Barry, Leonard

No of Pages : 23

No of Claims : 16

(57) Abstract :

An energy meter comprises means to measure a volume of gas supplied, means to measure a calorific value of the gas supplied and means to calculate an energy value corresponding to the measured volume of gas supplied and the calorific value. The means to measure the volume of gas supplied and the means to calculate an energy value are preferably provided in a single unit. The means to measure the calorific value of the gas supplied preferably includes means to measure the speed of sound in the gas and further preferably includes means to measure a first thermal conductivity of the gas at a first temperature and means to measure a second thermal conductivity of the gas at a second temperature which differs from the first temperature and is arranged to produce the calorific value of the gas corresponding to the measured speed of sound and the first and second thermal conductivities.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/228/CHE A

(19) INDIA

(22) Date of filing of Application :16/02/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : INJECTION-ASSISTING PROBE FOR MEDICAL INJECTOR ASSEMBLY

(51) International classification	:A61M 5/30
(31) Priority Document No	:60/094,167
(32) Priority Date	:27/07/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/16863
Filing Date	:26/07/1999
(87) International Publication No	:WO/2000/006228
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)SADOWSKI, Peter, L
3)LESCH, Paul, R., Jr.
4)BERMAN, Claude, L
5)GIAMBATTISTA, Lucio

No of Pages : 15

No of Claims : 16

(57) Abstract :

The invention relates to an injection device having a nozzle assembly, wherein said injection device has a housing, a trigger assembly, and an energy generating source operatively associated with the trigger assembly so that movement of the trigger assembly activates the energy source to move a plunger in a first direction, said nozzle assembly characterized in that said nozzle assembly comprises: a fluid chamber for loading fluid; and a nozzle discharge channel in fluid communication with an end of the fluid chamber and having an orifice through which fluid is expelled when the plunger is moved in the first direction, wherein a ratio of discharge channel length to orifice diameter is greater than 6.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/229/CHE A

(19) INDIA

(22) Date of filing of Application :16/02/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A TRANSMISSION METHOD IN A COMMUNICATIONS SYSTEM

(51) International classification	:H04J 11/00
(31) Priority Document No	:09/136,107
(32) Priority Date	:18/08/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/18814
Filing Date	:17/08/1999
(87) International Publication No	:WO/2000/011825
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SHANBHAG, Abhijit, G.

No of Pages : 16

No of Claims : 15

(57) Abstract :

A transmission method in a communications system having orthogonal code vectors (10) for transmitting message signals. The method includes forming a first vector matrix using a first series of cyclic shifts and forming a second vector matrix using a second series of cyclic shifts. The first vector matrix is permuted to provide an orthogonal code and the permuting operations are determined. The method also sets forth applying the determined permuting operations to the second matrix to provide a quasi orthogonal code vector (50). The quasi orthogonal code vector (50) is applied to a message signal to provide an encoded message signal and the encoded message signal is transmitted. The forming of the first matrix vector includes cyclic shifts of a sequence having a characteristic polynomial.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/26/CHE A

(19) INDIA

(22) Date of filing of Application :05/01/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A RADIO COMMUNICATION SYSTEM

(51) International classification	:H04Q 7/38
(31) Priority Document No	:9910449.9
(32) Priority Date	:07/05/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP00/03767
Filing Date	:18/04/2000
(87) International Publication No	:WO/2000/069203
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MOULSLEY, Timothy, J.

No of Pages : 11

No of Claims : 4

(57) Abstract :

The invention relates to a radio communication system in which secondary stations (110) can request services from a primary station (100) using a random access channel employing a time division multiple access protocol. An access request comprises an access packet (200) having a predetermined maximum data capacity. If a secondary station requires to transmit an access request including more payload data (202, 206) than can be accommodated in a single access packet the data is subdivided into a plurality of parts each of which is transmitted in a separate access packet. The primary station combines the data from the plurality of access packets (200) forming the access request, and issues an acknowledgement to the secondary station.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/266/CHE A

(19) INDIA

(22) Date of filing of Application :26/02/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD FOR CONEYING PACKET DATA BETWEEN A MOBILE STATION AND A GSM NET WORK

(51) International classification :H04Q 7/30
(31) Priority Document No :09/141266
(32) Priority Date :27/08/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/19809
Filing Date :27/08/1999
(87) International Publication No :WO/2000/013441
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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4)LEVY, Atai.

5)SHINDELMAN, Dror.

6)NIZRI, Shlomo;

7)KOLOR, Sergio.

No of Pages : 19

No of Claims : 13

(57) Abstract :

A method for conveying packet data from a CDMA mobile station (40) to a GSM network (22), including communicating with a GSM service node to establish a data link from the mobile station (40) to the network (22) via a radio communications base station (32). The packet data are conveyed between the mobile station (40) and the base station (32) over a CDMA air interface and are then transferred over the link between the base station (32) and the network (22).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/268/CHE A

(19) INDIA

(22) Date of filing of Application :26/02/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD AND SYSTEM FOR RANDOM ACCESS OF A RADIO CHANNEL

(51) International classification	:H04L 12/56
(31) Priority Document No	:9914926.2
(32) Priority Date	:26/06/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP00/05506
Filing Date	:15/06/2000
(87) International Publication No	:WO/01/01641
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)MOULSLEY, Timothy, J.

No of Pages : 16

No of Claims : 10

(57) Abstract :

The invention relates to a radio communication system having a random access packet channel for the transmission of data packets from a secondary station to a primary station. Such a channel is intended for use by secondary stations having packets of data to transmit to a primary station while not actually engaged in a call. A secondary station wishing to transmit data packets engages in two contention resolution phases with the primary station. This addresses the problem with prior art systems that there is a significant chance of two secondary stations believing that they have been granted access to the channel, the resultant collisions leading to a significant reduction in system capacity.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/273/CHE A

(19) INDIA

(22) Date of filing of Application :27/02/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : AN ACTUATOR ASSEMBLY AND A HAZARD SUPPRESSION APPARATUS

(51) International classification	:A62C 37/11
(31) Priority Document No	:09/126,501
(32) Priority Date	:30/07/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/16021
Filing Date	:14/07/1999
(87) International Publication No	:WO/2000/006255
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)STILWELL, Bradford, T.
2)SHAW, Bon, F.

No of Pages : 11

No of Claims : 16

(57) Abstract :

Hazard suppression apparatus (10) is provided with a container (12) of suppression fluid and a non-explosive, pressurized gas-operated actuator assembly (16). The assembly (16) includes an actuator body (32) and first and second spaced apart rupture discs (36, 38) defining a zone (43) therebetween; the first disc (36) is preferably of bulged, scored configuration, whereas the second disc (38) is flat and has a series of vent openings (52) therethrough. A perforate, bar-type support (34) is positioned adjacent the second disc (38) and remote from the zone (43). A container (18) of high pressure actuating fluid is operatively coupled to the body (32) via a coupling unit (56) having an elongated, tubular nipple (58) equipped with a third rupture disc (62). A valve (70), adapted for connection with a hazard sensor is interposed between the container (18) and the coupling unit (56). In use, when a hazard is detected the solenoid valve (70) opens and a charge of high pressure actuating gas is delivered to the interdisc zone (43) by rupture of the third disc (62). This causes rapid rupture of the first disc (36) while the support (34) prevents premature opening of the second disc (36). After the first disc (36) ruptures, the pressure differential across second disc (38) causes it to rupture, thereby venting the contents of container (12) to the protected area.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/274/CHE A

(19) INDIA

(22) Date of filing of Application :27/02/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD AND A RECORDING APPARTUS FOR RECORDING AN ENCODED BIT STREAM

(51) International classification	:G11B 27/034
(31) Priority Document No	:99202106.3
(32) Priority Date	:29/06/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP00/05891
Filing Date	:23/06/2000
(87) International Publication No	: WO/2001/001416
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)DE HAAN, Wiebe.

No of Pages : 14

No of Claims : 12

(57) Abstract :

A method of recording an encoded bit stream, said encoded bit stream representing a plurality of video objects comprising a sequence of cells together constituting a part of an MPEG2 Program Stream, on a disc like record carrier, such as an optical disc. The method comprises recording multiple series of contiguously arranged video objects constituting multiple video object sets on said disc with corresponding multiple management information comprising attribute information of the corresponding video object set. The management information constituting with a video object set a plyable video title. The multiple video object sets are combined into a single combined video object set and the multiple management information is preceding said combined video object set.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/275/CHE A

(19) INDIA

(22) Date of filing of Application :28/02/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A COLLAPSIBLE DISPENDING CONTAINER IN THE FROM OF TUBE

(51) International classification	:B65D 35/10
(31) Priority Document No	:09/144,713
(32) Priority Date	:01/09/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/19854
Filing Date	:30/08/1999
(87) International Publication No	:WO/2000/012309
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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6)JONES, Gregory, K

7)SEEKE, Gregory, J

8)DEMBOWSKI, Ronald, J.

9)JACKSON, Douglas, J.

No of Pages : 49

No of Claims : 69

(57) Abstract :

The present invention relates to a collapsible dispensing container in the form of a tube, which comprises a head having a dispensing orifice and a shoulder, and a body wall joined directly to the head by a layer comprised of a first ethylene polymer, the head being comprised of a blend of a propylene polymer and a second ethylene polymer formed by the polymerization reaction with a single site catalyst.

(54) Title of the invention : A METHOD OF REPRESENTING AN OBJECT

(51) International classification	:G06T 7/00	(71)Name of Applicant :
(31) Priority Document No	:UK 9915698.6	1)MITSUBISHI DENKI KABUSHIKI KAISHA
(32) Priority Date	:05/07/1999	Address of Applicant :2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo
(33) Name of priority country	:U.K.	100-8310 Japan
(86) International Application No	:PCT/JP00/04400	(72)Name of Inventor :
Filing Date	:03/07/2000	1)BOBER, Miroslaw, Z.
(87) International Publication No	:WO/2001/003068	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 9

(57) Abstract :

A method of representing an object appearing in a still or video image, by processing signals corresponding to the image, comprises deriving a plurality of numerical values associated with features appearing on the outline of an object starting from an arbitrary point on the outline and applying a predetermined ordering to said values to arrive at a representation of the outline.

