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पेटेंट कार्यालय का एक प्रकाशन
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.

(CHAITANYA PRASAD)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

31ST AUGUST, 2012

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**THE PATENT OFFICE
KOLKATA, 31/08/2012**

Address of the Patent Offices/Jurisdictions

The following are addresses of all the Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

<p>1 Office of the Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai – 400 037</p> <p>Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpdtn@nic.in</p>	<p>4 The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai – 600 032.</p> <p>Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: chennai-patent@nic.in</p> <p>❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.</p>
<p>2 The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai – 400 037</p> <p>Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in</p> <p>❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli</p>	<p>5 The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata- 700 091</p> <p>Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in</p>
<p>3 The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi – 110075</p> <p>Phone: (91)(11) 2808 1921 – 25 Fax: (91)(11) 2808 1920 & 2808 1940 E.mail: delhi-patent@nic.in</p> <p>❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.</p>	<p>❖ Rest of India</p>

Website: www.ipindia.nic.in
www.patentoffice.nic.in

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.

पेटेंट कार्यालय
कोलकाता, दिनांक 31/08/2012
कार्यालयों के क्षेत्राधिकार के पते

विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ नीचे दिए गए हैं :-

<p>1</p> <p>कार्यालय: महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिह्न, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई -400 037, भारत. फोन: (91)(22) 24123311 फैक्स: (91)(22) 24123322 ई.मेल: cgpdtm@nic.in</p>	<p>4</p> <p>पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षद्वीप</p>
<p>2</p> <p>पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई - 400 037, फोन: (91)(22) 2413 7701, फैक्स: (91)(22) 2413 0387 ई.मेल: mumbai-patent@nic.in ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.</p>	<p>5</p> <p>पेटेंट कार्यालय कोलकाता (प्रधान कार्यालय), बौद्धिक संपदा भवन, सीपी-2, सेक्टर-V, साल्ट लेक सिटी, कोलकाता- 700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फैक्स/Fax: (91)(33) 2367 1988 ई.मेल: kolkata-patent@nic.in ❖ भारत का अवशेष क्षेत्र</p>
<p>3</p> <p>पेटेंट कार्यालय दिल्ली, बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर - 14, द्वारका, नई दिल्ली - 110 075. फोन: (91)(11) 2808 1921-25 फैक्स: (91)(11) 2808 1920, 2808 1940 ई.मेल: delhi-patent@nic.in ❖ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़</p>	

वेबसाइट: <http://www.ipindia.nic.in>
www.patentoffice.nic.in

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 ।

शुल्क: शुल्क या तो नकद रूप में या "Controller of Patents" के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है ।

SPECIAL NOTICE

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.

(CHAITANYA PRASAD)
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SPECIAL NOTICE

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 Patents in the Official Gazette of India Part III, Section 2 has been discontinued and instead The Official Journal of the Patent Office is being published containing all the activities of The Patent Office such as publication of all the patent applications after 18th months , grant of patents & all other information in respect of the proceedings as required under the provisions of the Patents (Amendment) Act, 2005 and Rules thereunder on weekly basis on every **Friday**.

The Journal is uploaded in the website every Friday. So Paper form and CD-ROM form of the Journal are discontinued from 01/01/2009.

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.

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.2238/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MULTI DIMENSIONAL DIGITALLY PROJECTED MEDIA & ADVERTISING MEDIUM/SYSTEM

(51) International classification

:G06Q

(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

:NA

Filing Date

:NA

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1)KHAN CHANGEZ ANWAR

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(72)Name of Inventor :

1)KHAN CHANGEZ ANWAR

(57) Abstract :

The invention titled MULTI DIMENSIONAL DIGITALLY PROJECTED MEDIA & ADVERTISING MEDIUM/SYSTEM (Multi Dimensional in the above title means Four Dimensional (4D), Three Dimensional (3D), Two Dimensional (2D) Still & Moving Imagery) is a new medium, process and system to the existing and prevalent medium of advertising and outdoor advertisement not a replacement or alternate to the advertising. Advertising began with print media (Publication/Newspapers), then began the era of electronic media, Radio Advertising followed by Television and lastly a decade ago Internet/online advertising (websites/emails) along with New Media Advertising (mobile/sms/ringtones/podcast/vodcast), but the outdoor/out of home (OOH) media remained the same only upgrading and updating with few and static innovations like outdoor video/LED/ticker displays & screens, common in New York, Times Square and Piccadilly Circus, London and came into India quite recently. This new Invention method, medium will induct, apply dynamic 3D/4D animated/visual effects digital still/moving image projection technology for outdoor advertisement. Outdoor advertisement in form of digital 2D/3D/4D still image or motion picture for publicity and promotion, any kind of advertisement film can be projected on hard surface of an architecture/structure/building with application of a high resolution/definition multiple digital projection system. This new invention and process is creation of a new medium and method in outdoor advertising industry and the advertising world. In outdoor advertising only poster, hoardings, bills, banners, billboards, video/LED screens etc are used and are presently prevalent form of marketing adopted and used by various organizations in spreading awareness amongst masses and for marketing in relation to the products, services and also equally used by the Government Departments and agencies to make people aware about specific campaigns or any public policy. Mediums customarily adopted, engaged or used in Outdoor Advertising are outdated and primitive. The invention put before the authority for protection under Patent Act is a medium of Outdoor Advertising under title Multi Dimensional Digitally Projected Media & Advertising Medium/System, which is new technology, process and a new system is introduced herewith. (Graphical impressions are enclosed here after)

No. of Pages : 31 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2100/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : THE NEW AGE STARTING BLOCK

(51) International classification	:A63B24/00
(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 Application Number	:NA
Filing Date	:NA

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CHANDIGARH-160015, Punjab India
(72)**Name of Inventor :**
1)HARJASLEEN MALVAI

(57) Abstract :

When the race begins the athletes are given the following instructions - On Your Marks-Get Set and a gunshot is fired. There is a split second reaction time to leave the blocks. This can seal the fate of the race. To give the athlete an advantage right at the beginning I have designed a starting block which can Record the reaction time Indicate a false start The starting block is a cylindrical bar(1) anchored to the ground using steel pegs(10) and has two handles(2,12) with rubber pads(4) on opposite sides to place the feet. The circuit will include one part which is placed away from this device and is fitted with an electronic counter (7) which will start when the button (9) on the sound source (8) (i.e. gunshot) is pressed. This is also attached with a cable to the starting block where the tiny Infra red sensors are placed in the middle of horizontal sides of the rubber pad(5,14) which are kept on after the athlete has taken the stance and break the circuit after that to stop the counter. An additional feature is a beep to indicate the foot left the block before the gun was fired and hence is a false start.

No. of Pages : 5 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.67/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :06/01/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A FERRITE MATERIAL, ISOLATOR DEVICE AND METHOD THEREOF

(51) International classification

:H01P

(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

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)C.G. BALAJI

2)P. VENUGOPAL REDDY

3)K. RAJU

4)P. VENUGOPAL REDDY

5)K. RAJU

(57) Abstract :

The present disclosure relates to a ferrite material with chemical composition $\text{Ni}_{0.9}\text{Zn}_{0.1}\text{Fe}_2\text{O}_4$ and a process thereof The present disclosure also relates to an isolator device designed using a ferrite material with chemical composition $\text{Ni}_{0.9}\text{Zn}_{0.1}\text{Fe}_2\text{O}_4$ developed for applications in the microwave frequency region of X band. The instant disclosure relates to ferrite co-axial isolators, which have been developed in the microwave frequency region of X-band using nickel-zinc ferrite. These materials have isolation of greater than 40 dB and insertion loss of less than 0.6 dB. The test results indicate negligible variation over a temperature range of -30 to + 75 °C. These materials have high isolation with a bandwidth of 50 MHz and the values of return loss and VSWR are 20 dB and 1.15 respectively.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1065/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :31/03/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A DISCONNECTOR / EARTH SWITCH OF A SWITCHGEAR EQUIPMENT, AND SWITCHGEAR EQUIPMENT, THEREBY

(51) International classification	:H02B13/075
(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	:N/A
(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)CROMPTON GREAVES LIMITED
Address of Applicant :CG HOUSE, 6TH FLOOR, DR.
ANNIE BESANT ROAD, WORLI, MUMBAI 400 030,
MAHARASHTRA, INDIA.

(72)**Name of Inventor :**
1)RAJAN ARAVIND

(57) Abstract :

A disconnecter / earth switch of a switchgear equipment, said disconnecter / earth switch comprising: at least a solid slider element adapted to be slidably ensconced within at least a hollow slider element, said solid slider element adapted to be slidably ensconced within a channel, said solid slider element adapted to slide out of said hollow slider up to a pre-determined first length in order to obtain an intermediate non-mating condition, and said hollow slider element adapted to slide out of said channel up to a pre-determined second length, for the solid slider element to be received by a receptacle in order to obtain a final closed condition.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1354/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL METHOD FOR THE DETECTION OF MICROBIAL CONTAMINANTS IN PLANT TISSUE CELL CULTURES

(51) International classification

:C12N
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 Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GAYATRI ASHWINKUMAR DAVE

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388421, DIST. ANAND, GUJARAT India

(72)Name of Inventor :

1)GAYATRI ASHWINKUMAR DAVE

2)RUCHA HARISHKUMAR MEHTA

3)NIRALEE GAUTAMBHAI PATEL

(57) Abstract :

The present invention relates to novel method for the detection of microbial contaminants in plant tissue cultures by the use of chemical indicators which work independent of pH and temperature conditions in plant tissue cultures. These chemical indicators work at various ranges of concentrations and are able to detect microbial contaminants at the earliest possible period of time once the plant tissue cultures are incubated for the plant growth.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1716/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :13/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : DUAL PORT MONO TUBE SUSPENSION SYSTEM

(51) International classification	:B60G	(71)Name of Applicant :
	17/02	1)GABRIEL INDIA LIMITED
(31) Priority Document No	:NA	Address of Applicant :29TH, MILESTONE, PUNE NASIK
(32) Priority Date	:NA	HIGHWAY, VILLAGE : KURULI, TAL:KHED, DIST: PUNE-
(33) Name of priority country	:NA	410 501 MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DIVAKAR BHAT
(87) International Publication No	:N/A	2)VRISHALI B.YAMAGEKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a dual port monotube suspension system type shock absorber and coil spring suspension type system having an accumulator for storing fluid, such as hydraulic oil, under gas pressure or without pressure, having fluid communication across movable piston and stationary base valve with valves arrangement so that the fluid is continually being transferred between the accumulator, the piston with valving and base valve case with valving, thus generating damping force in response to movement of the wheels of the vehicle on road with which the system is associated in use of the vehicle.

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1774/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A SYSTEM AND METHOD FOR SPEND ANALYSIS OF THE SERVICE CATEGORY.

(51) International classification	:C06F 17/60	(71) Name of Applicant : 1)ZYCUS INFOTECH PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :GJ-07, SEEPZ++, SEEPZ SEZ,
(32) Priority Date	:NA	ANDHERI (EAST), MUMBAI-400096., MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. AG SEBASTIAN
(87) International Publication No	:N/A	2)MR. PRASAD NAIR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a system for spend analysis of service category comprising a processor unit; a computer readable medium storing instructions executable by the processor unit wherein the said computer readable medium comprises of a Service Receiving Means for receiving a service spend category from iAnalyze.

No. of Pages : 26 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1906/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :01/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A SYSTEM AND METHOD FOR INTEGRATING BIOMETRIC AND DEMOGRAPHIC DATA

(51) International classification	:G06F3/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)VFS GLOBAL SERVICES PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :9TH FLOOR, UEMI ESTATE, 95,
(33) Name of priority country	:NA	GANPATRAO KADAM MARG, NEAR LOWAR PAREL
(86) International Application No	:NA	STATION, LOWER PAREL(W), MUMBAI - 400 013,
Filing Date	:NA	MAHARASHTRA, INDIA.
(87) International Publication No	:N/A	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)LAHIRY UTTAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure envisages a computer implemented system for capturing and integrating biometric data item(s) and demographic data item(s) corresponding to users. The system includes a capturing module for capturing biometric data item(s) and demographic data item(s) corresponding to a first user. The captured biometric data item(s) and demographic data item(s) are temporarily stored in a repository. The system includes a user interface accessible to at least one second user and configured to display selectable biometric data item(s) and demographic data item(s) for the purpose of selection. The biometric data item(s) and demographic data item(s) specified by the user are selected from the repository by the selector and are controllably interlinked by a linker. The biometric item(s) and demographic data item(s) selected by the selector are further integrated to form an integrated profile. Subsequent to integration the biometric data item(s) and demographic data item(s) are permanently erased from the repository.