(54) Title of the invention : HIGH RESOLUTION POSITION LOCATION

(51) International classification	:G01S 5/10	(71)Name of Applicant :
(31) Priority Document No	:09/150,407	1)QUALCOMM INCORPORATED
(32) Priority Date	:09/09/1998	Address of Applicant :5775 Morehouse Drive San Diego, CA 92121-1714
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US99/20342	(72)Name of Inventor :
Filing Date	:02/09/1999	1)GLAZKO, Serguei, A
(87) International Publication No	:WO/00/14563	2)SIH, Gilbert, C.
(61) Patent of Addition to Application Number	:NA	3)ZOU, Qiuzhen
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 12

(57) Abstract :

The present invention is a novel and improved method and apparatus for performing position location in wireless communications system. One embodiment of the invention comprises a method for performing position location including the steps of receiving a set of higher resolution sample data at a resolution interval, accumulating said higher resolution sample data over a chip interval yielding accumulation sums, and correlating said accumulation sums with a correlation code at a set of offsets which are separated by said resolution interval.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/306/CHE A

(19) INDIA

(22) Date of filing of Application :07/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A THREADED CONNECTION FOR TWO METAL PIPES

(51) International classification	:F16L 15/06
(31) Priority Document No	:98/11278
(32) Priority Date	:07/09/1998
(33) Name of priority country	:France
(86) International Application No	:PCT/FR99/02085
Filing Date	:02/09/1999
(87) International Publication No	:WO/2000/014442
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)NOEL, Thierry

2)VARENNE, Emmanuel

No of Pages : 29

No of Claims : 20

(57) Abstract :

A threaded connection for two metal pipes including a male element at the end of a first pipe and a female element at the end of a second pipe, the male element including a male external thread, the female element including a female internal thread. The male and female threads are screwed one into the other. At least one of the male or female threads includes a groove formed in the thread and opening either into a flanking flank or into a crest of the thread or straddling the flanking flank and the thread crest. The groove is disposed in the thread so as to increase the flexibility of the portion of the thread which comes into pressure contact with the mating thread or to reduce the contact surfaces or to affect the two aspects at the same time.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/307/CHE A

(19) INDIA

(22) Date of filing of Application :07/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : THREADED CONNECTION FOR TWO METAL PIPES WITH A HIGH MAKE UP TORQUE

(51) International classification	:F16L 15/06
(31) Priority Document No	:98/11278
(32) Priority Date	:07/09/1998
(33) Name of priority country	:France
(86) International Application No	:PCT/FR1999/02084
Filing Date	:02/09/1999
(87) International Publication No	:WO 2000/014441
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 25

No of Claims : 15

(57) Abstract :

A threaded connection for two metal pipes which includes a tapered male thread with trapezoidal threads on a female element. The thread width of the male and female threads, at the thread crest, is less than the thread width at the thread root. The width of the thread crests is larger than the width of a space between the roots of the mating threads. The male and female elements are screwed to a position located beyond that of the female threads. Such a connection permits makeup with a very high torque. The threads of one and/or the other of the threads can optionally include a groove opening into the thread crest.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/316/CHE A

(19) INDIA

(22) Date of filing of Application :08/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD FOR PERFORMING POSITION LOCATION A SUBSCRIBER UNIT IN A CDMA WIRELESS COMMUNICATION SYSTEM

(51) International classification	:G01S 5/14
(31) Priority Document No	:09/150,075
(32) Priority Date	:09/09/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/20343
Filing Date	:02/09/1999
(87) International Publication No	:WO/00/14570
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)ZOU, Qiuzhen
2)SIH, Gilbert, C
3)EDMONSTON, Brian, S.

No of Pages : 21

No of Claims : 8

(57) Abstract :

The present invention is a novel and improved method and apparatus for performing position location in wireless communications system. In one embodiment the invention comprises a method for performing position location in a subscriber unit in a CDMA wireless communications system having a base station, including the step of receiving a position location request during a communication, entering a position location mode, transmitting frames to the base station while performing a position location procedure, and returning to communications mode when said position location procedure has been completed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/318/CHE A

(19) INDIA

(22) Date of filing of Application :08/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD FOR INCREASING THE SENSIVITY OF A RECEIVER AND A MOBILE UNIT

(51) International classification	:G01S 5/14
(31) Priority Document No	:09/150,410
(32) Priority Date	:09/09/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/20372
Filing Date	:03/09/1999
(87) International Publication No	:WO/2000/014571
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)SIH, Gilbert, C.
3)KANG, Inyup;

No of Pages : 22

No of Claims : 8

(57) Abstract :

The present invention is a novel and improved method and apparatus for performing position location in wireless communications system. A method for performing position location on a subscriber unit in a terrestrial wireless telephone system using a set of satellites each transmitting a signal, the terrestrial wireless telephone system having base stations (12), including the steps of transmitting an aiding message from the base station (12) to the subscriber unit, said aiding message containing information regarding a data boundary for each signal from the set of satellites, applying correlation codes to each signal yielding corresponding correlation data and accumulating said correlation data over a first interval preceding a corresponding data boundary yielding a first accumulation result, and a second interval following said corresponding data boundary yielding a second accumulation result.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/345/CHE A

(19) INDIA

(22) Date of filing of Application :13/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PIPE COUPLING

(51) International classification	:F16L 19/03
(31) Priority Document No	:125899
(32) Priority Date	:24/08/1998
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL99/00445
Filing Date	:18/08/1999
(87) International Publication No	:WO/2000/011389
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)KATZ, Oded

No of Pages : 16

No of Claims : 12

(57) Abstract :

A pipe coupling includes a body member (10) formed with a bore (11) for receiving one end of a pipe (P) to be coupled; a sealing ring (20) and a compression sleeve (30) receivable within the bore (11); a radially-deformable gripping ring (40) having one end abutable against the compression sleeve (30); a securing nut (50) threaded on the body member (10) and engageable with the gripping ring (40) to move the gripping ring (40) axially and to effect a sealing action via the compression sleeve (30) and the sealing ring (20), and also to compress the gripping ring (40) radially to effect a gripping action of the pipe (P) received in the bore (11); and an axially-extending limit element (45) between the gripping ring (40) and the body member (10) effective to cause the nut (50), when tightened: (a) in an initial stage, to move the gripping ring (40) and the compression sleeve (30) until the limit element (45) prevents further axial movement of the gripping ring (40); and (b) in a final stage, to radially deform the gripping ring (40) to produce the gripping action, and then to compress the sealing ring (20) against the internal annular shoulder (14) of the body member to produce the sealing action.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/347/CHE A

(19) INDIA

(22) Date of filing of Application :13/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : N-ALKYLASPARTYL DIPEPTIDE ESTER DERIVATIVES AND SWEETENING AGENT

(51) International classification	:C07K 5/075
(31) Priority Document No	:10/264252
(32) Priority Date	:18/09/1998
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP99/04977
Filing Date	:10/09/1999
(87) International Publication No	:WO/00/17230
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)YUZAWA, Kazuko
3)TAKEMOTO, Tadashi
4)NAKAMURA, Ryoichiro

No of Pages : 57

No of Claims : 30

(57) Abstract :

The present invention relates to a Novel N-alkylaspartyl dipeptide ester derivative, such as N-[N-[3-(3-hydroxy-4-methoxyphenyl)-3-methylbutyl]-L- α aspartyl]-L- phenylalanine 1-methyl ester, including that in the salt form, which can be used as an excellent sweetening agent is provided. The novel derivative is low in calories and moreover is more excellent particularly in a sweetening potency in comparison with conventional sweetening agents, and therefore enables furnishment of a sweetening agent, food or the like product containing the derivative.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/357/CHE A

(19) INDIA

(22) Date of filing of Application :15/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A GREEN GLASS COMPOSITION

(51) International classification	:C03C 3/087
(31) Priority Document No	:9825272.9
(32) Priority Date	:18/11/1998
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB1999/003778
Filing Date	:12/11/1999
(87) International Publication No	:WO/2000/029344
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)Louise, Sara BUTCHER

No of Pages : 14

No of Claims : 24

(57) Abstract :

Accordingly the present invention relates to a green glass composition which contains at least 14.5% by weight Na₂O, at least 10.5% by weight CaO and at least 0.5% by weight total iron (measured as Fe₂O₃), the glass sheet being substantially I magnesium-free, and having a ferrous value of at least 30% and a performance (light transmission minus direct solar heat transmission) of at least 28% at least one thickness of from 2.8 mm to 5 mm.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/363/CHE A

(19) INDIA

(22) Date of filing of Application :15/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A CATALYST COMPONENTS FOR THE POLYMERIZATION OF OLEFINS AND A PROCESS FOR THE PREPARATION OF THE SAME

(51) International classification	:C08F 4/658
(31) Priority Document No	:99201969.5
(32) Priority Date	:18/06/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP00/05349
Filing Date	:08/06/2000
(87) International Publication No	:WO/00/78820
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)BRITA, Diego

No of Pages : 23

No of Claims : 34

(57) Abstract :

The present invention relates to a catalyst components for the polymerization of olefms $\text{CH}_2=\text{CHR VIII}$, wherein R VIII is hydrogen or hydrocarbon radical having 1-12 carbon atoms, comprising Ti, Mg, CI and optionally OR groups, and characterized by the following properties: -surface area, determined by BET method, of lower than 100 m²/g, -a total porosity, measured by the mercury method, of higher than 0.25 cm³/g and, -a pore radius distribution such that at least 45% of the total porosity is due to pores with radius up to 0.1 Åµm. The invention also relates to a process for the preparation of the catalyst components.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/387/CHE A

(19) INDIA

(22) Date of filing of Application :20/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD AND APPARATUS FOR CHECKING THE QUALITY OF SERVICE PROVIDED BY A CELLULAR TELEPHONE SYSTEM

(51) International classification	:H04Q 7/34
(31) Priority Document No	:09/157,906
(32) Priority Date	:21/09/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US1999/21435
Filing Date	:17/09/1999
(87) International Publication No	:WO 2000/018163
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)WEAVER, Lindsay,

No of Pages : 22

No of Claims : 22

(57) Abstract :

The present invention relates to a method for checking the quality of service provided by a base station (22) at a location remote from the base station (22), including transmitting signals between the base station (22) and a call transceiver (28) at the remote location, analyzing at least some of the signals at the remote location to formulate at least one parameter indicating the quality of the signals, and transmitting the at least one parameter from a control transceiver (26) at the remote location to the base station.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/398/CHE A

(19) INDIA

(22) Date of filing of Application :21/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : CONTINUOUS DOSING OF VERY FAST INITIATORS DURING POLYMERIZATION REACTIONS

(51) International classification	:C08F 14/06
(31) Priority Document No	:98203176.7
(32) Priority Date	:21/09/1998
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP99/06728
Filing Date	:10/09/1999
(87) International Publication No	:WO/2000/017245
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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3)SCHUT, Jacobus

No of Pages : 17

No of Claims : 7

(57) Abstract :

The present invention relates to a process to polymerize vinyl chloride monomer and optional further monomers using one or more organic peroxides, with at least part of the peroxide being dosed to the polymerization mixture at the reaction temperature, characterized in that essentially all of the organic peroxide used in the polymerization process has a half-life of from 0.05 hour to 1.0 hour at the polymerization temperature the vinylchloride based (co)polymer having less than 50 parts by weight of residual peroxide based on one million parts by weight of the (co)polymer, when measured immediately after polymerization and drying of the (co)polymer for 1 hour at 60Â°C

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/401/CHE A

(19) INDIA

(22) Date of filing of Application :21/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A COMMUNICATION SYSTEM AND A COMMUNICATION DEVICE

(51) International classification	:H04Q 11/04
(31) Priority Document No	:99202394.5
(32) Priority Date	:21/07/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP00/06624
Filing Date	:12/07/2000
(87) International Publication No	:WO/2001/008441
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)KUIJPERS, Henricus, J., C.

No of Pages : 9

No of Claims : 13

(57) Abstract :

The invention relates to a communication system comprising a broadband distribution network coupled to a first port of a communication device, and a telephone network coupled to a second port of the communication device, the communication device comprises control signal transmitting means for transmitting control message related to signals received from the broadband distribution network through the telephone network, characterized in that the communication system comprises access control means being arranged for controlling access to the telephone network by the control signal transmitting means and at least one telephone terminal.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/413/CHE A

(19) INDIA

(22) Date of filing of Application :23/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A TRANSMITTER AND A RECEIVER UTILIZING AN INTERMITTENT SEQUENCE OF MESSAGES TO MAINTAIN SYNCHRONISATION

(51) International classification	:H04Q 7/18
(31) Priority Document No	:9820861.4
(32) Priority Date	:24/09/1998
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP99/06879
Filing Date	:17/09/1999
(87) International Publication No	:WO/2000/018151
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)JOERESSEN, Olaf
3)SCHETELIG, Markus

No of Pages : 33

No of Claims : 51

(57) Abstract :

A transmitter, for transmitting an intermittent sequence of messages to maintain synchronisation between the transmitter and at least one receiver, comprising: control means arranged to provide messages for transmission, each of said messages forming part of said sequence of messages and comprising control information for effecting synchronisation, including timing information, wherein said timing information is dependent upon when the transmission of a following message in the sequence occurs; and transmission means, responsive to said control means, for transmitting each of said messages. A receiver, for synchronising with a sequence of transmitted messages each comprising control information including timing information, comprising: receiver and synchronisation means responsive, when enable, to the control information in a received message to indicate to the control means the reception of said message. The control means may enable power conservation by disabling said receiver and synchronisation means for a period of time dependent upon the timing information in said received message and enabling said receiver and synchronisation means to receive a following message in the sequence.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/420/CHE A

(19) INDIA

(22) Date of filing of Application :23/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PACKAGING DEVICE AND A METHOD FOR PACKAGING

(51) International classification	:B65D 85/57
(31) Priority Document No	:09/161,064
(32) Priority Date	:25/09/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US1999/021261
Filing Date	:23/09/1999
(87) International Publication No	:WO/2000/018663
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 29

No of Claims : 33

(57) Abstract :

The present invention relates to a packaging device and method for packing. a elongated packaging device (10) is provide for packaging at least one disc-shaped An item (42) such as, for example, a recording media disc such as a CD, a CD-ROM or a DVD, together with other materials (52) relating to such disc or otherwise stacked relationship. The packaging device includes an opening at one end thereof, and at least one internal lower it has at least one internal upper chamber (102) for receiving the disc-shaped item and other materials. chamber (104) for respectively receiving the (40) that is adapted to positively These chambers are divided by a support element A lid (14) is further provided retain the disc-shaped item within the upper chamber. device. A method is further for closing the opening at the end of the packaging DEVICE. A method is further provided for packaging such disc-shaped item and other material within the packaging device.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/444/CHE A

(19) INDIA

(22) Date of filing of Application :28/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD AND APPARATUS FOR SORTING THE FIBERS OF A FIBER STRUCTURE

(51) International classification	:D01G 9/10
(31) Priority Document No	:1766/98
(32) Priority Date	:28/08/1998
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/CH99/00385
Filing Date	:23/08/1999
(87) International Publication No	:WO/2000/012794
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)CLEMENT, Heinz

No of Pages : 34

No of Claims : 46

(57) Abstract :

A method for sorting the fibers of a fiber structure which is supplied to a fiber sorting device, characterized in that it comprises the steps of nipping the fiber structure transversally to its conveying direction in a definite distance from the effective end of the fiber strand; exposing the free end projecting beyond the clamping point with an air flow; extracting and removing from the free end, any non-nipped components such as short fibers, neps, dust etc.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/448/CHE A

(19) INDIA

(22) Date of filing of Application :28/03/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : THERAPEUTICAL MEDICAMENT

(51) International classification	:A61K 38/48
(31) Priority Document No	:98203280.7
(32) Priority Date	:29/09/1998
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP99/07405
Filing Date	:24/09/1999
(87) International Publication No	:WO/2000/018436
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 19

No of Claims : 1

(57) Abstract :

The present invention relates to Therapeutical composition for the treatment of ischemic stroke, comprising an amount of an

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/46/CHE A

(19) INDIA

(22) Date of filing of Application :10/01/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A STRUCTURE OPERABLE TO PUMP FLUID IN RESPONSE TO UNDERWATER FLUID FLOW AND AN APPARATUS COMPRISING THE STRUCTURE

(51) International classification	:F03B 17/06
(31) Priority Document No	:9812792.1
(32) Priority Date	:12/06/1998
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB99/01876
Filing Date	:14/06/1999
(87) International Publication No	:WO/99/66200
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)ROCHESTER, Geoffrey, Kenneth

No of Pages : 24

No of Claims : 18

(57) Abstract :

The present invention relates to a structure operable to pump fluid in response to underwater fluid flow, comprising at least one fluid directing formation formed to define a channel having a flow accelerating constriction shaped such that fluid in the channel is caused to accelerate as it flows through the flow accelerating constriction of the channel; and a conduit extending into said flow accelerating constriction and disposed to provide fluid communication between a portion of the channel having an accelerated fluid flow and a point exterior to the channel. The invention relates to an apparatus comprising the structure.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/470/CHE A

(19) INDIA

(22) Date of filing of Application :02/04/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A RADIO COMMUNICATION SYSTEM AND A METHOD OF OPERATING THE SAME

(51) International classification	:H04Q 7/38
(31) Priority Document No	:9918130.7
(32) Priority Date	:03/08/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP00/07192
Filing Date	:24/07/2000
(87) International Publication No	:WO/01/10158
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 14

No of Claims : 12

(57) Abstract :

A radio communication system has a random access channel for the transmission of data (214) from a secondary station to a primary station. Such a channel is intended for use by secondary stations having packets of data (214) to transmit to a primary station while not actually engaged in a call. A problem with known systems of this type is that a secondary station requesting access also specifies which of a plurality of channels it wishes to access. If that channel is busy access is denied, even if other suitable channels are available. In the present system the primary station transmits a random access channel availability (AV) message (302) once per frame to inform secondary stations about the resources currently available. Hence a secondary station can select a channel known to be free. If no channels are available the secondary station can avoid a wasted access attempt.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/494/CHE A

(19) INDIA

(22) Date of filing of Application :04/04/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : SWABBABLE NEEDLELESS LOW REFLUX INJECTION PORT SYSTEM

(51) International classification	:A61M 39/26
(31) Priority Document No	:09/166,559
(32) Priority Date	:05/10/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/22883
Filing Date	:01/10/1999
(87) International Publication No	:
	WO/2000/020070
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 34

No of Claims : 54

(57) Abstract :

A needleless IV injection port assembly includes a spiked body provided with a hollow spike, a female luer component, a flexible and resilient spike boot having a tip and spring portion, a centering member, and a resilient swabbable septum. The spike boot extends over the spike, the centering member is provided over a portion of the spike and spike boot, and the septum is provided between the centering member and an end of the female luer component. The spiked body and the female luer component are secured together to complete the assembly. The length of the female luer component and/or the length of the spike is chosen so that when a separate male luer is positioned over a protubearance on the septum and pushed into the female luer component, the male luer places pressure upon the septum which thereby urges the septum toward the spike. As the septum is further compressed, the septum extends over the spike, with a pre-slit hole in the septum facilitating the extension thereof, such that a hollow of the spike is in fluid communication with the male luer connector.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/500/CHE A

(19) INDIA

(22) Date of filing of Application :09/04/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : VIDEOPHONE DEVICE

(51) International classification	:H04N 7/14
(31) Priority Document No	:11-225542
(32) Priority Date	:09/08/1999
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2000/005313
Filing Date	:08/08/2000
(87) International Publication No	:WO/2001/011881
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 49

No of Claims : 12

(57) Abstract :

The invention relates to a video telephone apparatus comprising image pick-up means for picking up the image of an object and generating a transmit picture signal according to the image of the object, communication means for transmitting and receiving said transmit picture signal and a receive picture signal, and display means for displaying video information based on the receive picture signal received from said communication means characterized in that said video telephone apparatus comprises detector means for detecting the orientation of said video telephone apparatus and a rotating means for rotating the orientation of an image in at least either of said transmit picture signal and said receive picture signal based on the detected orientation of the video telephone apparatus and independent of the orientation of a distant party video telephone apparatus.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/938/CHE A

(19) INDIA

(22) Date of filing of Application :05/07/2001

(43) Publication Date : 20/04/2007

(54) Title of the invention : A PROCESS FOR PREPARING A POLYMER DISPERSION

(51) International classification	:C08G 18/28
(31) Priority Document No	:198 58 908.5
(32) Priority Date	:11/12/1998
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP99/09442
Filing Date	:03/12/1999
(87) International Publication No	:WO/00/35981
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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1)MAJOLO, Martin