No. of Pages : 21 No. of Claims : 12

(54) Title of the invention : A DEVICE FOR MEASURING, PROCESSING AND EVALUATING MEDICINAL PARAMETERS RELATING TO HUMAN BODY

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	5/00	1)DR. KETAN SUBHASHCHANDRA AMIN
(32) Priority Date	:NA	Address of Applicant :403,SUKHSAGAR, KAMAL
(33) Name of priority country	:NA	COLONY, NAVRANGPURA, AHMEDABAD - 380 009,
(86) International Application No	:NA	GUJARAT STATE, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)DR. KETAN SUBHASHCHANDRA AMIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a device for measuring, processing and evaluating medicinal parameters relating to human body, the device comprising: means for measuring transcutaneous carbon dioxide tension (tcPCo2) transcutaneous oxygen tension (PO2), pulse oximetric saturation (SpO2) and blood pH of the subject human body; means for processing the data relating to the transcutaneous carbon dioxide tension (tcPCo2), transcutaneous oxygen tension (PO2), pulse oximetric saturation (Sp,02) and blood pH obtained from the means for measuring; means for obtaining first ayurvedic clinical parameter (VgtC-O) based on the processed data, the first ayurvedic clinical parameter (VgtC-O) indicates ayurvedic vata gati carbon oxygen relationship and evaluates ayurvedic VATA Dosha in the subject human body; means for obtaining second ayurvedic clinical parameter (AgkH) based on the first ayurvedic clinical parameter (VgtC-O) where the second ayurvedic clinical parameter (AgkH) indicates level of hydrogen ion in the body and accordingly heat energy level in the body, the second ayurvedic clinical parameter (AgkH) evaluates ayurvedic PITTA Dosha in the subject human body; means for obtaining third ayurvedic clinical parameter (SHplHC-O) based on the processed data where the third ayurvedic clinical parameter (SHplHC-O) indicates level of bicarbonic acid bicarbonates in the body and accordingly viscosity producing level of blood and body fluids, where the third ayurvedic clinical parameter (SHplHC-O) evaluates ayurvedic KAPHA Dosha in the subject human body; means for obtaining fourth ayurvedic clinical parameter (Agkm) based on the processed data, the fourth ayurvedic clinical parameter (Agkm) indicates hydrogen ion concentration in ayurvedic terminology; means for obtaining fifth ayurvedic clinical parameter (SmO-O) based on the processed data, the fifth ayurvedic clinical parameter (SmO-O) indicates water oxygen relationship in ayurvedic terminology; a database including a table illustrating relationship among abnormality and/or disease in the subject human body and at least one of the ayurvedic clinical parameters; means for obtaining sixth ayurvedic clinical parameter (Tdh) based on the processed data, the sixth ayurvedic clinical parameter (Tdh) indicates hydrogen ion concentration in ayurvedic terminology and quantitative range of total dhatus in the subject human body; means for evaluating the affected body part or disease based on the at least one of the ayurvedic clinical parameter and the data given in the table; and display unit for displaying the measured values of transcutaneous carbon dioxide tension (tcPCo2), transcutaneous oxygen tension (PO2), pulse oximetric saturation (Spo2) and blood pH, values of the first ayurvedic clinical parameter (VgtC-O), the second ayurvedic clinical parameter (AgkH), the third ayurvedic clinical parameter (SHplHC-O), the fourth ayurvedic clinical parameter (Agkm), the fifth ayurvedic clinical parameter (SmO-O), the sixth ayurvedic clinical parameter (Tdh), the data given in the table and information showing the affected body part or disease in the subject human body.

No. of Pages : 41 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1649/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD FOR OBTAINING SILVER NANO PARTICLES FROM METALLIC SILVER CONTAINING WASTE

(51) International classification :B82B3/00
(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 :N/A
(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)DR RAJESH CHANDRAKANT PATIL

Address of Applicant :BHAVANS COLLEGE, ANDHERI (W), MUMBAI-400 058 Maharashtra India

(72)Name of Inventor :

1)DR.R. C. PATIL

2)PROF A. R. PAWAR

3)DR. SWATI D. WAVHAL

4)DR. MRS. RAMA K. BHADDEKAR

5)SANDESH S. MANDAVKAR

6)SUNIL S. YADAV

7)MAKBA M. FARHAAN

8)SAILA MULLA

(57) Abstract :

In an preferred mode of the invention aromatic carboxylic acid in water and neutralizing with base till clear solution is obtained which is used as prepare reaction mixture to digest silver containing waste material to obtain salt of the aromatic carboxylic acid, the waste material is digested for an hour and filtered through standard filter paper, the same is oxidised in crucible till white ash is obtained, in which concentrated nitric acid is added in presence of catalyst to obtain silver nitrate; which is further treated with alkali citrate solution and heating it till pale yellow colour is appears which indicates formation of silver nanoparticles which is further characterise by using analytical techniques,

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1806/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :22/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PLANETARY WHEEL GRINDING MACHINE FOR ONLINE GRINDING

(51) International classification	:B02C 7/00	(71)Name of Applicant : 1)MILIND DINKAR KELKAR
(31) Priority Document No	:NA	Address of Applicant :PLOT NO.B-11/B-14, M.I.D.C. AREA,
(32) Priority Date	:NA	NEAR RLY. STATION, AURANGABAD - 431 005.
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MILIND DINKAR KELKAR
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a planetary wheel grinding machine for grinding bars. The machine grinds round bars online. Further, the machine and the process achieve heavy stock removal and at feed rates of 15M/min to 100M/mm. The machine includes a rotating drum, a grinding wheel and a wheel wear compensation assembly for moving the grinding wheel on a pivoted bracket after wearing thereby maintaining pressure on the bar.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1825/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PRODUCING 2-HYDROXY-3, 5-DIIODOBENZOIC ACID

(51) International classification	:C07C 23/00	(71)Name of Applicant : 1)OMKAR SPECIALITY CHEMICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :B-34, MIDC, BADLAPUR (EAST),
(32) Priority Date	:NA	DIST-THANE-421503, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)TELVEKAR, VIKAS NARENDRA
Filing Date	:NA	2)HERLEKAR, OMKAR PRAVIN
(87) International Publication No	:N/A	3)DURVE, KETAKEE SANJAY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a process for preparation of 2-hydroxy-3, 5-diiodo benzoic acid with high yield and purity which comprises reacting salicylic acid in an alcohol with iodine monochloride, wherein iodine monochloride is generated insitu from the mixture of iodine or a salt of hydro iodic acid and chlorinating agent in presence of an oxidizing agent.

No. of Pages : 13 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1897/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :30/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : POVIDONE-IODINE AND CHITOSAN CONTAINING DRESSING OINTMENT AND A PROCESS OF MANUFACTURING THE SAME.

(51) International classification	:A61K 31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HELOIS PHARMACEUTICALS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :HELIOS HOUSE, 651/1, GULBAI
(33) Name of priority country	:NA	TEKRA, PANCHWATI, AHMEDABAD-380 006, GUJARAT
(86) International Application No	:NA	STATE, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)PATEL ADESH KIRTIKUMAR
(61) Patent of Addition to Application Number	:NA	2)PATEL ADITYA D.
Filing Date	:NA	3)PANCHAL NITIN K.
(62) Divisional to Application Number	:NA	4)PATEL ANILKUMAR SHANKARLAL
Filing Date	:NA	

(57) Abstract :

A biodegradable pharma grade dressing ointment for treatment of wounds, cuts, abrasions, surgical sutures and any such injuries, in the form of topical hemostatic-antiseptic dressing ointment essentially comprising of chitosan and povidone-iodine as active substances which altogether synergizes the effect of proposed invention, as the chitosan serves the purpose of topical hemostatis with antimicrobial activity for arresting the bleeding and efficiently promoting the faster healing whereas povidone-iodine enhances the wound healing property by preventing the contamination and infection at the affected site.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1939/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SPAIREL PAPER TUBE WINDER MACHINE

(51) International classification

:B31C
3/00

(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

:N/A

(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)KARHADKAR ASHISH ARUN

Address of Applicant :NEELKKANTH ENGINEERING, A/2-
789/1, 40 SHED, G.I.D.C., VAPI, DI. VALSAD, GUJARAT,
INDIA.

(72)Name of Inventor :

1)KARHADKAR ASHISH ARUN

(57) Abstract :

In the present invention, tube angle bad is mounted on main body, wherein two motors and gear box systems are provided at both the end of tube angle bad. In the center of tube angle bad mandril griper is provided to grip the guide roller shaft. Multi strip rack is provided on the tube angle bad to guide the paper strip before it wound around the guide roller. Tow vertical drums are provided on the both the gear box, drum sliding wheel (9), mandrill slid wheel (10), mandril griper (11)

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2038/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :18/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : EUROPIUM CHALCOGENIDE THIN FILMS BY SPRAY PYROLYSIS DEPOSITION AND METHOD THEREOF

(51) International classification	:C07F	(71)Name of Applicant :
(31) Priority Document No	3/00	1)BETKAR MAHESHWAR MALLIKARJUN
(32) Priority Date	:NA	Address of Applicant :PHYSICS RESEARCH CENTRE,
(33) Name of priority country	:NA	M.G.M. AHMEDPUR, DIST. LATUR. PIN_413515, MS,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	2)DR.BAGDE G.D.
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)BETKAR MAHESHWAR MALLIKARJUN
Filing Date	:NA	2)DR.BAGDE G.D.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention concerns the method for preparation of europium chalcogenide thin films, deposited by spray pyrolysis. Formation of thin films is based on a general formula, R_aC_b , wherein R represents the europium and C represent a chalcogen, a and b represents the proportions of europium and chalcogen respectively. The method comprises, pyrolysis of liquid precursor of said europium (R) and a chalcogen (C) or liquid precursor of said europium (R) and at least one liquid precursor of said chalcogen (C), prepared in aqueous and non-aqueous solvent mediums. The liquid precursor is sprayed on hot substrate, with pre-determined parameters like substrate temperature, precursor concentration, precursor composition, nozzle to substrate distance, spray rate, carrier gas flow rate and pressure on the carrier gas. Scientifically important thin films of comparatively thin in thickness and of good morphological characteristics are synthesized.

No. of Pages : 39 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2011/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CONGESTION AVOIDANCE AND CONTROL NEAR SINK IN WIRELESS SENSOR NETWORK FOR RANDOM TOPOLOGY

(51) International classification	:G08C	(71)Name of Applicant :
(31) Priority Document No	17/00	1)Mr. Vivek Shankar Deshpande
(32) Priority Date	:NA	Address of Applicant :D-19 Prathmesh Chintamani Nagar
(33) Name of priority country	:NA	Bibwewadi Pune 411037 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Mr. Vivek shankar Deshpande
(87) International Publication No	: NA	2)Jagdish B Helonde
(61) Patent of Addition to Application Number	:NA	3)Vijay M Wadhai
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

When several sensors observe an event and try to periodically report it congestion around sink may set or when many sensors stream data to a sink congestion around the sink may occur. The congestion in the network leads to packet loss and it costs precious energy. This shortens the lifetime of nodes. This also adversely affects the data traffic. With the help of proposed congestion avoidance and control mechanism algorithm we can achieve the increased lifetime and increase in the Packet Delivery Ratio. The invention is described by way of example with reference to the following drawings FIG. 1 of sheet 1 is schematic view illustration of relay system where 1 denotes sink and other points denotes various sensors

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2031/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : APPARATUS FOR FOCUS OPTIMIZATION AND TRACKING OF SUN BY SOLAR CONCENTRATORS

(51) International classification	:H01L31/052,G02B26/08	(71)Name of Applicant : 1)MULLER, HANS CHRISTOPH Address of Applicant :CORONEL ARIAS 1091, POSTAL CODE: 4600, SAN SALVADOR DE JUJUY, JUJUY, ARGENTINA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : 1)MULLER, HANS CHRISTOPH
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a system for focus optimization and tracking of sun by solar concentrators. The system comprises one or more solar concentrators, at least one imaging device per focus, at least one processor, at least one drive unit, and a plurality of actuators. The system performs tracking of sun by the plurality of solar concentrator on basis of a real focus position obtained by the plurality of imaging devices rather than on calculated or measured sun position. The system optimizes size and position of the focus until a maximum efficiency of the solar system is achieved.

No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2100/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :23/07/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ECONOMICAL, USER-FRIENDLY APPLICATOR FOR AGRICULTURE.

(51) International classification

:A01B69/00
,A01B79/00

(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

:N/A

(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)MR.SHARAD NATHU CHAUDHARI

Address of Applicant :AT LEEDSKEM GROUP, D-50,
MIDC, JALGAON - 425003, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)MR.SHARAD NATHU CHAUDHARI

(57) Abstract :

The present invention provides an economical and user-friendly agricultural applicator which has wide variety of applications in agriculture including but not restricted to digging holes for applying fertilizers, pesticides, insecticides, herbicides for all crops, applying fertilizers, pesticides, insecticides, herbicides in any form like solid, liquid, suspension, solution or packed in capsules, tablets or any other type of packing, it can also be used for sowing seeds; an applicator of the present invention is constructed from mild steel, or cast iron, or gun metal, or any other metal or alloy or composite material or various combinations thereof and it comprises of Cone or Pyramid with optional base plate, said cone or pyramid is extended into an Extension, having an arrangement for attaching Handle, Adopter and Handle; extension as well as handle of the applicator has plurality of bores at various locations and various positions for fitting fasteners, having inside BSP threading, said handle is rod made from mild steel, or cast iron, or gun metal or any other metal or alloy or wood or composite material or pipe made from mild steel, or cast iron, or gun metal or any other metal or alloy or composite material.