2)KLAUCK, Wolfgang

3)KLEIN, Johann

4)SCHILLING, Gaby

5)LOTH, Helmut

6)ERNST, Wolfgang

No of Pages : 41

No of Claims : 6

(57) Abstract :

This invention relates to a process for preparing a polymer dispersion comprising water and a polyurethane by reacting (a) at least one polyisocyanate with (b) at least one polyol to give a polyurethane prepolymer containing terminal NCO groups, (c) subsequently reacting this prepolymer with at least one alkoxysilane of the general formula I $X-A-Si(Z)_n(OR)_{3-n}$ (I) (d) and thereafter transferring the alkoxysilane-terminated polyurethane prepolymer into the aqueous dispersion by addition of the desired amount of water.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/574/CHE A

(19) INDIA

(22) Date of filing of Application :19/04/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : CLOSURE, PARTICULARLY FOR BOTTLES OF TOP-QUALITY LIQUORS

(51) International classification	:B65D 41/34
(31) Priority Document No	:MU99A002006
(32) Priority Date	:27/09/1999
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IT2000/000357
Filing Date	:12/09/2000
(87) International Publication No	:WO/2001/023265
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)Piero BATTEGAZZORE

No of Pages : 13

No of Claims : 9

(57) Abstract :

A closure particularly for a bottle for a good-quality liquor which renders the difference between an intact bottle and a wrongfully opened bottle unusually clear, comprises a pourer body of predetermined axis fixed axially and angularly to the bottle ,a cap having a skirt screwed onto the pourer body, a sleeve in at least two portions extending around the bottle,and a tubular appendix forming an extension of the skirt of the cap and extending around the sleeve in order to keep the at least two portions juxtaposed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/713/CHE A

(19) INDIA

(22) Date of filing of Application :15/05/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : NON-AQUEOUS CONCENTRATED SPREADING OIL COMPOSITION

(51) International classification	:A01N 25/00
(31) Priority Document No	:09/442822
(32) Priority Date	:18/11/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP00/11334
Filing Date	:16/11/2000
(87) International Publication No	:WO/2001/035738
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)AVEN, Michael
2)HASUI, Hidaeki
3)MOTOYOSHI, Masatoshi

No of Pages : 25

No of Claims : 11

(57) Abstract :

The invention relates to a non-aqueous, stable concentrated single-phase spreading oil formulation for crop protection active compounds consisting of (a) one or more crop protection active compounds; (b) one or more plant oils; (c) one or more polar aprotic organic solvents; (d) optionally one or more methylated plant oils; and (e) optionally one or more conventional additives; wherein the sum of all ingredients in the formulation adds up to one liter. Furthermore, the invention relates to a method for combating rice diseases on paddy rice, said method comprises applying a spreading oil formulation as defined above wherein said crop protection active compounds (a) comprise at least one compound of formula I wherein R 1, R2, R3, Hal, n have the meanings given in claim 3 on the aquatic environment of said rice plants.

(54) Title of the invention : "A PATCH ADAPTED FOR TOPICAL APPLICATION TO SKIN"

(51) International classification	:A61F 13/00	(71)Name of Applicant :
(31) Priority Document No	:09/425 925	1)EPICEPT CORPORATION
(32) Priority Date	:25/10/1999	Address of Applicant :270 Sylvan Avenue Englewood Cliffs, NJ 07632
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2000/028775	(72)Name of Inventor :
Filing Date	:18/10/2000	1)CASSEL, R., Douglas;
(87) International Publication No	:WO/2001/030287	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 24

(57) Abstract :

The present invention relates to a patch adapted for topical application to the skin on or adjacent to an exterior surface of a surgically-cosed wound, wherein the patch comprises a pharmaceutically acceptable topical drug formulation comprising a therapeutically effective dose of a local anesthetic or a pharmaceutically acceptable salt thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/736/CHE A

(19) INDIA

(22) Date of filing of Application :20/05/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : A SMOKING ARTICLE COMPRISING A WRAPPER MATERIAL ENWRAPPING A TOBACCO SMOKING MATERIAL

(51) International classification	:A24D 1/02
(31) Priority Document No	:9928853.2
(32) Priority Date	:07/12/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2000/004522
Filing Date	:29/11/2000
(87) International Publication No	:WO/2001/041590
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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U.K.
(72)**Name of Inventor :**
1)BUSHBY, Alison
2)MCADAM, Kevin, Gerard
3)TIMMS, Nicholas, Leslie

No of Pages : 29

No of Claims : 33

(57) Abstract :

A smoking article comprising a wrapper material enwrapping a tobacco smoking material, the wrapper comprising ceramic filler, a binder, optionally a burn additive and optionally an ash improver, said particulate ceramic filler being present in the range of 50 to 95% by weight of the dry materials in the slurry producing the wrapper, characterised in that said ceramic filler is particulate ceramic filler of predefined shape such that, when mixed with the binder in the wrapper, the wrapper has a porous, selfsustaining structure.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/750/CHE A

(19) INDIA

(22) Date of filing of Application :21/05/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : TAMPER EVIDENT SECURITY SEAL

(51) International classification	:G09F 3/03
(31) Priority Document No	:09/447,692
(32) Priority Date	:23/11/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2000/041770
Filing Date	:31/10/2000
(87) International Publication No	:WO/2001/039162
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)E.J. BROOKS COMPANY
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1)Richard DREISBACH
2)George, Albert, Jr.LUNDBERG
3)Carlos PINHO

No of Pages : 31

No of Claims : 26

(57) Abstract :

A filament seal for use with stranded or solid metal or thermoplastic filaments comprises a segmented housing defining a chamber in which a locking insert element is positioned, the insert comprising a thin circular disk of hardened stainless steel with a plurality of radially inwardly extending resilient cantilevered fingers each terminating with a tapered sharp pointed tip in abutting or closely spaced relationship defining a space substantially smaller than the diameter of the filament. The inserted filament bends the fingers and is softer than the insert, the tips digging into the filament during use. When the filament is withdrawn, the finger tips dig further into the filament severing it. If the filament is rotated in an attempt to thread the filament out of the insert, the insert rotates with the filament due to the digging action of the tips into the filament, precluding filament withdrawal from the insert. A hardened steel washer is adjacent to the insert locking element to preclude bending the tips in the withdrawal direction and breakage of the tips, and precluding defeat of the locking action. The fingers are dimensioned to resist distortion in lateral directions during twisting. Various embodiments are disclosed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/757/CHE A

(19) INDIA

(22) Date of filing of Application :22/05/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : "A PROCESS FOR THE PREPARATION OF A CATALYST COMPOSITION AND THE CATALYST COMPOSITION"

(51) International classification	:C10G 11/05
(31) Priority Document No	:60/166,896
(32) Priority Date	:22/11/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2000/011533
Filing Date	:17/11/2000
(87) International Publication No	:WO/2001/038460
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)VOGT, Eelco Titus Carel
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3)O`CONNOR, Paul

No of Pages : 18

No of Claims : 11

(57) Abstract :

A process for the preparation of a catalyst composition and the catalyst composition The present invention relates to a process for the preparation of a catalyst composition comprising the following steps: a) in absence of a catalyst matrix activating an olefin-selective zeolite with at least 10 wt. % of a phosphorus-containing compound, calculated as P₂O₅ based on the total amount of olefin-selective zeolite, by treatment of the olefin-selective zeolite with the phosphorus-containing compound, followed by drying and calcination, b) combining the activated olefin-selective zeolite with 10-40 wt. % catalytic cracking component, catalyst matrix, and 0-25 wt% silica in a slurry, so that the total amount of amorphous alumina present in the final catalyst composition is at least 10 wt%, and c) spray-drying the slurry to form catalyst particles. The invention also relates to a catalyst composition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/771/CHE A

(19) INDIA

(22) Date of filing of Application :24/05/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : A CONTACT LENS AND A METHOD OF PRODUCING A CONTACT LENS FOR AN EYE

(51) International classification	:G02C 7/04
(31) Priority Document No	:09/428,817
(32) Priority Date	:28/10/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/41611
Filing Date	:25/10/2000
(87) International Publication No	:WO/01/35158
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)STREIBIG, Daniel, G.

No of Pages : 18

No of Claims : 35

(57) Abstract :

A tinted contact lens for insertion into an eye comprises a contact lens substrate and an iris-simulating pattern on the lens substrate. The iris simulating pattern comprises at least four distinctly colored colorants. A method for making a tinted contact lens for insertion into an eye comprises providing a plate having a surface, and lasing the plate to form at least one depression in the surface of the plate. The depression is of a shape constituting an iris portion pattern. A fluent colorant is introduced into the depression. The colorant is then transferred from the depression to a lens substrate in a manner so that the colorant colors the lens substrate in a colorant pattern of substantially the same shape as the iris portion pattern of the depression.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/78/CHE A

(19) INDIA

(22) Date of filing of Application :15/01/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : AN INDIVIDUAL BOUND LATERAL SHIELDED TWISTED PAIR DATA CABLE AND A METHOD FOR PREPARING THE SAME

(51) International classification	:H01B 7/18
(31) Priority Document No	:60/144,998
(32) Priority Date	:22/07/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/16344
Filing Date	:14/06/2000
(87) International Publication No	:WO/2001/008167
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GAREIS, Galen, M.
2)DEITZ, Gregory, J.