No. of Pages : 26 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2135/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :27/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD FOR SAFE & ECO-FRIENDLY DEVELOPMENT OF COMMUNITY LIQUID WASTE

(51) International classification	:C02F 1/00	(71)Name of Applicant : 1)JOY MANGLANI
(31) Priority Document No	:NA	Address of Applicant :601 KUMAR HARSHWARDHAN
(32) Priority Date	:NA	LAYOUT 6, JUHU VERSOVA LINK ROAD, ANDHERI (W)
(33) Name of priority country	:NA	MUMBAI 400 053 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JOY MANGLANI
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for safe and eco-friendly development of waste which comprises stepwise processes for complete re-composition of underutilized resources, through analysis, segregation and integration. It combines novel physical, chemical and biological processes to create products that add value to environment or to economy. It senses, monitors, rectifies and enhances the resources, processes and products at various steps to ensure their utility, safety, efficiency and propagation. It also comprises embodiments that lead to; reduction, reuse and recycling of resources including material and energy; enhancement of air, soil, water, plants, greenery and environment, energy conservation, energy generation, reduction in global warming and climate change, development of havens for wildlife including flora and fauna, enhanced quantity, quality and distribution of rainfall, enhanced dissolved oxygen in water, enhanced absorption and storage of solar energy, watershed development, enhanced aquaculture and fisheries development, symbiotic lifestyle management of human beings, farm animals and plants, flood control mechanisms, draught control mechanisms, abatement of environmental pollutants, abatement of environmental hazards, hazardous waste processing, including asbestos & asbestos waste.

No. of Pages : 63 No. of Claims : 121

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/07/2012

(21) Application No.2055/MUM/2012 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : UNIQUE AND INNOVATIVE DOOR WITH BURGLAR TRAPPING SYSTEM

(51) International classification	:E05B	(71)Name of Applicant :
(31) Priority Document No	13/00	1)NITIN SHARAD VAIDYA
(32) Priority Date	:NA	Address of Applicant :TRIMUTI, GREAT GANGA
(33) Name of priority country	:NA	HOUSING SOCIETY, KOTHRUD, PUNE, 411052. Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	2)DAMODAR RAMRAO PINPRATIWAR
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NITIN SHARAD VAIDYA
Filing Date	:NA	2)DAMODAR RAMRAO PINPRATIWAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses Unique and innovative door with burglar trapping system. The trapping mechanism which is fixed in the door and attached to the door levers is used to trap the hands of intruder (unauthorized person), who is attempting to open the door with mal intentions. A authorize person uses regular door opening mechanism to open the door and sets the trapping mechanism ON to provide the high security. When burglar rotates the main handle to open the door, the trapping mechanism gets activated. The trap arms are unwrapped to hold the hand of the burglar. Once the unauthorized person is trapped, then he cannot escape or break trap. Only authorize person can release the trapped person. This invention is used to provide high security in cost effective manner and helps the proper authorities to catch the unauthorized person in red hand.

No. of Pages : 32 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2123/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :25/07/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BUTTON COVERS TO BE USED AS CLOTHING ACCESSORIES.

(51) International classification	:A44B	(71)Name of Applicant :
(31) Priority Document No	01/00	1)MIRRAR JEWELS P LTD
(32) Priority Date	:NA	Address of Applicant :UNIT C-4, WICEL, OPP.SEEPZ
(33) Name of priority country	:NA	MAIN GATE, MIDC, ANDHERI (EAST), MUMBAI - 400 093,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SHAH, HIMANSHU
(61) Patent of Addition to Application Number	:NA	2)CHATTERJEE, PRABIR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to button covers to be used as clothing accessories. These button covers can be made of precious or non-precious metals and can be embedded with precious or semi-precious stones to enhance the beauty of the button. The button cover has a slider attached to it which secures the cover from below the button. The slider in this invention is based on a spring tension clasping system which gives it strength and longevity. These button covers can be wore on the sleeves in place of cuff links. Some men also wear a button cover at the top button on the collar and in this way replace them with ties. The present invention provides security in terms of an elaborate locking system due to which there are negligible chances of the button cover falling off.

No. of Pages : 19 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.216/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/01/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENDOCERVICAL & ECTOCERVICAL SPATULA FOR COLLECTION OF SAMPLE FOR CERVICAL CYTOLOGY

(51) International classification	:A61B 10/00	(71)Name of Applicant : 1)KRISHNA INSTITUTE OF MEDICAL SCIENCES (Deemed to be University declared U/s 3 of UGC Act 1956 vide notification no. F.9-15/2001-U-3 of the Ministry of Human Resource Development Govt. of India) Address of Applicant :KRISHNA INSTITUTE OF MEDICAL SCIENCES NEAR DHEBEWADI ROAD MALKAPUR KARAD MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)DR. RADHIKA NANDAKUMAR JOSHI
(33) Name of priority country	:NA	2)MR. NIKHIL ARVIND KANHERE
(86) International Application No	:NA	3)DR. ASHA KRISHNA PRATINIDHI
Filing Date	:NA	4)DR. MRS. SUSHAMA DESAI
(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	

(57) Abstract :

The invention is devised which can take smear from any type of cervix. Since it enters endocervical canal there is no need for separate brush to take endocervical smears. It is made up of wood. It can take good scraping of endo cervix and transformation zone also. It gives very good scrapes without bleeding. Newly devised spatula is sturdy & can withstand repeated sterilization & reuse cycles. New spatula saves on resources, increases efficiently & quality of smears.

No. of Pages : 8 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1835/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :27/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PRE-LOAD SWITCHING SYSTEM FOR FRONT FORK

(51) International classification	:B60G 17/00	(71)Name of Applicant : 1)GABRIEL INDIA LIMITED
(31) Priority Document No	:NA	Address of Applicant :29TH, MILESTONE, PUNE NASIK
(32) Priority Date	:NA	HIGHWAY, VILLAGE : KURULI, TAL:KHED, DIST: PUNE -
(33) Name of priority country	:NA	410 501 MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DIVAKAR BHAT
(87) International Publication No	:N/A	2)MALLIKARJUN MARANOOR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a preload adjustment mechanism for front fork of a vehicle. The mechanism includes an adjuster means having a cam profile a plunger rod being mounted within the adjuster means and a bolt cap for holding the plunger rod against linear and rotational pressure. Upon giving rotational motion to the plunger rod, a protrusion of the plunger rod slides over the cam profile thereby achieving a predefined preload level.

No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2192/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :31/07/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A SYSTEM AND METHOD FOR SPEND ANALYSIS OF THE SERVICE CATEGORY.

(51) International classification

:G06F
17/60

(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

:N/A

(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)ZYCUS INFOTECH PVT. LTD.

Address of Applicant :GJ-07, SEEPZ++, SEEPZ SEZ,
ANDHERI(EAST), MUMBAI - 400096., MAHARASHTRA,
INDIA.

(72)Name of Inventor :

1)MR. SACHIN SHARMA

2)CHITRESH JAIN

(57) Abstract :

The present invention introduces a system containing an integration of iContract module and SPM module for analyzing and taking actions pertaining to contracts and suppliers performance in procurement process, comprising: iContract module containing database of contracts of suppliers; and SPM module adapted for measuring, analyzing and managing the performance of a supplier; it allows to view the supplier performance report corresponding to the specific contract being selected as well as to view contracts corresponding to the specific supplier being selected; present system allows the user to make a decision regarding renewal or termination of the contract with specified supplier, based on the performance report of the supplier.

No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2012

(21) Application No.1960/MUM/2012 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR CONTINUOUS PRODUCTION OF ALCOHOL

(51) International classification

:C12O
7/06

(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

:N/A

(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)IBI CHEMATUR (ENGINEERING AND
CONSULTANCY) LTD.**

Address of Applicant :IBI HOUSE, S-86 ANDHERI KURLA
ROAD, CHIMATPADA, MAROL NAKA, ANDHERI(EAST),
MUMBAI - 400 059, MAHARASHTRA, INDIA.

2)MITSUI ENGINEERING & SHIPBUILDING CO., LTD.

3)CHEMATUR ENGINEERING A B

(72)Name of Inventor :

1)SHAH, A., MANOJ

2)SAJGURE, ASHWINI

3)OHNO, KATSUHIRO

4)TAKAOKA, KAZUE

5)FURUKAWA, JUN

6)ERIKSSON, ANNA

(57) Abstract :

A method for continuous production of an alcohol to produce ethanol from molasses, including a fermentation step of continuously fermenting a mixed liquid containing molasses and ethanol fermentation yeast having flocculating and settling properties in a fermentor to obtain a fermentation liquor; a yeast separation step of continuously withdrawing the fermentation liquor from the fermentor and sending the fermentation liquor to a yeast separation tank, and separating yeast cells of the ethanol fermentation yeast by gravity settling from the fermentation liquor in the yeast separation tank to obtain a de-yeasted fermentation liquor and a yeast cell suspension; a yeast cell return step of continuously withdrawing the yeast cell suspension from the yeast separation tank and returning the yeast cell suspension to the fermentor; and a suspended solids separation step of continuously withdrawing the de-yeasted fermentation liquor from the yeast separation tank, sending the de-yeasted fermentation liquor to a suspended solids separation tank, and separating suspended solids derived from molasses by gravity settling from the de-yeasted fermentation liquor in the suspended solids separation tank to obtain a suspended solids-separated fermentation liquor and a suspension of suspended solids.

No. of Pages : 51 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/07/2012

(21) Application No.2007/MUM/2012 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PREPARATION OF HIGHER DERIVATIVES OF B-KETOESTER

(51) International classification	:C07B61/00 ,C07C51/09 ,C07C55/08	(71)Name of Applicant : 1)OMKAR SPECIALITY CHEMICALS LIMITED Address of Applicant :B-34, MIDC, BADLAPUR (EAST), DIST-THANE-421503, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)HERLEKAR, OMKAR PRAVIN
(33) Name of priority country	:NA	2)DURVE, KETAKEE SANJAY
(86) International Application No	:NA	3)PANDEY, RAJESH JAGDISHPRASAD
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses synthesis of β -ketoester derivatives of formula (I) Wherein, R1 alkyl group containing C1-C8 carbon atoms or aromatic ring; R2 is alkyl group containing C1-C18 carbon atoms, alkenyl group or phenyl group, by chelate mediation and subsequent hydrolysis using diluted mineral acid.

No. of Pages : 10 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2028/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/07/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CHEMICAL BATH DEPOSITION EQUIPMENT

(51) International classification	:C25D 19/00	(71)Name of Applicant : 1)BETKAR MAHESHWAR MALLIKARJUN
(31) Priority Document No	:NA	Address of Applicant :SHIVAI, GOKUNDA, TQ.KINWAT,
(32) Priority Date	:NA	DIST. NANDED, MS, INDIA, PIN_431811. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BETKAR MAHESHWAR MALLIKARJUN
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention concerns chemical bath deposition equipment for depositing the thin films and method thereof. The deposition method implemented by the invented equipment is advantageous in that, the integrated embodiment bi-directional DC motor successfully optimizes the thermal field distribution and flow field distribution inside the chemical bath reaction fluid, which improves the quality of thin films synthesized. The multiple substrate design enhances the quantity, hence less consumption of experimental compound solutions. The reaction ambience inside the housing is well isolated from the outside atmosphere for creating the toxic free surrounding.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2348/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/08/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : REAL TIME VISIBLE LIGHT WIRELESS COMMUNICATION

(51) International classification	:H04B10/10 ,H04L27/00	(71)Name of Applicant : 1)PROF. DIPASHREE MILIND BHALERAO
(31) Priority Document No	:NA	Address of Applicant :111/II/SOUTH BLOCK, 44/1 OFF
(32) Priority Date	:NA	SINHGAD RD, VADGAON BUDRUK, PUNE,
(33) Name of priority country	:NA	MAHARASHTRA India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PROF. DIPASHREE MILIND BHALERAO
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention envisages a system and method of wireless data transmission using visible light. Visible light can be transmitted by LED bank and received via an optical assembly having telescopic lens attached to high speed camera. Light intensity is now focused at the center of said camera based upon which the data is treated as 1 or 0. The present system enabling data coding and transmission provides a high speed and low power consuming method for wireless communication for both short and long distances.

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2283/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :12/08/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A DRY CONCRETE MIX AND PROCESS OF PRODUCING THE SAME USING A CONCRETE MIX VEHICLE

(51) International classification	:B28C	(71)Name of Applicant :
	5/00	1)MR. NILESH K. PATEL
(31) Priority Document No	:NA	Address of Applicant :PLOT NO.51, THATTE NAGAR
(32) Priority Date	:NA	COLLEGE ROAD, NASHIK-422 005 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MR. NILESH K. PATEL
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A dry concrete mix and process of producing thereof, using a concrete mix vehicle, the said process comprising a concrete mix vehicle characterized in that, the Dry concrete cube (1) is lifted with a vehicle mounted crane (2), on the chassis of the vehicle, a power generator (3) is being provided on the vehicle by fixing means on the chassis, which provides a power in need of during dry mix of concrete, at the location, an operators cabin constructed at front side, the said cabin could be useful for the quality control such as testing cement, sand , ash etc, a water storage tank (7) and delivery system is being provided

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2234/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : THE METHOD AND PREPARATION OF WOMEN SEX BOOSTING TONIC

(51) International classification	:A61K 31/00	(71) Name of Applicant : 1)SANJAY DATTATRAY DHALKARI Address of Applicant :PLOT NO.39, SHRIHARI NAGAR, OPP MIDC, BASMAT ROAD, PARBHANI-431401, 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)SANJAY DATTATRAY DHALKARI
(87) International Publication No	:N/A	2)SANJAY MATHURADAS BAJAJ
(61) Patent of Addition to Application Number	:NA	3)VILAS VINAYAKRAO KADI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a boosting tonic. More particularly it relates to women sex boosting tonic and or increasing appetite for sex. Further, more specifically it relates to a a non hazardous, non reactive, high satisfaction level and increase sex power in women to use on the skin of sexual part of the women. Also it relates to method of manufacturing sex boosting tonic.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2443/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :02/09/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : RAPID CURING OF RESIN BONDED GRINDING WHEELS USING DUAL FUNCTION OF MICROWAVE SUSCEPTOR

(51) International classification

:c09k

3/14

(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

:N/A

(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)PRADEEP METALS LTD.