No of Pages : 28

No of Claims : 21

(57) Abstract :

A high performance bound lateral shielded twisted pair cables is provided where a high performance data cable contains at least four of the bound lateral shielded twisted pair cables and a method for preparing the same is also described. The twisted pair is laterally wrapped with a metal shield tape and a fabric or metal braid or thread at a tension. The tension is such that it provides a cross-sectional void area of less than 25% and preferably less than 18% of the lateral shielded twisted pair cable cross-sectional area. Preferably, the cables have a rating out to 600 MHZ and 1000 MHZ. Also, there is provided a UL 910 plenum at least category 5 high- performance data cables that has a non-fluorinated jacket and between the jacket and cable core, a temperature-resistant flame-retardant separator tape.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/782/CHE A

(19) INDIA

(22) Date of filing of Application :24/05/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING AN IMAGE TO BE DISPLAYED ON A SCREEN

(51) International classification	:G06T 15/20
(31) Priority Document No	:00203346.2
(32) Priority Date	:27/09/2000
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2001/010659
Filing Date	:14/09/2001
(87) International Publication No	:WO/2002/027666
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VAN OVERVELD, Cornelius, W., A., M.
2)BRUIJNS, Johannes

No of Pages : 20

No of Claims : 12

(57) Abstract :

The invention relates to a method for providing an image to be displayed on a screen (10) such that a viewer in any current spatial position (O) in front of the screen (10) can watch the image with only a minimal perspective deformation. According to the invention this is achieved by estimating the current spatial position (O) of a viewer in relation to a fixed predetermined position (Q) representing a viewing point in front of the screen (10) from which the image could be watched without any perspective deformation and by providing the image by applying a variable perspective transformation to an originally generated image in response to said estimated current position (O) of the viewer, such that the viewer in said position (O) is enabled to watch the image without a perspective deformation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/795/CHE A

(19) INDIA

(22) Date of filing of Application :28/05/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : A TELECOMMUNICATIONS OVERVOLTAGE PROTECTION MAGAZINE

(51) International classification	:H01T 4/06
(31) Priority Document No	:29920935.0
(32) Priority Date	:29/11/1999
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP00/11893
Filing Date	:28/11/2000
(87) International Publication No	:WO/2001/041272
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)DENTER, Friedhelm

3)GAERTNER, Norbert

4)BURMEISTER, Klaus-Dieter

No of Pages : 11

No of Claims : 10

(57) Abstract :

The invention relates to a telecommunications overvoltage protection magazine which is directly moutable in a telecommunications rack-mounting system behind a junction zone for cable conductors and electrical connection to said junction zone, the surge arresters being insertable in a mounting position from below, from above or partly from "above and partly from below, more particularly altematingly from above and below.

(54) Title of the invention : METHOD OF INHIBITING SOIL REDEPOSITION

(51) International classification	:C11D 3/00	(71) Name of Applicant :
(31) Priority Document No	:09/451,477	1)ACCESS BUSINESS GROUP INTERNATIONAL LLC
(32) Priority Date	:30/11/1999	Address of Applicant :7575 Fulton Street East Ada, MI 49355-0001.
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US00/42346	(72) Name of Inventor :
Filing Date	:29/11/2000	1)SLIVA, Philip, G.
(87) International Publication No	:WO/2001/040422	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 9

(57) Abstract :

The present invention relates to a method of inhibiting soil redeposition on fabric stained by one or more quaternary compounds by providing a sulfonated material in an effective amount to a wash liquor. The sulfonated material includes water-soluble sulfonated polymers. Generally, the sulfonated material is incorporated with a laundry detergent to provide a use level of about 30 ppm to about 300 ppm in the wash liquor.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/808/CHE A

(19) INDIA

(22) Date of filing of Application :30/05/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : SELF-SERVICE TERMINAL

(51) International classification	:G07F 19/00
(31) Priority Document No	:9928736.9
(32) Priority Date	:03/12/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB00/04426
Filing Date	:22/11/2000
(87) International Publication No	:WO/2001/041089
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)NICOLL, Kenneth, Andrew

No of Pages : 12

No of Claims : 8

(57) Abstract :

A self-service terminal (10) having a simplified user interface (20) is described. The user interface (20) comprises a plurality of indicators (28) for entering data, where each indicator (28) has a unique attribute, such as size, shape, colour, surface texture, or the like. Each indicator is associated with a pre-defined transaction, so that a user may execute a desired transaction by selecting a single indicator (28). A method of executing a transaction is also described.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/81/CHE A

(19) INDIA

(22) Date of filing of Application :15/01/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : INFORMATION CARRIER A METHOD AND DEVICES FOR RECORDING AND REPRODUCING INFORMATION FROM THE INFORMATION CARRIER

(51) International classification	:G11B 7/007	(71)Name of Applicant :
(31) Priority Document No	:00201728.3	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:16/05/2000	Address of Applicant :Groenewoudseweg 1 NL-5621 BA Eindhoven.
(33) Name of priority country	:EUROPEAN	Netherlands
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP01/04648	1)VAN WOUDENBERG, Roel
Filing Date	:25/04/2001	2)STEK, Aalbert;
(87) International Publication No	:	
	WO/2001/088908	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 12

(57) Abstract :

The invention relates to a predetermined synchronization pattern (40), a so-called VFO field, in, for example, the headers 3 of an information carrier. The proposed predetermined synchronization pattern (40) consists of sequences of 3T marks and spaces (41), of 8T marks and spaces (42) and of 5T marks and spaces (43). This sequence of patterns is advantageous for setting the dynamic range of an Automatic Gain Controlled (AGC) amplifier located within a device reading the information carrier.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/82/CHE A

(19) INDIA

(22) Date of filing of Application :15/01/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD AND DEVICE FOR MODELLING A TARGET SPECTRUM

(51) International classification	:H03H 17/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP00/04599
Filing Date	:17/05/2000
(87) International Publication No	:WO/2001/089086
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)DEN BRINKER, Albertus, C.
2)OOMEN, Arnoldus, W., J.

No of Pages : 20

No of Claims : 16

(57) Abstract :

Modeling a target spectrum (S) is provided by determining (21) filter parameters (p_i, q_i) of a filter which has a frequency response approximating the target spectrum (S), wherein the target spectrum is split in at least a first part and a second part, a first modeling operation is used on the first part of the target spectrum to obtain auto-regressive parameters, a second modeling operation is used on the second part of the target spectrum to obtain moving-average parameters, and the auto-regressive parameters and the moving-average parameters are combined to obtain the filter parameters. The invention is preferably applied in audio coding, wherein a spectrum of a noise component (S) in the signal (A) is modeled.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/821/CHE A

(19) INDIA

(22) Date of filing of Application :03/06/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METAL COMPLEX A CATALYST COMPRISING THE SAME AND PROCESS FOR POLYMERISING MONOMERS IN THE PRESENCE OF SAID CATALYST

(51) International classification	:C08F 4/643
(31) Priority Document No	:60/170,178
(32) Priority Date	:10/12/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/31645
Filing Date	:17/11/2000
(87) International Publication No	:WO/2001/042315
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)KRUPER, William, J., Jr.
3)NICKIAS, Peter, N.
4)ROOF, Gordon, R.
5)SOTO, Jorge

No of Pages : 112

No of Claims : 9

(57) Abstract :

This invention relates to a metal complex a catalyst comprising the same and process for polymerising monomers in the presence of said catalyst. Group 4 metal complexes of the constrained geometry type, catalysts derived therefrom and polymerization processes using the same, characterized by a nitrogen containing aliphatic or cycloaliphatic moiety that is substituted with one or more aryl groups,

(54) Title of the invention : METHOD FOR THE PREPARATION OF ENANTIOMERICALLY ENRICHED COMPOUNDS

(51) International classification	:C07C 209/62	(71)Name of Applicant :
(31) Priority Document No	:1013789	1)DSM N.V.
(32) Priority Date	:08/12/1999	Address of Applicant :Het Overloon 1 NL-6411 TE Heerlen. Netherlands
(33) Name of priority country	:Netherlands	(72)Name of Inventor :
(86) International Application No	:PCT/NL00/00892	1)BOESTEN, Wilhelmus, Hubertus, Joseph
Filing Date	:04/12/2000	2)MOODY, Harold, Monro
(87) International Publication No	:WO/2001/042173	3)KAPTEIN, Bernardus
(61) Patent of Addition to Application Number	:NA	4)SEERDEN, Johannes, Paulus, Gerardus
Filing Date	:NA	5)VAN DER SLUIS, Marcelles
(62) Divisional to to Application Number	:NA	6)LANGE DE, Ben
Filing Date	:NA	7)BROXTERMAN, Quirinus, Bernardus

No of Pages : 18No of Claims : 13

(57) Abstract :
Process for the preparation of a diastereomerically enriched phenylglycine amide derivative in which an enantiomerically enriched phenylglycine amide is converted into the corresponding Schiff base with the aid of compound R¹₂-C(O)-R²₃, and the Schiff base obtained is subsequently converted into the diastereomerically enriched phenylglycine amide derivative with the aid of a cyanide source, a reducing agent or an allyl organometallic compound. The phenylglycine amide derivatives obtained are interesting starting materials for the preparation of for example enantiomerically enriched α - and/or β -amino acids and derivatives thereof, such as amides and esters, and amines.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/83/CHE A

(19) INDIA

(22) Date of filing of Application :15/01/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD OF ENCODING AND DECODING AND AN AUDIO ENCODER AND PLAYER

(51) International classification	:G10L 21/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP00/04601
Filing Date	:17/05/2000
(87) International Publication No	:WO/2001/088904
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 16

No of Claims : 6

(57) Abstract :

The present invention relates to a method of encoding and decoding and and audio encoder and player, encoding (2) an audio signal (A) is provided, wherein basic waveforms in the audio signal (A) are determined (200), a noise component (8) is obtained (21) from the audio signal (A) by subtracting (21) the basic waveforms from the audio signal (A), a spectrum of the noise component (8) is modeled (22) by determining auto-regressive and moving average parameters (Pi,qi) and the auto- regressive and the moving average parameters (Pi,qU are included (23) in an encoded audio signal (A) together with waveform parameters (Cu representing the basic waveform.

(54) Title of the invention : METHOD AND APPARATUS FOR SEISMIC STIMULATION OF FLUID-BEARING FORMATIONS

(51) International classification	:E21B 43/25	(71)Name of Applicant :
(31) Priority Document No	:NA	1)APPLIED SEISMIC RESEARCH CORPORATION
(32) Priority Date	:NA	Address of Applicant : Suite 300 5068 West Plano Parkway Plano, TX
(33) Name of priority country	:NA	75093 U.S.A.
(86) International Application No	:PCT/US1999/028060	(72)Name of Inventor :
Filing Date	:23/11/1999	1)KOSTROV, Sergey, A.
(87) International Publication No	:WO/2001/040623	2)WOODEN, William, O.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 46

No of Claims : 52

(57) Abstract :

A method of producing a shock wave comprising the steps of positioning a device having a chamber and an internal bore in liquid such that the device is submerged in the liquid, said internal bore and said chamber having cross-sectional areas, said cross-sectional area of the internal bore being less than the cross-sectional area of the chamber; delivering liquid into the chamber and the bore; moving a piston on a piston assembly through the bore to pressurize liquid in the chamber; and moving the piston out of the bore into the chamber for releasing pressurized liquid through the bore into the liquid in which the device is submerged, said piston assembly comprising a rod and a piston, said rod extending through a second bore in sealing relation with said second bore.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/851/CHE A

(19) INDIA

(22) Date of filing of Application :06/06/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : AN EVAPORATOR DEVICE

(51) International classification	:A61L 9/03
(31) Priority Document No	:9928593.4
(32) Priority Date	:04/12/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB00/04536
Filing Date	:30/11/2000
(87) International Publication No	:WO/2001/039809
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)RYMER, Shaun

No of Pages : 15

No of Claims : 4

(57) Abstract :

The invention relates to an evaporator device adapted to receive a container for containing a liquid which container is provided with a wick, part of which is disposed in the container and part of which extends outside of the container, and a shield which partially covers the part of the wick which is outside of the container wherein the device is characterized in that it comprises a heater for heating the part of the wick which is outside of the container, when present, wherein the heater is relatively movable between a first relative position where the shield is disposed between the heater and wick, when present, and a second relative position where the shield is not so disposed, so as to enable the supply of heat from the heater to the wick, when present, to be regulated.

(54) Title of the invention : A METHOD FOR DETERMINING IN A PROCESSING UNIT THE LOCATION OF DEVICE

(51) International classification	:G01S 5/14
(31) Priority Document No	:09/460,180
(32) Priority Date	:10/12/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/33375
Filing Date	:07/12/2000
(87) International Publication No	:WO/2001/048506
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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No of Pages : 30

No of Claims : 5

(57) Abstract :

A method and apparatus for use in a hybrid position location system. The method and apparatus combines measurements from Global Positioning System (GPS) and terrestrial transceiver stations to compute the location of a device. An algebraic solution to hybrid position location system equations is output from the method and apparatus. The method and apparatus determines the position of a device using a non-iterative method, as against the use of a conventional iterative least mean square method. The method of the present invention can be used to solve the location system equations in scenarios where a non-iterative solution is desirable. In certain scenarios, the location system equations may have two possible solutions. An iterative method would converge on one of the solutions, without any indication of the existence of the other ambiguous solution. Moreover, the iterative method may converge on the incorrect of the two ambiguous solutions. Use of the presently disclosed method and apparatus yields both the ambiguous solutions. The disclosed method may be followed up with iterative methods, using the solutions from the algebraic method as initial estimates of the device location for the iterative method. A different process can then select the correct solution. Thus, the algebraic method can be used to detect the existence of ambiguous solutions, and to find both solutions.

(54) Title of the invention : METHOD OF OPERATING A GAS DISCHARGE LASER

(51) International classification	:H01S 3/225
(31) Priority Document No	:09/361,551
(32) Priority Date	:27/07/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/18141
Filing Date	:29/06/2000
(87) International Publication No	:WO/2001/008278
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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No of Pages : 27

No of Claims : 17

(57) Abstract :

The present invention provides a very narrow band pulse excimer laser capable of producing pulses at a rate in the range of about 500 to 2000 Hz with enhanced energy dose control and reproducibility. Very small quantities of a stabilizing additive consisting of oxygen or a heavy noble gas (xenon or radon for KrF lasers, or krypton, xenon or radon for ArF lasers), are added to the gas mixture. Tests performed show substantial improvements in energy stability with the addition of about 30 ppm of xenon to a KrF laser. Tests show improved performance for the ArF Lasers with the addition of about 6-10 ppm of Xe or 40 ppm of Kr. In a preferred embodiment, very narrow bandwidth is achieved on a KrF laser by reducing fluorine partial pressure to less than 0.10 percent and by increasing the reflectance of the output coupler to greater than 25 percent. In a preferred embodiment, prior art fused silica beam expansion prisms used in the prior art line narrowing module were replaced with calcium fluoride prisms (see fig - specification devoid of reference numerals).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/873/CHE A

(19) INDIA

(22) Date of filing of Application :10/06/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : SYSTEM FOR PRODUCING DE-WATERED OIL

(51) International classification	:E21B 43/38
(31) Priority Document No	:99204300.0
(32) Priority Date	:14/12/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP00/12862
Filing Date	:14/12/2000
(87) International Publication No	:WO/01/44620
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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2)VERBEEK, Paulus, Henricus, Jo

3)BOUMA, Jelle, Sipke

4)PUIK, Eric, Johannes

No of Pages : 30

No of Claims : 20

(57) Abstract :

System for producing de-watered oil from an underground formation to the surface , which system comprises a reception well having a substantially horizontal or inclined section for primary oil/water separation of the well fluid; a water discharge system having an upstream end that is capable of receiving during normal operation liquid from the lower region of the downstream part of the reception well ; and a secondary underground oil/water separator having an upstream end that is capable of receiving during normal operation liquid from the upper region of the downstream part of the reception well , the secondary separator having an outlet for de-watered oil that is in fluid communication with the inlet of a production well and an outlet for a water-enriched component that is in fluid communication with the water discharge system

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/891/CHE A

(19) INDIA

(22) Date of filing of Application :12/06/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : INFANT FORMULATION COMPRISING A PROTEIN COMPONENT AND LIPID COMPONENT

(51) International classification	:A23D 9/00
(31) Priority Document No	:99204287.9
(32) Priority Date	:13/12/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/NL2000/000913
Filing Date	:13/12/2000
(87) International Publication No	: WO/2001/041581
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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4)HUYBERS, Peti
5)DUMON, Liliane, Marie-Rose, Louisa, Dominique

No of Pages : 31

No of Claims : 20

(57) Abstract :

Infant formula, comprising a protein component having a phosphorus content of less than 0.75 g P/100 g protein; and a lipid component that can be easily digested by an infant, comprising fatty acid triglycerides, in which palmitic acid residues make up more than 10 % (w/w) of all fatty acid residues present in the triglycerides, at least 30 % of the palmitic acid residues in the triglycerides being in the Sn2 position of the triglycerides.

(54) Title of the invention : SUBTILASE VARIANTS HAVING AN IMPROVED WASH PERFORMANCE ON EGG STAINS

(51) International classification	:C11D 3/386	(71) Name of Applicant :
(31) Priority Document No	:PA 1999 01792	1)NOVOZYMES A/S
(32) Priority Date	:15/12/1999	Address of Applicant :Krogshoejvej 36 DK-2880 Bagsvaerd. Denmark
(33) Name of priority country	:Denmark	(72) Name of Inventor :
(86) International Application No	:PCT/DK00/00660	1)FANÃ~, Tina, Sejersgaard
Filing Date	:01/12/2000	2)MIKKELSEN, Frank, F
(87) International Publication No	:WO/2001/044452	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 97

No of Claims : 29

(57) Abstract :

The present invention relates to a subtilase variant selected from the group consisting of a variant comprising an insertion of at least one additional amino acid residue between positions 98 and 99 and further comprising a substitution in positions 133 and 143, a variant comprising an insertion of at least one additional amino acid residue between positions 99 and 100 and further comprising a substitution in position 99, a variant comprising an insertion of at least one additional amino acid residue between positions 98 and 99 and further comprising substitutions in positions 167, 170 and 194, a variant comprising an insertion of at least one additional amino acid residue between positions 99 and 100 and further comprising an insertion of at least one additional amino acid residue between positions 216 and 217, a variant comprising an insertion of at least one additional amino acid residue between positions 99 and 100 and further comprising an insertion of at least one additional amino acid residue between positions 217 and 218, a variant comprising an insertion of at least one additional amino acid residue between positions 99 and 100 and further comprising an insertion of at least one additional amino acid residue between positions 42 and 43, and a variant comprising an insertion of at least one additional amino acid residue between positions 99 and 100 and further comprising an insertion of at least one additional amino acid residue between positions 129 and 130.where the variant -when tested in the "Ovo-inhibition Assay" disclosed in Example 4 herein -has a Residual Activity of at least 10%.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/894/CHE A

(19) INDIA

(22) Date of filing of Application :13/06/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF KETIMINES

(51) International classification	:C07C 249/02
(31) Priority Document No	:99811054.8
(32) Priority Date	:16/11/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP00/10971
Filing Date	:07/11/2000
(87) International Publication No	:WO/2001/036378
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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5)KOLLY, Roman

No of Pages : 28

No of Claims : 33

(57) Abstract :

This invention relates to a process for the preparation of compounds of the formula in which R₁, R₂ and R₃ independently of one another are hydrogen, halogen, trifluoromethyl or C₁-C₄alkoxy, wherein a compound of the formula in which R₁, R₂ and R₃ are as defined in formula (1), in the presence of a sulfonic acid catalyst to give the compound of the formula (2) and, if desired, is subjected to purification by recrystallization.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/904/CHE A

(19) INDIA

(22) Date of filing of Application :14/06/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF KETIMINES

(51) International classification	:C07C 249/02
(31) Priority Document No	:99811055.5
(32) Priority Date	:16/11/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2000/010970
Filing Date	:07/11/2000
(87) International Publication No	:WO/2001/036377
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 27

No of Claims : 36

(57) Abstract :

Described is a process for the preparation of compounds of formula which comprises reacting an isomeric mixture consisting of from 75 to 95 % of compound of formula (2a) and from 5 to 25 % of a compound of formula (2b) with methylamine, in a suitable solvent, to form a sertraline-imine isomeric mixture consisting of from 75 to 95 % of formula (1 a) and from 5 to 25 % of formula (1 b) (A.), or reacting an isomeric mixture consisting of from 75 to 95 % of a compound of formula (2a) and from 5 to 25 % of a compound of formula (2b) with methylamine, in a suitable solvent, using suitable methods of isolation to form an enriched sertraline-imine isomeric mixture, consisting of > 99 % of a compound of formula (1a) and < 1 % of a compound of formula (1 b) (A2); and then subjecting the sertraline-imine isomeric mixture obtained according to reaction route (A.) or (A2), in a suitable solvent, to recrystallisation (B), in accordance with the following scheme: wherein in formula (1a), R., R2 and R., are each independently of the others hydrogen, halogen, trifluoromethyl or C,-C4alkoxy and formulae (1 b), (2a) and (2b) are as defined in the description.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/928/CHE A

(19) INDIA

(22) Date of filing of Application :19/06/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD FOR WITHDRAWING AND DEWATERING SLAG FROM A GASIFICATION SYSTEM

(51) International classification	:C10J 3/52
(31) Priority Document No	:09/467,384
(32) Priority Date	:21/12/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US00/23867
Filing Date	:31/08/2000
(87) International Publication No	:WO/01/46344
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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5)TSANG, Chih-Hao, M.
6)VASSANTACHART, Pravit

No of Pages : 41

No of Claims : 25

(57) Abstract :

A method of withdrawing and dewatering slag from a gasification system comprising a gasifier, the said method comprising the steps of receiving slag from the gasification system into an inlet of a conveying lockhopper, conveying the slag from the inlet of the conveying lockhopper to an outlet of the conveying lockhopper, wherein the outlet is at a higher elevation than the inlet, and wherein the step, of conveying the slag comprises rotating an auger disposed in the conveying lockhopper to convey the slag from the inlet to the outlet, thereby breaking down the slag and separating the slag from the water; and discharging the slag from the outlet.