Address of Applicant :R205, MIDC, RABALE, NAVI-MUMBAI 400 701, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)MR. PRADEEP GOYAL

2)MR. RITESH JAISWAL

3)DR. SHIVANAND BORKAR

(57) Abstract :

Rapid microwave curing of resin bonded grinding wheels using multifunctional sample holders made from microwave susceptor materials involving accelerated and volumetric controlled heating for curing of resin bonded grinding wheels. Rapid curing of grinding wheels by exposing them to the electromagnetic radiations (EMR) in microwaves frequency in the range of 900 to 3000 MHz, more particularly in the range 2450 ± 50 MHz. Susceptors are not only used as sample separators but also absorb microwaves effectively and efficiently at room temperature, which in turn heat the grinding wheels initially and then microwaves heat them volumetrically and rapidly. They also act as load that maintain the final geometry of the grinding wheel after curing, and absorb reflected microwaves from metallic constituents present in the grinding wheel. The microwave susceptor material used in the present invention is carbon bearing material e.g. graphite and/or silicon carbide. The microwave process provides an attractive alternative route to the curing of grinding wheels rapidly and economically.

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2905/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :19/10/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : DIAPHRAGM OPERATED CNG PRESSURE REGULATOR WITH MULTIFEATUES.

(51) International classification

:F02M
17/04

(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

:N/A

(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)VANAZ ENGINEERS LIMITED

Address of Applicant :85/1 PAUD ROAD, PUNE - 411 038,
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)SARVATE SURESH RAGHUNATH

(57) Abstract :

A diaphragm operated CNG pressure regulator (100) connected to a CNG cylinder, comprising: a bonnet (114), a diaphragm (115), a body (116), a junction block (117), a safety relief valve (113), a high-pressure filter (112), a bull-nose connector (120), a CNG pressure gauge (111) and a refueling adaptor (104), said regulator (100) is rigidly mounted on the CNG cylinder directly at said junction block (117) by means of a bull-nose connector (120) and a coupling screw (119) in a sealing manner, wherein the outlet pressure of CNG can be reduced from 200 to any desired pressure by adjusting the spring load exerted by a spring (100) on said diaphragm (115) by means of an adjusting screw (109).

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2450/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :02/09/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITIONS FOR EXTENDED PERIODS OF SKIN MOISTURIZATION

(51) International classification	:A61K 8/00	(71)Name of Applicant : 1)MARICO LTD
(31) Priority Document No	:NA	Address of Applicant :RANG SHARDA
(32) Priority Date	:NA	KRISHNACHANDRA MARG BANDRA RECLAMATION
(33) Name of priority country	:NA	BANDRA(WEST) MUMBAI - 400050, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)AVANI MAINKAR
(61) Patent of Addition to Application Number	:NA	2)NIDHI AGARWAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to skin moisturising compositions comprising upto 30% of coconut oil as a single active and cosmetically acceptable excipients, water, and optionally sensory modifiers wherein the said compositions retain moisturizing for substantially extended periods. The excipients are emulsifiers, structurants and thickeners. The sensory modifiers are preferably included in the compositions containing coconut oil from 10-30%. The invention also discloses a process for the preparation of moisturising compositions comprising steps: preparing a water phase by mixing water and preservatives followed by addition of thickener with heating upto 70°C; preparing an oil phase by mixing coconut oil, emulsifiers and structurants with heating upto 70°C; adding the heated oil phase to heated water phase followed by homogenization at temperatures upto 50 °C; adding neutralizer followed by the optional addition of a sensory modifier with heating upto 50 °C.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3009/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/10/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AUTOMATIC ANY REQUIRED TEST TEA MAKING MACHINE.

(51) International classification	:A23F3/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GHODAKE SATWASHIL NANDAKUMAR
(32) Priority Date	:NA	Address of Applicant :BUILDING NO. 33/9, SECTOR-21,
(33) Name of priority country	:NA	SCH-6, YAMUNANAGAR, NIGDI, PUNE-411 044,
(86) International Application No	:NA	MAHARASHTRA. India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)GHODAKE SATWASHIL NANDAKUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to this invention automatic tea making machine are arranged in such a way that any required test tea can make quickly and continuously changing test as required with low cost. First time this machine tea solid element is liquefied and removes unwanted materials (i.e. tea leaf) and arranges adding sugar and milk so that any type of test tea make quickly.

No. of Pages : 19 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3593/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :02/11/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMBINED REMOTE CONTROL FOR AC AND CEILING FAN.

(51) International classification	:G05F1/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PATEL PANKAJ HIRALAL
(32) Priority Date	:NA	Address of Applicant :C-1,SHUBHAM
(33) Name of priority country	:NA	FLATS,OPP:KUSHAL FLATS,LAD SOCIETY
(86) International Application No	:NA	ROAD, VASTRAPUR,AHMEDABAD-380 015,GUJARAT
Filing Date	:NA	STATE,INDIA.
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PATEL PANKAJ HIRALAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides combined controlling system for air conditioner and ceiling fan which allows automatic alternative working of air conditioner (2) and ceiling fan (5) on the desired mode such as normal mode (M1), cool mode (M2), comfort mode (M3) and economy mode (M4) for the desired time duration, wherein the said combined controlling system (1) mainly comprising of Main unit (3) and Secondary unit (4). The main unit (3) mainly consists of ON/OFF switch (OS), bypass switch (BS), timer key (TK), and the mode key (MK). The main unit (3) is provided with the encoder IC which sends RF/IR encoded signals to secondary unit whereby the said signals are converted to DC voltages and decodes the said signals and further transfers them to the microcontroller to turn ON/OFF the ceiling fan (5).

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3410/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : MULTI LEVEL LOW FREQUENCY TECHNOLOGY FOR INCITING MINERALS IN WATER TO PREVENT HARD SCALE & COMBO EFFECT OF ULTRA SOUND WITH METAL IONS IMPLEMENTATION TO PREVENT BIO FOULING

(51) International classification	:C02F1/48	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR.SUBODH SAWANT
(32) Priority Date	:NA	Address of Applicant :15, VARSHADEEP VANSHRUSHTI
(33) Name of priority country	:NA	NAGAR, BADLAPUR [W], THANE - 421503 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. SUBODH SAWANT
(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	

(57) Abstract :

Equipment for Water treatment using multilevel low frequency technology for inciting minerals in water to prevent hard scale and effect of ultrasound with metal ions implementation to prevent Bio fouling. An equipment for auto ascendancy and prevention bio foulness in still and unclear water is in non-chemical way, the said equipment comprises of: 1) Power unit 2) Bio- fouling control unit 3) Descaling unit 4) Reservoir which includes microprocessor based multi frequency circuit wherein, said circuit includes: a) set of metal electrodes immersed in a cooling lower sump and electrically connected to 110/230V AC wherein when current passes through the metal electrodes ionization takes place and minor amount of metal parts are released in water for prevention of bacteria, algae. b)the set of inductors coils immersed in a cooling lower sump connected electrically to i 10/230 V AC here in current passes through inductor coil to generate low level frequencies in water because of which there is less precipitation of chemicals like calcium and magnesium salt on the reservoir body.

No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.609/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IMPROVED DEVICE FOR PHYSIOLOGICAL MONITORING OF NEONATES AND PEDIATRIC PATIENT

(51) International classification	:A61B5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House Ballard Estate Mumbai
(33) Name of priority country	:NA	400 001 State of Maharashtra India and also having a place of
(86) International Application No	:NA	business named as Medical Equipment & Systems Gate No. 5
Filing Date	:NA	Mysore Campus KIADB Industrial Area Hebbal Mysore-
(87) International Publication No	: NA	570018 Karnataka India.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TEJAS Depaklal Bengali
(62) Divisional to Application Number	:NA	2)RAVINDRAN Nagarajan
Filing Date	:NA	

(57) Abstract :

The present invention relates an improved device for physiological monitoring of neonates and pediatric patient . The device comprises an enclosure means . The enclosure means comprises a front side of the enclosure means, a back side of the enclosure means and a central module of the enclosure means. The front side of the enclosure means comprises a display means adapted to display waveforms, numerical value and animations; a capacitive touch keyboard; a speaker means and a visual alarm comprises LED having different colors. The central module of the enclosure means operatively connected with the front and back side . The central module comprises a controller means operatively connected with a capacitive touch keyboard; visual alarm ; a level convertor means operatively connected with the controller means and the display means adapted to provide interface between the controller and display means; a speaker driver operatively connected with the controller means and the speaker means to operate the speaker means.

No. of Pages : 33 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.839/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/03/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : KRISHNA PLASTER-FREE MEAN VALUE DENTAL ARTICULATOR

(51) International classification	:A61C13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KRISHNA INSTITUTE OF MEDICAL SCIENCES
(32) Priority Date	:NA	Address of Applicant :KRISHNA INSTITUTE OF MEDICAL
(33) Name of priority country	:NA	SCIENCES NEAR DHEBEWADI ROAD MALKAPUR
(86) International Application No	:NA	KARAD MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JAGTAP JAGDISH SHANKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is used for mounting dental models to make it possible to reproduce the movement and relative position of the jaws of patient on whose jaws dentures or crowns are to be fitted, without the use of plaster / any other adhesive medium. In order to construct an acceptable denture or crown the dentist makes negative impression of the affected tooth / teeth. The negative impression of patients arches is then processed normally in a dental laboratory to become a mold into which material for forming positive dental casts is poured. These positive casts are duplicates of patients arches with or without teeth and will then become the primary model to which the denture or crown is to be constructed. The dental casts are then mounted mechanically in an articulator to permit arrangement of the dentures or crowns in their proper position for occlusion.

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3412/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/08/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SINGLE STROKE ENGINE

(51) International classification	:F02B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)D. ABILASH
(32) Priority Date	:NA	Address of Applicant :NO. 79/227, PANDAMANGALAM,
(33) Name of priority country	:NA	THIYAGARAJA NAGAR, WORAIYUR, TRICHY 620 003
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	2)N. BAPTIC PACKIARAJ
(87) International Publication No	: NA	3)S. SURESH KUMAR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)D. ABILASH
(62) Divisional to Application Number	:NA	2)N. BAPTIC PACKIARAJ
Filing Date	:NA	3)S. SURESH KUMAR

(57) Abstract :

This patent work is based on the diesel engine that works on single stroke, which produces power for every 180° revolution of crank. The combustion occurs on both sides of the piston. The engine cylinder and piston is sealed on both sides to avoid leakage. The sealing is made by expandable ring in the piston and compression ring in the bottom of the cylinder. The connecting rod moves in a reciprocating motion and does not oscillate. This linear motion of the piston is converted into rotary motion in crank shaft by a connecting rod with sliding mechanism. The engine produces relatively more power than any other reciprocating engine. The Power to Weight ratio for this engine is high.

No. of Pages : 9 No. of Claims : 4

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.1094/DEL/1995 A

(19) INDIA

(22) Date of filing of Application :14/01/1995

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF POLYMER USEFUL FOR THE CONVERSION OF ESTERS AND AMIDES TO CORRESPONDING ALCOHOLS AND AMINES

(51) International classification

:C08L
33/08

(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 Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)RAGHUNATH ANANT MASHLKAR

2)MOHAN GOPALKRISHNA KULKARNI

3)ROHINI NITIN KARMALKAR

(57) Abstract :

The present invention provides a process for the preparation of a new polymeric composition which exhibits catalytic activity similar to hydrolytic enzymes especially -chymotrypsin. The process of the present invention involves reacting vinyl monomers comprising functional groups present in the active site of a-chymotrypsin. The functional groups are brought together by complexation with a metal ion and an appropriate print molecule. The complex is then immobilized by polymerization in the presence of a cross-linker and a U.V. sensitive monomer. The resulting composition exhibits hydrolytic activity similar to -chymotrypsin and is useful for the conversion of esters and amides to. the corresponding alcohols and amines. The composition offers additional advantages such as enhanced catalytic activity due to improved accessibility in the high surface area .polymeric catalyst, stability at elevated temperatures, ease of recovery from the reaction mixture, ability to withstand pH variations and ability to switch on-off the catalytic activity by photoregulation.

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.14/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :04/01/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : Process for Crystal Modification of Hydrozinium Nitroformate

(51) International classification

:C06B

(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

:NA

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2)Javaid Athar

3)Mrinal Ghosh

4)Amarjit Singh

5)Alapati Subhananda Rao

(57) Abstract :

The process for crystal modification of Hydraziniijm Nitroformate (HNF) to reduce the aspect ratio (L/D), and reduced sensitivity comprising the steps of: a) preparing modified crystals of HNF with controlled shape and size; b) preparing precured polyurethane based nano-composite for coating of said modified HNF; c) coating of the modified crystals with the polyurethane based nanocomposite based on polyols.

No. of Pages : 11 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3481/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :10/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOUNDS FOR TREATMENT OF ALZHEIMER'S DISEASE

(51) International classification	:C07D
(31) Priority Document No	:61/104,434
(32) Priority Date	:10/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/060132
Filing Date	:09/10/2009
(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

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(72)**Name of Inventor :**
1)GHOSH Arun Kumar

(57) Abstract :

Described herein are compounds, and pharmaceutical compositions, methods, and uses thereof for treating Alzheimers disease.