(54) Title of the invention : A CATHETER WITH A BALLOON

(51) International classification	:A61M 25/10
(31) Priority Document No	:11-366658
(32) Priority Date	:24/12/1999
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2000/009068
Filing Date	:21/12/2000
(87) International Publication No	:WO/2001/047593
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 38

No of Claims : 9

(57) Abstract :

The present invention relates to a catheter with a balloon for mitral valve formative operation, comprising a double tube consisting of an inner tube and an outer tube disposed concentrically and a balloon fastened at one end to the inner tube and at the other end to the outer tube, wherein a balloon-extending pipe stopper is provided at a tip of said inner tube, on the operator's side of the balloon-extending pipe stopper, outside of a balloon-extending pipe can be inserted into the balloon-extending pipe stopper, but on the tip side, the inner diameter d3 of the extending pipe stopper is so reduced as to be not substantially different from an inner diameter d4 of the balloonextending pipe that is inserted into the inner tube, and brought into contact with the balloon-extending pipe stopper for axially extending the balloon for contraction in diameter.

(54) Title of the invention : STIRLING REFRIGERATING MACHINE

(51) International classification	:F25B 9/14
(31) Priority Document No	:11-363079
(32) Priority Date	:21/12/1999
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP00/08975
Filing Date	:18/12/2000
(87) International Publication No	:WO/2001/046627
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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No of Pages : 17

No of Claims : 8

(57) Abstract :

A Sterling refrigerating machine comprising a piston and a displacer provided coaxially inside a single cylinder and reciprocating axially inside the cylinder with identical periods but with different phases; an expansion space formed by partitioning off one end portion of an inside of the cylinder with the displacer; a compression space formed by partitioning off a middle portion of the inside of the cylinder with the displacer and the piston; a flow path for a working medium formed between an outside of a movement path of the displacer and an inner surface of the cylinder and connecting the expansion space with the compression space; and a low-temperature-side heat exchanger, a regenerator, and a high-temperature-side heat exchanger arranged in this order from an expansion-space side in the flow path for the working medium, wherein uniformizing means is provided between the low-temperature-side heat exchanger and the regenerator or between the high-temperature-side heat exchanger and the regenerator so as to make flow of the working medium passing through the regenerator uniform and produce a predetermined pressure loss between the compression space and the expansion space.

(54) Title of the invention : "A PROCESS FOR CATALYTIC OXIDATION OF FORMIC ACID OR FORMALDEHYDE"

(51) International classification	:C07F 9/38	(71)Name of Applicant :
(31) Priority Document No	:60/171,313	1)MONSANTO Technology LLC
(32) Priority Date	:21/12/1999	Address of Applicant : 800 North Lindbergh Boulevard St. Louis, MO
(33) Name of priority country	:U.S.A.	63167 U.S.A.
(86) International Application No	:PCT/US2000/034875	(72)Name of Inventor :
Filing Date	:21/12/2000	1)LEIBER, Mark, A.
(87) International Publication No	:WO/2001/046208	2)EBNER, Jerry, R.
(61) Patent of Addition to Application Number	:NA	3)WAN, Kam-to
Filing Date	:NA	4)WOODS, Anthony
(62) Divisional to to Application Number	:NA	5)ROGERS, Peter, E.
Filing Date	:NA	

No of Pages : 157

No of Claims : 62

(57) Abstract :
This invention relates to the use of a supplemental promoter in conjunction a noble metal on carbon catalyst in catalyzing liquid phase oxidation reactions. with supplemental promoter in In particular, the present invention is directed to the use of a ction with a noble metal on carbon catalyst in the oxidation of N = con~un roduce N (phosphonomethyl) iminodiacetic acid or a salt thereof to o p formic acid (phosphonomethyl)glycine or a salt thereof and/or in the oxidation and/or formaldehyde produced during the oxidation of an N(phosphonomethyl)iminodiacetc acid substrate.

(54) Title of the invention : A SINGLE OR MULTI-BLADED ROTOR

(51) International classification	:F01D 5/14	(71)Name of Applicant :	
(31) Priority Document No	:PQ 4243	1)HARMAN, Jayden, David	
(32) Priority Date	:25/11/1999	Address of Applicant :Research Vessel "PAX", Fremantle Fishing Boat	
(33) Name of priority country	:Australia	Harbour, South Fremantle, W.A. 6162 Australia	
(86) International Application No	:PCT/AU00/01438	(72)Name of Inventor :	
Filing Date	:24/11/2000	1)HARMAN, Jayden, David	
(87) International Publication No	:WO/2001/038697		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 19

No of Claims : 33

(57) Abstract :

A single or multi-bladed rotor for use with a fluid flow generator or reactor, the rotor comprising a central hub (12) which is adapted to be mounted to a rotatable shaft, the rotor further comprises at least one radial blade (11) mounted at one end to the hub, wherein the at least one blade has a fluid reactive face (14) which has the configuration of a logarithmic curve substantially conforming to the golden section, i.e. the order of growth of the radius of the curve which is measured at equiangular radii is constant and conforms to the ratio of 5:8.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/980/CHE A

(19) INDIA

(22) Date of filing of Application :25/06/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : METHOD TO MEASURE DEGREE AND HOMOGENEITY OF ALUMINA CALCINATION

(51) International classification	:G01N 21/31
(31) Priority Document No	:99/14951
(32) Priority Date	:26/11/1999
(33) Name of priority country	:France
(86) International Application No	:
Filing Date	PCT/FR2000/003227
(87) International Publication No	:21/11/2000
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

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3)ROUIT, Bernard

No of Pages : 21

No of Claims : 6

(57) Abstract :

The present invention relates to a method to measure the degree and homogeneity of calcination of alumina characterized in that said method is carried out with an image analysis device equipped having a sensitive camera in a spectral analysis window corresponding to a wavelength range equal to or in the vicinity of visible light and in that it comprises the following steps: vicinity of a) mixing the alumina to be analyzed with a liquid which has a refractive index that is, in said wavelength range, between the refractive index of a lightly calcined alumina and the refractive index of a strongly calcined alumina; calcined b) preparation of a slide for observation of said mixture in said image analysis device, said mixture being illuminated by stable polychromatic radiation compatible with said spectral analysis window; iation c) reception of the image by the camera and processing of the signal resulting the definition of an image composed of a given number of pixels with in colorimetric components; three d) statistical processing of said pixels using their colorimetric components used to give the calcination degree and the homogeneity of the calcination.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/993/CHE A

(19) INDIA

(22) Date of filing of Application :27/06/2002

(43) Publication Date : 20/04/2007

(54) Title of the invention : A METHOD AND DEVICE FOR IDENTIFICATION AND DETERMINATION OF THE POSITION OF AN OBJECT

(51) International classification	:G01S 17/89
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(57) Abstract :

According to the inventive method for identifying and determining the position of a metallurgical vessel for measuring its fireproof lining using electromagnetic radiation, an operator is defined in relation to a two or three dimensional structure with a known shape and size. Distance values (Rad(m,n)) and corresponding measuring angles (\$G(f)(n)\$, \$g(u)(m)\$) are determined in the area of the structure and the measured distance value (Rad(m,n)) and corresponding measuring angles (\$g(f)(n)\$, \$g(u)(m)\$) are used to scale the operator. The dimension and resolution of the operator (i:[-imax, imax, \$g(D)i]\$; [-jmax, jmax, \$g(D)i]\$) in the image co-ordinates system and the anticipated values of the operator (R(m+j,n+j)) are adapted to the measured polar co-ordinates (Rad(m,n), \$g(f)(m)\$, \$g(u)(n)\$). A result value (S(m,n)) is then formed from the differences between the anticipated values of the operator (R(m+i,n+j)) and the measured values (Rad(m+i,n+j)) and the location of the structure that is sought is determined from the position of the minimum result value.

PUBLICATION UNDER SECTION 43 (2)

Following Patents have been granted and any person interested in opposing these patents Under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office on the prescribed form 7 along with written statement and evidence if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	203138	IN/PCT/2001/00725/MUM	18/06/2001	22/12/1998	A WEIGHING DEVICE FOR RAIL VEHICLES	SCHENCK PROCESS GMBH	15/07/2005	MUMBAI
2	203139	IN/PCT/2001/00298/MUM	15/03/2001	02/10/1998	A METHOD OF TREATMENT OF HALOGENOUS, ORGANIC WASTE MATERIAL	JAN PROCIDA	17/06/2005	MUMBAI
3	203140	IN/PCT/2001/00277/MUM	12/03/2001	15/09/1998	A PROCESS FOR THE PURIFICATION OF AN AQUEOUS SOLUTION OF A TERTIARY AMINE OXIDE	LENZING AKTIENGESELLSCHAFT	13/09/2005	MUMBAI
4	203141	848/MUM/2001	05/09/2001		A PROCESS FOR MANUFACTURING HIGH REFLECTANCE SOLUBLE CONTAINERS	SCITECH CENTRE	19/08/2005	MUMBAI
5	203142	3/MUM/2002	03/01/2002	31/01/2001	A MULTI-STAND BLOCK FOR A ROLLING MILL	MORGAN CONSTRUCTION COMPANY	13/05/2005	MUMBAI
6	203143	IN/PCT/2000/00510/MUM	16/10/2000	21/04/1998	A METHOD FOR THE PACKAGING OF ITEMS OR LOOSE MATERIALS IN FOIL BAGS, AN APPARATUS FOR THE EXECUTION THEREOF AND A PACKAGING WEB	SCHUR PACKAGING SYSTEMS A/S	15/07/2005	MUMBAI
7	203144	IN/PCT/2002/00559/MUM	02/05/2002	23/10/1999	ELECTROCHEMICAL MACHINING METHOD	ULTRA SYSTEMS LTD.	28/02/2004	MUMBAI
8	203145	IN/PCT/2001/00162/MUM	14/02/2001	26/08/1998	AN IMPROVED PROCESS FOR DECOMPOSING A HYDROPEROXIDE	E.I.DU PONT DE NEMOURS AND COMPANY	02/12/2005	MUMBAI
9	203146	596/MUM/2002	03/07/2002		A PROCESS FOR THE SYNTHESIS OF N-[(S)-1-CARBOXYBUTYL]- (S)- ALANINE ESTERS	LES LABORATOIRES SERVIER	17/04/2005	MUMBAI
10	203147	1255/MUM/2003	09/12/2003		ELECTRONIC TOUCH REGULATOR FOR TABLE FANS AND PEDESTAL FANS	1)DOMINIC GRACIAS 2) ROHAN GRACIAS	10/06/2005	MUMBAI