No. of Pages : 49 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.366/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :18/02/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : PCR BASED MARKERS FROM RDNA ITS REGION FOR SPECIES DISCRIMINATION OF ZOONOTIC TREMATODE PARASITES

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DEPARTMENT OF BIOTECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :BLOCK-2, 7TH FLOOR, CGO
(33) Name of priority country	:NA	COMPLEX LODI ROAD, NEW DELHI-110003. Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VEENA TANDON
(87) International Publication No	:NA	2)ANUPAM CHATTERJEE
(61) Patent of Addition to Application Number	:NA	3)PRAMOD KUMAR PRASAD
Filing Date	:NA	4)LALIT MOHAN GOSWAMI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to A PCR-based molecular method dealing with markers from rDNA ITS region wherein the primers are 3S (forward): 5GGTACCGGTGGATCACTCGGCTCGTG-3 A28 (reverse): 5-GGGATCCTGGTTAGTTTCTTTTCCTCCGC-3 for species discrimination of zoonotic trematode parasites, comprising, recovering egg from mature adult flukes by squeezing between two glass slides, extracting DNA using Whatmans FTA card technique, DNA amplification using rDNA region spanning ITS2.

No. of Pages : 19 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.373/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :19/02/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN APPARATUS FOR DECOLOURIZATION OF ANALYTES AND A PROCESS THEREOF

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)RITA SANDIP DHODAPKAR
(61) Patent of Addition to Application Number	:NA	2)NAGESWARA RAO NETI
Filing Date	:NA	3)TAPAS NANDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is an apparatus for decolourization of analytes and a pretreatment process for colour removal from water and wastewater prior to analysis. The invention is based on titanium dioxide and UV light induced oxidation of chromophore bearing compounds which cause interference in analysis of anions by spectrophotometric or turbidimetric methods.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.402/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :24/02/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : Novel Microbicides

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Syngenta Participations AG
(32) Priority Date	:NA	Address of Applicant :Schwarzwaldallee 215 4058 Basel
(33) Name of priority country	:NA	Switzerland. Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)POULIOT Martin
(87) International Publication No	: NA	2)LEFRANC David Guillaume Claude Francois
(61) Patent of Addition to Application Number	:NA	3)QUARANTA Laura
Filing Date	:NA	4)LAMBERTH Clemens
(62) Divisional to Application Number	:NA	5)SRINIVAS Nityakalyani
Filing Date	:NA	

(57) Abstract :

Compounds of formula I wherein G, represents together with the two ring atoms of the pyrimidine ring to which it is attached, a 5- to 6-membered aromatic heterocyclic ring system which contains one or two heteroatoms selected from the group consisting of nitrogen, oxygen and sulfur, and the other sUBstituents are as defined in claim 1, are suitable for use as m icrobiocides.

No. of Pages : 44 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.395/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :23/02/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : ACID ADDITION SALTS OF IVABRADINE AND PREPARATION THEREOF

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)IND-SWIFT LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :S.C.O. NO. 850, SHIVALIK
(33) Name of priority country	:NA	ENCLAVE, NAC MANIMAJRA, CHANDIGARH-160 101
(86) International Application No	:NA	INDIA Chandigarh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)SINGH GAJENDRA
(61) Patent of Addition to Application Number	:NA	2)SINGH SATYENDRA PAL
Filing Date	:NA	3)WADHWA LALIT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides novel acid addition salts of ivabradine of formula I, including their hydrates, solvates, anhydrous form, and non solvated form, both in amorphous and crystalline forms.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5320/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : STEREOPICTURE SHOOTING BRACKET

(51) International classification	:G03B 35/00
(31) Priority Document No	:200810204797.1
(32) Priority Date	:17/12/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/075654
Filing Date	:16/12/2009
(87) International Publication No	:WO 2010/069254
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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200237 (CN) China

(72)**Name of Inventor :**
1)GU, JINCHANG

(57) Abstract :

A stereopicture shooting bracket, includes: a bracket (10), a base (9) mounted on the base (10), a curved rail mounted on the base (9), a sliding block (2) moving along the curved rail (1), a camera (3) capable of continuous shooting mounted on a top of the sliding block (2), and a driving device for driving the sliding block (2). A circle the curved rail (1) locating locates on a horizontal plane. The stereopicture shooting bracket according to the present invention is capable of shooting pictures of a same object continuously from different angles, so as to overcome the drawback that the focus, metering, and angle of different cameras can not be consistent at the shooting moment.

No. of Pages : 9 No. of Claims : 5

(54) Title of the invention : FORMATION OF THIN UNIFORM COATINGS ON BLADE EDGES USING ISOSTATIC PRESS

(51) International classification :B26B 21/60
 (31) Priority Document No :12/352,371
 (32) Priority Date :12/01/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/020686
 Filing Date :12/01/2010
 (87) International Publication No :WO 2010/081118
 (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)WANG, XIANDONG**2)SONNENBERG, NEVILLE**

(57) Abstract :

The invention discloses isostatic-pressing (IP) applied to polymer (e.g., PTFE) coated razor blade edges to produce thin, dense, and uniform blade edges which in turn exhibit low initial cutting forces correlating with a more comfortable shaves. The isostatic press utilized may be a hot isostatic press (HIP) or cold isostatic press (CIP) or any other isostatic press process. The HIP conditions may include an environment of elevated temperatures and pressures in an inert atmosphere. The HIP conditions may be applied to non-sintered coatings or sintered coatings or before or after a Flutec® process is applied to coatings. CIP conditions may include room temperature and elevated pressure. The polymeric material may be a non-fluoropolymer or copolymer material or any composite thereof. It may be deposited initially by any method, including but not limited to, dipping, spin coating, sputtering, or thermal Chemical Vapor Deposition (CVD).

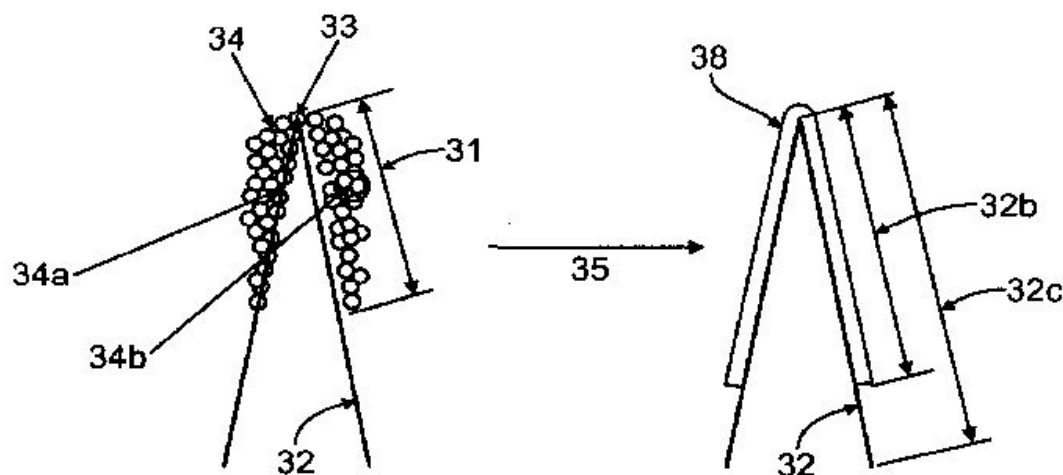


Fig. 3

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5324/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : DIRECT CONTACT CONDENSING IN AN ACID GAS REMOVAL PROCESS

(51) International classification :B01D 53/40
(31) Priority Document No :12/354,916
(32) Priority Date :16/01/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/067861
Filing Date :14/12/2009
(87) International Publication No :WO 2010/082994
(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)PAN, JUNFENG

2)HUANG, RICHARD

3)DAVIS, LAMAR A.

(57) Abstract :

Systems and processes disclosed herein relate to the utilization of direct contact condensing to provide heat to a solvent regeneration loop in an acid gas removal process. A first direct contact condenser can be included in the upper section of a concentrator that removes acid gas from a rich solvent stream. A first slip stream can be heated in the first direct contact condenser and can be combined with the rich solvent stream in the lower section of the stripper. A second direct contact condenser can be included in the lower section of an absorber that removes acid gas from a feed gas. A second slip stream can be heated in the second direct contact condenser, and can be combined with the rich solvent stream before the rich solvent stream is provided to the concentrator.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5326/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : LATCHES

(51) International classification :E05B 65/12

(31) Priority Document No :0822529.4

(32) Priority Date :10/12/2008

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2009/002858

Filing Date :10/12/2009

(87) International Publication No :WO 2010/067074

(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)CHEVALIER, JOHN, PHILIP

(57) Abstract :

A latch for an automotive closure comprises a claw (2), which is spring- biased towards the semi-latched position, for engaging a striker (15) fixed to the closure, a pawl (4) for latching open the claw (2) and a single electric motor (40) selectively coupled to the pawl to cause it to release the claw to open the latch, in one direction of rotation of the motor, and to claw to move it into the fully latched position, in the opposite direction of the motor.

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.509/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/03/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : ANTI HYPOGLYCEMIC AND HYPOLEPIDEMIC COMPOUND AND A PROCESS THEREOF

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHARMA, SUMAN BALA
(32) Priority Date	:NA	Address of Applicant :C-235 A, SURYA NAGAR,
(33) Name of priority country	:NA	GHAZIABAD-201011 (U.P.), INDIA. Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHARMA, SUMAN BALA
(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	

(57) Abstract :

The present invention comprises identification of active compound of formula I obtained from C. auriculata leaves for the development of new herbal drug having better therapeutic potential for treatment of diabetes and its complications. The present invention also demonstrates antihyperglycemic, hypolipidemic, antioxidant and antiatherosclerotic activity of the compound. The present invention also provides formulations comprising said active compound of Formula I. The present invention also relates to method for obtaining active compound of Formula I.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5294/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :08/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PURIFYING LIPOPEPTIDES□

(51) International classification :C07K
(31) Priority Document No :61/153,660
(32) Priority Date :19/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/NO2010/000066
Filing Date :19/02/2010
(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 :
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Address of Applicant :Dalslandsgate 11 2300 Kobenhavn S
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(72)Name of Inventor :
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2)Eli Karin Dale
3)Sissel Hauge
4)Carsten Overballe-Petersen
5)Kjersti Aastrop Hirth
6)Dennis Brian Hansen

(57) Abstract :

The present invention relates to a process for purifying lipopeptides. More particular, the invention provides an improved method for purifying daptomycin.

No. of Pages : 13 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5329/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : STABILIZED AGROCHEMICAL COMPOSITION

(51) International classification	:A01N 43/40
(31) Priority Document No	:61/143,494
(32) Priority Date	:09/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/020344
Filing Date	:07/01/2010
(87) International Publication No	:WO 2010/080891
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)FOWLER JEFFERY D.

2)MILN COLIN D.

(57) Abstract :

Stabilized liquid agrochemical compositions are provided which comprise flowable non-aqueous dispersion concentrates comprising a continuous substantially water-miscible liquid phase, a dispersed water-immiscible liquid phase, and a colloidal solid. In one embodiment, the dispersed phase comprises at least one water-sensitive agrochemically active ingredient and the colloidal solid is disposed at the interface between the dispersed phase and the continuous phase. In another embodiment, the water-sensitive agrochemically active ingredient is a solid but is dissolved in an oily liquid present in the dispersed phase, or is a solid and is dispersed within the dispersed phase, or is a solid complex of an agrochemical with a molecular complexing agent and is dispersed within the dispersed phase. The compositions of the invention can be used directly or with dilution to combat pests or as plant growth regulators.

No. of Pages : 35 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5331/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ALPHA-DERIVATIVES OF CIS-MONOUNSATURATED FATTY ACIDS INTENDED FOR USE AS A DRUG

(51) International classification	:A61K 31/201
(31) Priority Document No	:P200803480
(32) Priority Date	:09/12/2008
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2009/070561
Filing Date	:04/12/2009
(87) International Publication No	:WO 2010/066931
(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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3)GWENDOLYN BARCELO COBLIJN

4)VICTORIA LLADO CANELLAS

5)RAFAEL ALVAREZ MARTINEZ

6)SILVIA TERES JIMENEZ

7)DANIEL LOPEZ

8)JUANA BARCELO ESTARELLAS

9)JULIAN TAYLOR GREEN

10)GERARDO AVILA MARTIN

(57) Abstract :

Alpha-derivatives of cis-monounsaturated fatty acids for use as medicines. The present invention refers to pharmaceutically acceptable compounds of Formula I, their salts and derivatives, where (a) and (b) can take any value between 0 and 14, (X) can be substituted by any atom or group of atoms with an atomic/molecular weight between 4 and 200 Da and (R) can be substituted by any atom or group of atoms with an atomic/molecular weight between 1 and 200 Da, for use as medicines.