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S L. N O	Patent Number	Application Number	Date of Applica- tion	Date of Priority	Title of Invention	Name of Patentee	Date of Publica-tion of Abstract u/s 11(A)	Appro- priate Office
1	206201	IN/PCT/2000/ 00055/KOL	31/05/20 00	22/09/1998	PROCESS FOR THE PREPARATION OF N<2>-(1(S)- CARBOXY-3- PHENYLPROPY L)-L-LYSYL-L- PROLINE	KANEKA CORPORA TION	28/10/2005	KOLKATA
2	179741	00072/CAL/ 1992	3/2/1992		PROCESS OF PREPARING SINTERED IRON OXIDE- CONTAINING MATERIALS ON A SINTERING MACHINE	METALLG ESELLSC HAFT AKTIENGE SELLSCH AFT	22/11/1997	KOLKATA
3	181861	650/CAL/ 1992	9/9/1992		A PROCESS FOR PRODUCING SINTERED IRON OXIDE CONTAINING MATERIAL ON A SINTERING MACHINE	METALLG ESELLSC HAFT AKTIENGE SELLSCH AFT	10/10/1998	KOLKATA
4	206171	813/CAL/ 1999	27/09/ 1999	2/10/1998	A LACTOFERRIN COATED BIOMEDICAL DEVICE AND A PROCESS FOR MANUFACTURI NG THE SAME	THE INSTITUTE FOR EYE RESEARC H LIMITED.,	13/01/2006	KOLKATA
5	206172	824/CAL/ 1999	5/10/ 1999	20/11/1998	"PYRETHROID COMPOUNDS AND COMPOSITION FOR CONTROLLING PEST CONTAINING THE SAME"	SUMITOM O CHEMICA L COMPANY LIMITED	11/3/2005	KOLKATA
6	206173	924/CAL/ 1995	8/8/1995		"A GYPSUM/CELL ULOSIC FIBER ACCOUSTICAL TILE COMPOSITION"	USG INTERIOU S ,INC.,	7/4/2006	KOLKATA

7	206174	IN/PCT/2000/ 00021/KOL	14/03/ 2000	25/07/1998	"IDENTIFICATI ON AND COMMUNICATI ON SYSTEM FOR INFLATABLE DEVICES"	HUNTLEIGH TECHNOLOGY PLC.,	16/12/2005	KOLKATA
8	206175	IN/PCT/2001/ 00065/KOL	15/01/ 2001	18/06/1998	"NON- DUSTING,HOMO GENEOUS PIGMENT PREPARATION "	MERCK PATENT GMBH	3/2/2006	KOLKATA
9	206176	IN/PCT/2001/ 00083/KOL	19/01/ 2001	19/05/1999	"A TURBO ENCODER USED FOR RADIO COMMUNICATI ON STSYEM"	SAMSUNG ELECTRO NICS CO LTD ,SAMSUN G ELECTRO NICS CO LTD	10/2/2006	KOLKATA
10	206177	IN/PCT/2001/ 00180/KOL	13/02/ 2001	18/08/1998	"SOLE CONSTRUCTIO N FOR ENERGY STORAGE AND REBOUND"	BRITEK FOOTWEA R DEVELOP MENT LLC,	10/2/2006	KOLKATA
11	206178	IN/PCT/2001/ 00243/KOL	28/02/ 2001	17/08/1999	"CLAMPING FITTING FOR THE ATTCHMENT OF GLASS PANES"	DORMA GMBH +CO. KG.	10/2/2006	KOLKATA
12	206179	IN/PCT/2001/ 00316/KOL	20/03/ 2001	25/09/1998	"MULTIPLE- HEAD PHOSPER SCREEN SCANNER"	ALARA INC.,	10/2/2006	KOLKATA
13	206180	IN/PCT/2001/ 01175/KOL	12/11/ 2001	14/05/1999	GLYCOSAMINO GLYCANS HAVING AN AVERAGE MOLECULAR WEIGHT EQUAL TO 2400 D SUITABLE FOR THE TREATMENT OF SENILE DEMENTIA	CORNELLI UMBERTO	11/3/2005	KOLKATA
14	206181	IN/PCT/2001/ 01299/KOL	10/12/ 2001	9/6/1999	A SURGICAL INSTRUMENT FOR TREATING FEMALE URINARY STRESS INCONTINENCE	ETHICON, INC.	10/2/2006	KOLKATA

15	206182	IN/PCT/2001/ 01376/KOL	28/12/ 2001	18/06/1999	ORAL PHARMACEUTI CAL COMPOSITION S CONTAINING TAXANES AND METHODS OF PREPARATION THEREFOR.	IVAX RESEARC H ,INC.	26/03/2005	KOLKATA
16	206183	IN/PCT/2002/ 00073/KOL	15/01/ 2002	16/07/1999	"METHOD AND APPARATUS FOR PROVIDING DUAL AUTOMATIC GAIN CONTROL DELAY SETTINGS IN A TELEVISION RECEIVER".	THOMSON LICENSIN G S.A.	27/01/2006	KOLKATA
17	206184	IN/PCT/2002/ 00271/KOL	22/02/ 2002	10/8/1999	POLYESTER STAPLE FIBRES AND PROCESS FOR THEIR PRODUCTION	ZIMMER AKTIENGE SELLSCH AFT	3/3/2006	KOLKATA
18	206185	IN/PCT/2002/ 00509/KOL	23/04/ 2002	27/10/1999	"A MEMBRANE STRUCTURE FOR BLOCKING AN ATRIAL APPENDAGE OSTIUM"	ATRITECH INC.	27/01/2006	KOLKATA
19	206186	IN/PCT/2002/ 00541/KOL	26/04/ 2002	26/10/1999	"INTERLACED MULTIBAND ANTENA ARRAYS"	FRACTUS S.A	27/01/2006	KOLKATA
20	206187	IN/PCT/2002/ 00657/KOL	15/05/ 2002	23/11/1999	ERROR DETECTION /CORRECTION ENCODING FOR HIERARCHICAL QAM TRANSMISSION SYSTEMS.	THOMSON LICENSIN G S.A.,	11/3/2005	KOLKATA
21	206188	IN/PCT/2002/ 00742/KOL	3/6/2002	16/12/1999	"A PROCESS TO PRODUCE A CATALYST COMPOSITION AND THE CATALYST COMPOSITION PRODUCED THEREBY"	PHILLIPS PETROLE UM COMPANY	11/3/2005	KOLKATA

22	206189	IN/PCT/2002/ 00917/KOL	15/07/ 2002	18/02/2000	"A PROCESS FOR INCINERATING REFUSE DERIVED FUEL MATERIAL AND AN INCINERATING PLANT THEREFOR"	RE.D.E. S.P.A.	3/2/2006	KOLKATA
23	206190	IN/PCT/2002/ 01001/KOL	2/8/2002	14/03/2000	A HEAT SINK DEVICE FOR COOLING AN INTEGRATED CIRCUIT AND METHOD FOR THE SAME.	INTEL CORPORA TION	17/02/2006	KOLKATA
24	206191	IN/PCT/2002/ 01547/KOL	18/12/ 2002	7/7/2000	SELF ALIGNING HITCH	SLATTEN IVAN BOALER	11/3/2005	KOLKATA
25	206192	00537/CAL/2 000	19/09/ 2000		C-FRAME PRESS FOR PRESSING COMPONENTS TO FORM AN ASSEMBLY.	DYNAMAT IC TECHNOL OGIES LIMITED	13/01/2006	KOLKATA
26	206193	00868/KOLN P/2003	4/7/2003	16/02/2001	A SECURITY MODULE FOR USE WITH A TERMINAL	INFINEON TECHNOL OGIES AG	23/09/2005	KOLKATA
27	206194	01447/KOLN P/2003	7/11/ 2003	22/05/2001	RECIPROCATIN G MOTOR.	LG ELECTRO NICS INC.	27/01/2006	KOLKATA
28	206195	1993/CAL/19 97	23/10/ 1997	25/10/1996	"A PROCESS FOR MAKING YARN"	E.I DU PONT DE NEMOURS AND COMPANY	28/10/2005	KOLKATA
29	206196	310/KOL/200 4	10/6/ 2004		A STYTEM FOR BATCH PRODUCTION OF SPONGE IRON FROM IRON ORE AND A METHOD FOR PRODUCING SPONGE IRON USING SUCH SYSTEM.	MAYUR ELECTRO CERAMIC S PVT LTD .	24/03/2006	KOLKATA
30	206197	472/CAL/200 0	18/08/ 2000	27/08/1999	"A METHOD FOR PRODUCING FINE WIRE AND A FURANCE DEVICE FOR THE SAME"	GRAF &CIE AG.,	24/02/2006	KOLKATA

31	206198	572/CAL/2001	5/10/2001	13/10/2000	TUBE FEEDING DEVICE FOR A WORK STATION OF A CHEESE-PRODUCING TEXTILE MACHINE.	W.SCHLA FHORST AG & CO.,	24/02/2006	KOLKATA
32	206199	624/CAL/2000	8/11/2000		MULTIPLE EFFECT ABSORPTION CHILLER ABRORPTION CHILLER HEATER.	KAWASA KI THERMAL ENGINEER RING CO.LTD	3/3/2006	KOLKATA
33	206200	00036/KOLN P/2004	13/01/2004	20/07/2001	A MIXING APPARATUS.	CHOI WOON SEUNG & CHOI WOO RAM	14/04/2006	<u>KOLKATA</u>