No. of Pages : 75 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5346/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SPRAYING METHOD AND DEVICE FOR A ROLLING PLANT

(51) International classification	:B21B 27/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/FR2009/000113
Filing Date	:02/02/2009
(87) International Publication No	:WO 2010/086514
(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)VINCENT CRONIER
2)BERNARD ROSSIGNEUX

(57) Abstract :

The invention relates to a spraying method and device for a plant for rolling a strip (1), said plant comprising at least one rolling stand, said device including: a pair of working rolls (2a, 2b) between which the strip (1) runs; a plane (P) perpendicular to the running direction of the strip; at least one pair of supporting rolls (3a, 3b) for said working rolls (2a, 2b); two pairs of bearing rolls (5a, 5a, 5b, 5b), each of said pairs having the rolls (5a, 5a, 5b, 5b) thereof substantially symmetrically arranged on either side of the working rolls (2a, 2b) in a plane substantially parallel to the strip so as to transfer, to said working rolls (2a, 2b), a force for maintaining said working rolls in a predetermined position relative to the supporting roll; a support for said bearing rolls (5a, 5a, 5b, 5b) in the form of two rows including a plurality of bearing rollers (6) mounted side by side; at least one nozzle system for spraying at least a portion of the strip and at least a portion of said rolls, characterized in that at least one of the nozzle systems is capable of directly spraying at least a portion of the working rolls on either side of said plane which is perpendicular to the running direction of the strip.

No. of Pages : 48 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4902/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :24/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL PROCESSES AND PURE POLYMORPHS

(51) International classification	:C07C
(31) Priority Document No	:2056/KOL/2008
(32) Priority Date	:26/11/2008
(33) Name of priority country	:India
(86) International Application No	:PCT/GB2009/051597
Filing Date	:25/11/2009
(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

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(57) Abstract :

The present invention relates to crystalline forms of the active pharmaceutical ingredient vorinostat, processes for their preparation and their use in pharmaceutical compositions.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5295/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :08/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ANTI-Siglec-15 ANTIBODY □

(51) International classification :C07K
(31) Priority Document No :2009-094613
(32) Priority Date :09/04/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/056294
Filing Date :07/04/2010
(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

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(72)Name of Inventor :
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2)TSUDA Eisuke
3)TAKIZAWA Takeshi
4)NAKAYAMA Makiko

(57) Abstract :

Disclosed is a pharmaceutical composition for treating and/or preventing abnormalities of bone metabolism, which targets a protein encoded by a gene that can be strongly expressed in osteoclasts. Specifically disclosed are: a pharmaceutical composition containing an antibody that can recognize human Siglec-15 specifically and has an activity of inhibiting the formation of osteoclasts; and others.

No. of Pages : 324 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5296/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :08/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEVICE FOR DRIVING A SHUTTLE IN THE REED OF A CIRCULAR LOOM WITHOUT CONTACT□

(51) International classification	:D03D
(31) Priority Document No	:A 0108/2009
(32) Priority Date	:22/01/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/EP2010/050398
Filing Date	:14/01/2010
(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

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(72)**Name of Inventor :**
1)WAGNER Nikolaus

(57) Abstract :

The invention relates to a device for driving a shuttle (1, 1) that can be moved in the reed (17) of a circular loom along a circular orbit (16) without contact, comprising at least one permanent magnet (29, 29) on the shuttle (1, 1) and at least one magnet (22, 22) that is operatively connected to the at least one permanent magnet (29, 29) of the shuttle (1, 1) and that is arranged on a drive element (10) that can be moved concentrically to the orbit (16) of the shuttle, wherein an air gap (11) is formed between the shuttle (1, 1) and the drive element (10). The at least one permanent magnet (29, 29) of the shuttle (1, 1) and the at least one magnet (22, 22) of the drive element (10) are polarized in such a way that the at least one permanent magnet of the shuttle and the at least one magnet of the drive element mutually attract each other by means of magnetic forces and thus form a magnetic attraction section (14).

No. of Pages : 17 No. of Claims : 11

(54) Title of the invention : SYSTEMS AND METHODS FOR CHARACTERISTIC PARAMETER ESTIMATION OF GASTRIC IMPEDANCE SPECTRA IN HUMANS

(51) International classification :A61B 5/053
 (31) Priority Document No :61/160,409
 (32) Priority Date :16/03/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/027362
 Filing Date :15/03/2010
 (87) International Publication No :WO 2010/107715
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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1)BELTRAN, NOHRA, E.

2)DE FOLTER, JOZEFUS, J.M.

3)GOODINEZ, MARIA, M.

4)SACHRISTAN, EMILIO

(57) Abstract :

Impedance spectroscopy has been proposed as a method of monitoring mucosal injury due to hypoperfusion and ischemia in the critically ill. The invention includes an algorithm developed to calculate the characteristic electrical values that best describe human gastric impedance measurements and simplify the information obtained with this method. A database of gastric spectra was obtained from healthy volunteers, cardiovascular surgery and critically ill patients. The gastric spectrum forms two semi circles in the complex domain, divided into low frequency ($F < 10$ kHz) and high frequency ($F > 10$ kHz). A fitting algorithm was developed based on the Cole model, and central characteristic parameters were calculated. The parameters were validated using the normalized mean squared error and 0.7 % of the spectra were discarded. From the experimental data obtained in humans, the greatest changes observed as the gastric mucosa becomes ischemic occur at low frequencies, which are specific and sensitive to tissue damage, and vary with the degree of hypoperfusion.

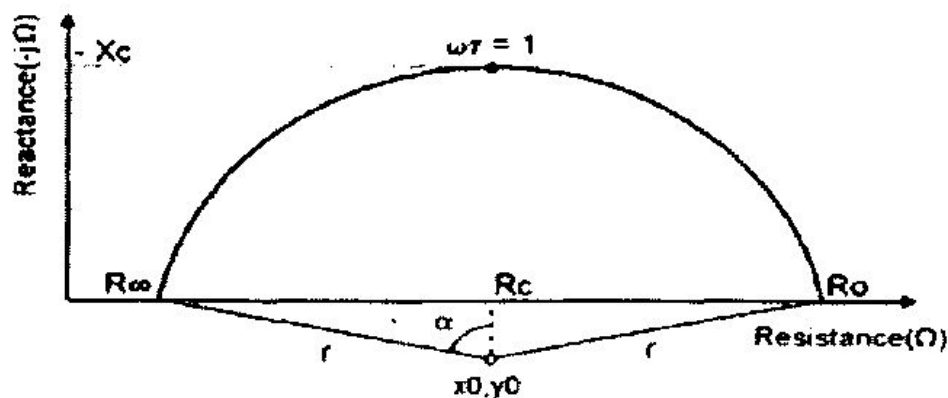


Fig. 1 Plot of impedance resembling semi circle in complex domain x_0, y_0 are the centre of the semi circle, and r is it's radius. Central resistance (R_c), reactance (X_c) and frequency (F_c) are calculated were $\omega\tau=1$.

No. of Pages : 34 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5336/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPACTED PELLETIZED ADDITIVE BLENDS FOR POLYMERS

(51) International classification :C08K 13/02

(31) Priority Document No :61/122,247

(32) Priority Date :12/12/2008

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2009/067315

Filing Date :09/12/2009

(87) International Publication No :WO 2010/068666

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

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2)LAFRANCE, TANIA, M.

3)D'UVA. SALVATORE

(57) Abstract :

Compacted additive blends, or polymer stabilization agent blends, can be added during the post-polymerization process to enhance the processability performance of polymers. The addition of certain compaction aids, such as high melting or non-melting metallic silicates and others, increases the resistance to friability of the compacted additive pellets. These compaction aids are non-migratory during the compaction process and after introduction into the polymer resin and thus have no deleterious effects. The additive blend can contain a variety of suitable additives in addition to the compaction aids.

No. of Pages : 40 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.386/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :22/02/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PROCESS OF MANUFACTURING BI-AXIALLY ORIENTED POLYESTER FILM DIRECTLY FROM THE POLYMER MELT □

(51) International classification

:C08J

(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

:NA

Filing Date

:NA

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2)Rajander Singh Gaur

3)Rama Krishna Rao Kuchipudi

4)Bidhan Krushna Mohanty

5)Ashutosh Mathur

(57) Abstract :

The present invention relates to a process of manufacturing bi-axially oriented polyester film directly from the polymer melt. More particularly, the said process minimises the waste generated in the process and/or to reuse the waste. The present process is capable to produce single or multilayer bi-axially oriented polyester film, having uniform thickness.

No. of Pages : 34 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.416/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :24/02/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYSTEM FOR ADJUSTING TEMPERATURE OF FLUE GAS IN WASTE HEAT RECOVERY (WHR) BOILER OUTLET OF PRE HEATER IN CEMENT KILN

(51) International classification

:F28C

(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

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Filing Date

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1)Tang Jinquan

(57) Abstract :

A system for adjusting temperature of flue gas at the outlet of a waste heat recovery boiler of a pre-heater in a cement kiln is described herein. The system includes a conditioning tower, a waste heat boiler, and at least one low pressure steam boiler provided at the outlet of the waste heat boiler. The conditioning tower conditions the flue gas coming from a pre-heater of the cement kiln, the waste heat boiler condenses flue gases coming from the pre-heater, thereby producing steam, and the low pressure steam boiler adjusts the pressure of the flue gas coming out of the waste heat boiler. REFER FIGURE I

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5135/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :04/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : REGENERATIVELY COOLED POROUS MEDIA JACKET

(51) International classification :F02K9/40
(31) Priority Document No :61/120,776
(32) Priority Date :08/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/067219
Filing Date :08/12/2009
(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

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2)FISHER David J.
3)LONDON Adam Pollok
4)FRYER Jack Merrill

(57) Abstract :

The fluid and heat transfer theory for regenerative cooling of a rocket combustion chamber with a porous media coolant jacket is presented. This model is used to design a regeneratively cooled rocket or other high temperature engine cooling jacket. Cooling jackets comprising impermeable inner and outer walls, and porous media channels are disclosed. Also disclosed are porous media coolant jackets with additional structures designed to transfer heat directly from the inner wall to the outer wall, and structures designed to direct movement of the coolant fluid from the inner wall to the outer wall. Methods of making such jackets are also disclosed.

No. of Pages : 71 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5340/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD OF INDUCING CLEAVAGE OF AMYLOID PRECURSOR PROTEIN TO FORM A NOVEL FRAGMENT

(51) International classification :C07K
(31) Priority Document No :61/122,705
(32) Priority Date :15/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/068010
Filing Date :15/12/2009
(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

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(72)Name of Inventor :

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2)WEBER Eckard

3)GREEN Kim Nicholas

(57) Abstract :

The present invention provides a method of inducing cleavage of amyloid precursor protein to produce an approximately 17 kilodalton carboxy-terminal fragment of amyloid precursor protein in a subject, the method comprising administering a heterocyclic compound or a pharmaceutically acceptable salt, hydrate or prodrug thereof to a subject in need thereof, wherein the approximately 17 kilodalton fragment includes the carboxyterminal amino acid sequence of amyloid precursor protein and amyloid-beta amino acid sequence. Also provided is a screening method for identifying compounds induce cleavage of amyloid precursor protein to produce the approximately 17 kilodalton carboxy-terminal fragment of amyloid precursor protein.

No. of Pages : 40 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5341/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PREPARATION OF SILOXANES

(51) International classification :C08G
(31) Priority Document No :61/122,764
(32) Priority Date :16/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/064318
Filing Date :13/11/2009
(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

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3)NGUYEN Kimmai T.
4)TELGENHOFF Michael David
5)WELLS Robert

(57) Abstract :

[0028] The invention relates to a process for producing siloxanes comprising reacting at least two siloxanes in the presence of an ion exchange resin catalyst comprising from 6 to 19 weight %, based upon the dry weight of the ion exchange resin catalyst, water, at a temperature from ambient to 110 0C. The invention also relates to a process for reusing the ion exchange resin catalyst after the reacting of the at least two siloxanes in the presence of the ion exchange resin catalysts comprising adding water to the ion exchange resin catalyst to readjust the water content to from 6 to 19 weight % water, based on the dry weight of the catalyst, and then reacting at least two siloxanes in the presence of the readjusted water content ion exchange resin catalyst.

No. of Pages : 15 No. of Claims : 10

(54) Title of the invention : METHODS AND COMPOSITIONS FOR PROTEIN LABELLING

(51) International classification :A61K 51/08
 (31) Priority Document No :61/156,165
 (32) Priority Date :27/02/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/025334
 Filing Date :25/02/2010
 (87) International Publication No :WO 2010/099273
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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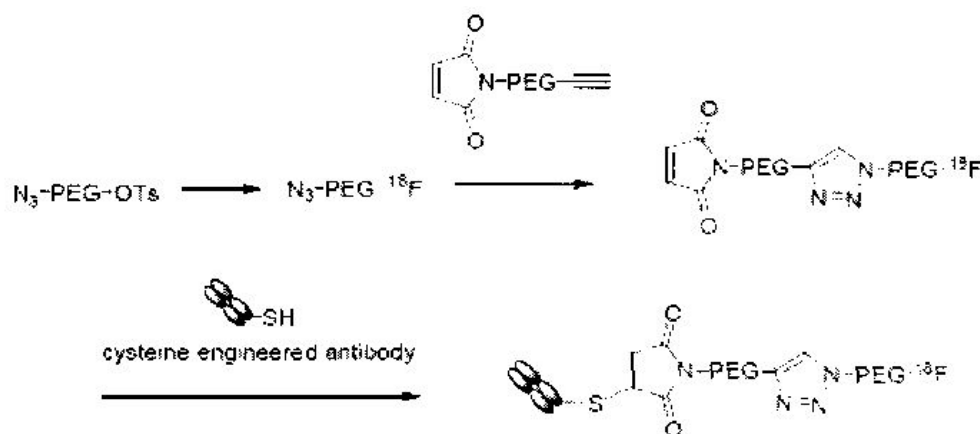
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(72)Name of Inventor :

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(57) Abstract :

A modular platform is provided for rapid preparation of various water-soluble prosthetic groups capable to efficiently introduce ^{18}F into proteins with ^{18}F labelling reagents. Figure: 1

**Figure 1**

No. of Pages : 53 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5350/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : TASTING GLASS

(51) International classification	:A47G 19/22
(31) Priority Document No	:0950126
(32) Priority Date	:12/01/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/050206
Filing Date	:11/01/2010
(87) International Publication No	:WO 2010/079225
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ARNAUD BARATTE

(57) Abstract :

The tasting glass (1), of the type comprising a parison (2) generally being rotationally symmetrical around a vertical axis, comprises within said parison (2) a set of at least two internal ribs (7) evenly distributed on the periphery of the parison (2), extending in a substantially vertical plane, almost from the bottom of the glass, up to a height of the parison (2) lower than the normal filling level of the glass, different for each of the ribs (7). The tasting glass also comprises a dome (8), called nose-cap, located on the axis of the glass at the bottom of the parison (2). The ribs (7) each have the shape of a propeller blade surface. The invention also relates to a method for producing the glass according to the invention. Figure 1

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5351/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : CHAIN GUIDE PLATE

(51) International classification :F16G 13/04
(31) Priority Document No :10 2009 006244. 0
(32) Priority Date :27/01/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/066193
Filing Date :02/12/2009
(87) International Publication No :WO 2010/086049
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHRISTIAN POIRET

(57) Abstract :

The invention relates to a chain guide plate, more particularly a chain guide side plate, having a contour profile (1) which has at least one contour profile section (3) of concave configuration and at least one contour profile section (7) of convex configuration situated opposite the contour profile section (3) of concave configuration. The proposal is that an area (22) formed by the contour profile section (7) of convex configuration can be arranged within an area (21) formed by the contour profile section (3) of concave configuration. Figure 1

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5352/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : FREEZE-DRYER AND METHOD OF CONTROLLING THE SAME

(51) International classification :f26b9/00;F26B 5/06
(31) Priority Document No :12/414,760
(32) Priority Date :31/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/025135
Filing Date :24/02/2010
(87) International Publication No :WO 2010/117508
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROBERT REX SEVER

3)BALAZS HUNEK

4)THEODORE HALL GASTEYER, III

(57) Abstract :

A freeze-dryer and method of controlling the same is provided. The disclosed freeze-dryer includes a chamber adapted to hold material or product to be freeze-dried; one or more depressurization orifices; a gas pressurization circuit having a source of gas to pressurize the chamber to a prescribed pressure; a depressurization circuit coupled to the chamber via the one or more orifices and having a depressurizing control valve; and a control unit adapted to pressurize the chamber with the source of gas and actuate the depressurizing control valve to depressurize the chamber upon command. The ratio of total depressurization orifice area to the chamber volume is preferably between about 6×10^{-2} and about $4 \times 10^{-4} \text{ m}^2/\text{m}^3$.

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5353/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : CHLORHEXIDINE ACETATE ANTISEPTIC CLEANING AGENT

(51) International classification	:A61L 2/18
(31) Priority Document No	:12/349,347
(32) Priority Date	:06/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069209
Filing Date	:22/12/2009
(87) International Publication No	:WO 2010/080652
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)DAVIS, BRYAN G.

2)HOANG, MINH Q.

3)KHAN, MOHAMMAD A.

4)HUNT, DONALD E.

(57) Abstract :

An antiseptic cleaning agent, generally, comprising chlorhexidine acetate and a solvent, such as an alcohol and/or water. The chlorhexidine acetate acts as a highly effective biocide. Additionally, the chlorhexidine acetate allows the cleaning agent to dry without leaving a tacky residue. Where the cleaning agent comprises one or more alcohols, the alcohols may comprise any suitable alcohols, including lower alcohols having from 1 to 6 carbon atoms, such as ethanol and isopropanol. In addition to chlorhexidine acetate, the cleaning agent optionally comprises another non-alcohol biocide, such as triclosan. The cleaning agent can be used in any suitable manner. For instance, the cleaning agent may be impregnated in an absorbent material, such as a towelette, swabstick, or gauze. Additionally, the absorbent material may comprise a positively charged or a non-ionic substance, such as polypropylene or polyester. FIG 2

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5347/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PX OXIDATION REACTOR FOR PRODUCING TEREPHTHALIC ACID

(51) International classification :B01J 8/22
(31) Priority Document No :200910076703.1
(32) Priority Date :15/01/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN09/075384
Filing Date :08/12/2009
(87) International Publication No :WO 2010/081358
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)LIJUN LI
6)YINGZHI WANG
7)XIANGZHI XIE
8)YADAN ZHANG
9)GUORUI LAO
10)HAO ZHENG
11)XIANGYI CHEN

(57) Abstract :

A PX oxidation reactor for producing terephthalic acid comprises a reactor shell (1). The reactor shell (1) is in a tower shape and has a ratio of height to diameter of 2.8-5. A distributed-type air intake device and a cyclonic-type air intake device are disposed at the bottom of the reactor shell (1). The distributed-type air intake device comprises outer ring air distributing tube (4) and inner ring air distributing tube (5), wherein the air distributing tubes (2) are in circle shape. The cyclonic-type air intake device comprises multiple cyclonic air intake tubes (3) which are distributed around the vessel wall uniformly. Adopting combined air intake revolving device can force the fluid at the bottom of the reactor to rotate by adequate quantity of air, and the reactor has good air dispersion thus maintaining materials in normal suspension state. Moreover, adopting a ratio of height to diameter between that of high temperature reactor and that of low temperature reactor can both avoid maldistribution phenomenon occurring in low temperature reactor with a high ratio of height to diameter and have less power consumption superior to high temperature reactor.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5348/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : HYDRAULIC SYSTEM FOR WORKING VEHICLE

(51) International classification :F16H 57/02
(31) Priority Document No :2009-017879
(32) Priority Date :29/01/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/071575
Filing Date :25/12/2009
(87) International Publication No :WO 2010/087096
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)TAKESHI YOSHIKAWA
2)HITOSHI MIYAMOTO

(57) Abstract :

A low-pressure pump (13) supplies oil stored in a steering case (32) to a steering device (4) as lubricating oil via a steering lubricating circuit (31). A high-pressure pump (14) supplies the oil stored in the steering case (32) to a clutch via a high-pressure circuit (33). A transmission lubricating circuit (34) branches off from the high-pressure circuit (33) via a relief valve (51) and supplies lubricating oil to a transmission device (3). A transmission-lubricating assist circuit (35) is provided so as to branch off from the steering lubricating circuit (31) and is connected to the transmission lubricating circuit (34). A transmission case (36) stores the oil used to lubricate the transmission device (3). A scavenging pump (15) returns the oil stored in the transmission case (36) to the steering device (4).

No. of Pages : 29 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5349/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : BI-OBLIQUE TIP TANK FOR LNG

(51) International classification	:B63B 25/16
(31) Priority Document No	:0952046
(32) Priority Date	:31/03/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050573
Filing Date	:29/03/2010
(87) International Publication No	:WO 2010/112748
(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)GAZTRANSPORT ET TECHNIGAZ
Address of Applicant :1 ROUTE DE VERSAILLES, F-78470
SAINT REMY LES CHEVREUSE, FRANCE France
(72)**Name of Inventor :**
1)JULIEN SIGAUDES
2)SEBASTIEN DELANOE

(57) Abstract :

Ship including a bearing structure and a sealed and thermally insulated bow tank (53) designed to contain liquefied natural gas, said bow tank having several tank bulkheads (54, 55, 56, 57, 58, 59, 60, 61, 62, 63) attached to said bearing structure with each tank bulkhead having successively, in the direction of the thickness, from the inside to the outside of said bow tank, a primary sealed barrier, a primary heat insulating barrier, a secondary sealed barrier and a secondary heat insulating barrier, a first bulkhead (56) and a second bulkhead (63) among the said tank the heads, being adjacent to a ridge, with the primary sealed barrier of said first bulkhead including at least a first strake (67) connected at said ridge to said bearing structure by a pillar (69), characterised by the fact that the primary sealed barrier of said second bulkhead includes at least a second strake (64) connected at said ridge to said bearing structure by means of said pillar (69). (Figure for abstract: figure 4)

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.535/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :09/03/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : SURFACE MODIFIED POROUS POLYMERS FOR ENHANCED CELL GROWTH

(51) International classification	:C08B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DR. PRASAD, L. V. BHAGAVATULA
(61) Patent of Addition to Application Number	:NA	2)VIRGINIA D'BRITTO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for surface modification of polymer that enhances cell growth as well as inhibits growth of microorganisms is disclosed.

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5342/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SPLIT CYCLE RECIPROCATING PISTON ENGINE

(51) International classification	:F02B 41/06
(31) Priority Document No	:0822720.9
(32) Priority Date	:12/12/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002867
Filing Date	:11/12/2009
(87) International Publication No	:WO 2010/067080
(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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OLD SHOREHAM ROAD, SHOREHAM-BY-SEA, WEST
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(72)Name of Inventor :

1)JACKSON, NEVILLE, STUART

2)ATKINS, ANDREW, FARQUHAR

(57) Abstract :

A split cycle reciprocating piston engine includes a compression cylinder (2) accommodating a compression piston (4) and an expansion cylinder (12) accommodating an expansion piston (14). The compression cylinder (2) has an inlet port (30) for the admission of air and an outlet port (36) which communicates with a first path of a heat exchanger (5). The expansion cylinder (12) has an inlet port (52), which communicates with the first path of the heat exchanger (5), and an outlet port (56), which communicates with a second path of the heat exchanger (5) in heat exchange relationship with the first path. The method of operating the engine includes injecting a liquefied, non-oxidising, non-combustible gas, such as nitrogen, into the compression cylinder (2).

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5343/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : HYDROPONIC CULTURE METHOD FOR THE PRODUCTION OF HALOPHYTES

(51) International classification :A01G 7/00
(31) Priority Document No :0858538
(32) Priority Date :12/12/2008
(33) Name of priority country :France
(86) International Application No :PCT/EP09/066872
Filing Date :10/12/2009
(87) International Publication No :WO 2010/066857
(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)UNIVERSITE DE BRETAGNE OCCIDENTALE
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29238 BREST CEDEX 3, FRANCE France
2)KERVITA
(72)Name of Inventor :
1)ANNA MEUDEC
2)NATHALIE POUPART

(57) Abstract :

The invention relates to a. hydroponic culture method for the production of at least one halophytic plant, consisting of the following steps, namely: a first culture step in a non-saline medium, comprising the germination of sown seeds of at least one halophytic plant; and a second culture step in a saline medium, comprising the growth of the germinated plants obtained in the first culture step, with the transition between the first and second cultivation steps being performed as soon as the maximum germination plateau is reached.

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5362/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : DIGITAL STEREO IMAGING PHOTSENSITIVE DEVICE FOR A GRATING AND A PHOTSENSITIVE MATERIAL AND ITS METHOD

(51) International classification	:G03B 27/52
(31) Priority Document No	:200810204798.6
(32) Priority Date	:17/12/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/075656
Filing Date	:16/12/2009
(87) International Publication No	:WO 2010/069256
(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)SHANGHAI YIYING DIGITAL TECHNOLOGY CO., LTD.

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(72)**Name of Inventor :**
1)GU, JINCHANG

(57) Abstract :

A digital stereo imaging photosensitive device for a grating and a photosensitive material, includes: a photosensitive platform (8), connected with a base via a platform moving mechanism; a compressing mechanism (7) mounted on the photosensitive platform, wherein -a grating (5) is positioned on the compressing mechanism; a LCD displayer (2) suspending above the photosensitive platform; and a lens suspending above the photosensitive platform via a lens moving mechanism, wherein the lens is under the LCD displayer. And a method for digital stereo projection. The present invention does not need photosensitive paper after combining the grating and the photosensitive material, is capable of separating the photosensitive material and the grating after projection and sensitization, so that an ordinarily developing device can be used to develop. Furthermore, a double-faced film layer in the photosensitive material and the grating during projection and sensitization is not needed, and the color contract of the stereopictures is better than that of the prior art combining the grating with the photosensitive material before projection.

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5363/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : TRANSPORTABLE COMPACT MACHINE FOR PREPARING DRINK

(51) International classification :A47J 31/44

(31) Priority Document No :09150461.3

(32) Priority Date :13/01/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/050178

Filing Date :11/01/2010

(87) International Publication No :WO 2010/081774

(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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VEVEY, SWITZERLAND Switzerland

(72)Name of Inventor :

1)TALON, CHRISTIAN

2)DENISART, JEAN-LUC

3)PLEISCH, HANSPETER

4)MEIER, ALAIN

(57) Abstract :

Machine for preparing a drink, which comprises a body (20) and a head (21) fitted with a liquid-injection assembly (6), which comprises a support (7) to accommodate a portion of food ingredients and comprising a passage (10) through which the said drink can flow, the said head (21) being mounted on the said body (20) such that it can move in order to move from a retracted stowage position, in which the space occupied by the machine is minimal and the passage (10) is covered, into a deployed service position in which the space occupied by the machine is greater than the space occupied in the retracted position. In the retracted position, a housing (33) is provided in the head to accommodate the support (7) and, in the deployed position, the passage (10) is uncovered in order to allow the drink to flow over an empty space intended for the insertion of a container

No. of Pages : 42 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5354/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PREPARATION OF A PYRITHIONE SALT DISPERSION USABLE IN URETHANE APPLICATIONS

(51) International classification	:C08G 18/24
(31) Priority Document No	:12/322,256
(32) Priority Date	:30/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/021906
Filing Date	:25/01/2010
(87) International Publication No	:WO 2010/088157
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)INDULIS GRUZINS
2)KIRAN B. CHANDALIA
3)BRIAN L. COOPER
4)THOMAS E. ROBITAILLE
5)MAURICIO DA SILVA FRANZIM

(57) Abstract :

The present invention relates to a stable pyrithione salt polyol dispersion containing a pyrithione salt(s) in particulate form, a polyol and a stabilizer such as a rheological additive. The dispersion can be incorporated into existing polyurethane formulations without additional formula adjustment. Polyurethane foams produced from the composition containing pyrithione salt polyol dispersion of the present invention have more open cell structures, than those produced with a typical commercially available pyrithione salt thus providing a soft comfortable feeling.

No. of Pages : 16 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5355/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROFILED KEY FOR CYLINDER LOCKS

(51) International classification	:E05B 19/02
(31) Priority Document No	:0900207-2
(32) Priority Date	:18/02/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050189
Filing Date	:18/02/2010
(87) International Publication No	:WO 2010/096009
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)WIDEN, BO

(57) Abstract :

A key for use in a cylinder lock with a rotatable key plug having a profiled key way. The key comprises an elongated, substantially flay key blade (120; 120) having a longitudinal profile groove (122; 122) extending along at least a portion of the length of the key blade. The groove has an undercut portion (129) adjacent to a ridge portion (128, 128), the outside of which forms part of a side surface (123; 123) of the key blade. The undercut portion (129; 129) of the groove is expanded, at its innermost part adjacent to and inside said ridge portion, into a longitudinally extending pocket (135; 135).

No. of Pages : 23 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5356/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ELECTROMECHANICAL PRESSURE SWITCH WITH DISADVANTAGEOUS-LEVER AMPLIFICATION SYSTEM

(51) International classification	:H01H 35/26
(31) Priority Document No	:MI2008A002250
(32) Priority Date	:18/12/2008
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2009/0067063
Filing Date	:14/12/2009
(87) International Publication No	:WO 2010/069911
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)OMATI, MARCO GEROLAMO

2)OMATI, ENNIO

(57) Abstract :

An electromechanical pressure switch is described comprising a hollow body formed by a base (1) and a cap (9), between which an elastically deformable membrane (5) is clamped and closes a pressure sensing chamber (4) which communicates with an inlet hole (3) for a pressurized fluid, and lever means (15) for transmitting the deformation of the membrane (5) caused by the pressurized fluid to an actuating push button (22) of a switchable microswitch (23). The lever means (15) consist of a one-piece third-kind lever (15), comprising a first end bend (16) clamped together with said membrane (5) between said base (1) and said cap (9) and a flat part (18) which bears at the free end a projecting rib (21) for controlling said actuating push button (22) of the microswitch (23). The flat part (18) of the lever (15) is adjustably fixed to an adjusting screw (13) having an axis coinciding with that of the pressure switch which has a spherical tip (12) in contact with a central point (11) of the membrane (5). Fig.1

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5357/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SPLICING SYSTEM

(51) International classification :H04N 7/24

(31) Priority Document No :61/216,071

(32) Priority Date :13/05/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/051528

Filing Date :08/04/2008

(87) International Publication No :WO 2010/131128

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)SUNDY LEN

2)MIRSKY YAIR

3)ZENTNER ARIEL

4)WEINBACH Yael

(57) Abstract :

A system for switching from a first (14) to a second (16) audio/video sequence, the second sequence (16) including a splice point time stamp (12), the system including a disk (18) to store the first sequence (14), a receiver to receive the second sequence as live audio/video, a demultiplexer arrangement (24) to demultiplex at least some of the first sequence (14) from the disk (18) and the second sequence (16) from the receiver, demultiplex the first sequence fast enough so that the demultiplexing of the second sequence (16) can commence a number of frames prior to the splice point time stamp (12), a buffer (28,30) to receive for storage from the demultiplexer arrangement (24), the demultiplexed audio/video of the first sequence (14) and at least part of the second sequence (16), and a decoder (34,36) to decode the demultiplexed audio/video stored in the buffer (28,30) including decoding the first sequence (14) and then the second sequence (16) from the splice point time stamp (12). Related apparatus and methods are also described.

No. of Pages : 52 No. of Claims : 12

(54) Title of the invention : ANTAGONISTS OF LYSOPHOSPHATIDIC ACID RECEPTORS

(51) International classification :C07D 261/14
 (31) Priority Document No :61/122,568
 (32) Priority Date :15/12/2008
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2009/068106
 Filing Date :15/12/2009
 (87) International Publication No :WO 2010/077883
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

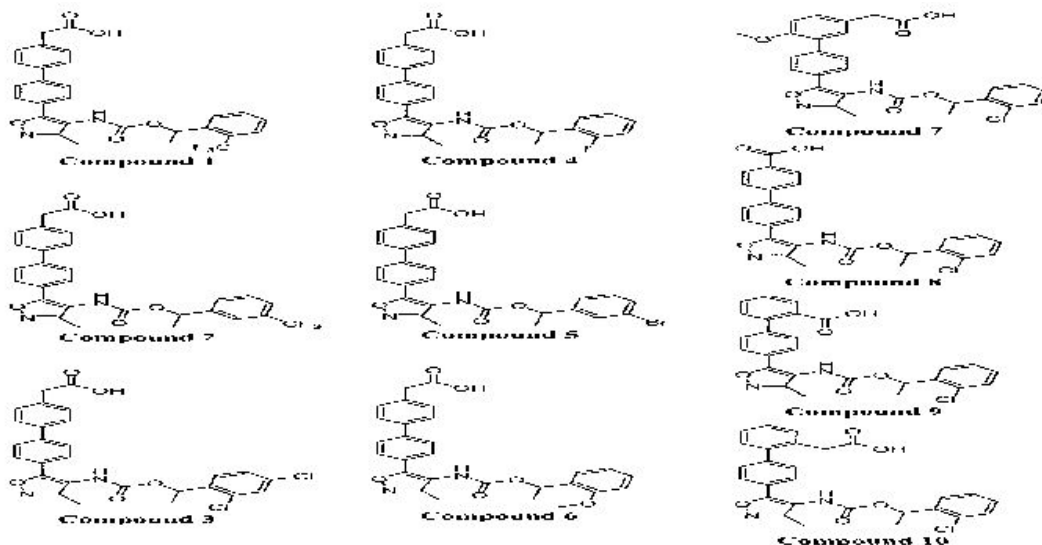
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(57) Abstract :

Described herein are compounds that are antagonists of lysophosphatidic receptor(s). Also described are pharmaceutical compositions and medicaments that include the compounds described herein, as well as methods of using such antagonists, alone and in combination with other compounds, for treating LPA-dependent or LPA-mediated conditions or diseases.

**FIGURE 1**

No. of Pages : 96 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5338/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHARMACEUTICAL COMPOSITION CONTAINING AN ANIONIC DRUG, AND A PRODUCTION METHOD THEREOF□

(51) International classification :A61K
(31) Priority Document No :10-2008-0134459
(32) Priority Date :26/12/2008
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2009/007804
Filing Date :24/12/2009
(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

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1)KIM Se-Ho
2)SON Ji-Yeon
3)LA Muhn-Ho
4)CHOI Sung-Won
5)SEO Min-Hyo

(57) Abstract :

The present invention relates to an anionic drug-containing pharmaceutical composition comprising: an anionic drug as an active ingredient; a cationic lipid; and an amphiphilic block copolymer, wherein the anionic drug forms a complex with the cationic lipid, and the complex is entrapped in the micelle structure of the amphiphilic block copolymer, and a method for preparing the same. The pharmaceutical composition may increase stability of the anionic drug in blood or in a body fluid, and it may enable intracellular delivery to improve efficacy of anionic drugs.

No. of Pages : 47 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5339/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : IMPROVEMENT OF NORMAL COGNITIVE FUNCTION

(51) International classification :A61K
(31) Priority Document No :0802556-1
(32) Priority Date :12/12/2008
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2009/051407
Filing Date :11/12/2009
(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 :

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(72)Name of Inventor :

1)Daniel Klammer

(57) Abstract :

The present invention shows that administration of L-lysine enhances cognitive performance in healthy individuals directly and these improvements persist if L-lysine is continuously administrated. However, when administration is interrupted the cognitive performance returns to baseline.

No. of Pages : 27 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5359/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYSTEM FOR PRODUCING ENERGY THROUGH THE ACTION OF WAVES

(51) International classification :F03B 13/10
(31) Priority Document No :12/316,772
(32) Priority Date :15/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/059531
Filing Date :05/10/2009
(87) International Publication No :WO 2010/071706
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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03755 USA. U.S.A.
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1)BEANE GLENN L.

(57) Abstract :

A system and method for generating energy from the tuning masses relative to a ground plane and an external force In some embodiments the external force is the action of the waves The system has a first mass movable relative to the ground plane, wherein the external force induces an oscillation in the first mass relative to the ground plane A second movable mass is carried by and movable relative to the first movable mass The second movable mass creates kinetic energy as the result of varying the position of the second movable mass relative to the first mass The system adjusts or tunes the frequency of various components in relation to the natural frequency of the waves The second mass can move relative to the first mass by various methods The energy created by the relative motion can be converted to various forms of energy including electrical energy

No. of Pages : 57 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5360/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND SYSTEM FOR REALIZING ENERGY SAVING CONTROL OF BS

(51) International classification :H04W 52/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCTCN2008/002118

Filing Date :29/12/2008

(87) International Publication No :WO 2010/078674

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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CHINA China

(72)Name of Inventor :

1)ZHAO, JIE

(57) Abstract :

The present invention discloses a method for implementing energy saving control at a NodeB, comprising: when a cell of a NodeB is required to sleep, a Radio Network Controller (RNC) sending an indication of sleeping a cell to the NodeB, and the NodeB sleeping the cell to enter into an energy saving state; and when the cell of the NodeB is required to wake up, the RNC sending an indication of waking up a cell to the NodeB, and the NodeB waking up the cell to exit the energy saving state. The present invention also discloses a system for implementing energy saving control at a NodeB.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5361/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : CHANGE DETECTION OF TARGET IDENTIFICATION DATA IN LAWFUL INTERCEPTION SYSTEMS

(51) International classification :H04L 29/06

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/050386

Filing Date :14/01/2009

(87) International Publication No :WO 2010/081551

(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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Sweden

(72)Name of Inventor :

1)DI DONATO, RITA

2)CICCO, ROBERTO

3)DE SANTIS, RAFFAELE

4)DI SERIO, LUCA

(57) Abstract :

A node of telecommunications network comprises comparing means for comparing current mobile station ID information with previously stored mobile station ID information. The node also comprises preparing means for preparing a notification message including both the previous mobile station ID information and the current mobile station ID information.

No. of Pages : 21 No. of Claims : 6

(54) Title of the invention : 'PHENYLIMIDAZOLE COMPOUNDS

(51) International classification :CO7D 233/64
 (31) Priority Document No :2009-023793
 (32) Priority Date :04/02/2009
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/051469
 Filing Date :03/02/2010
 (87) International Publication No :WO 2010/090200
 (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)OTSUKA PHARMACEUTICAL FACTORY, INC.

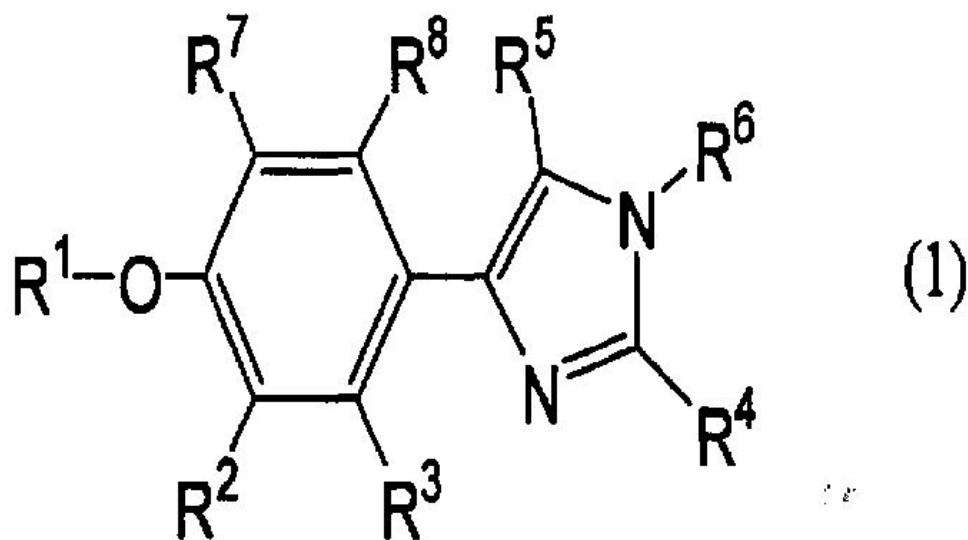
Address of Applicant :115, AZA KUGUHARA, TATEIWA, MUYA-CHO, NARUTO-SHI, TOKUSHIMA 7728601, JAPAN Japan

(72)Name of Inventor :

1)TADAO SHIBUTANI**2)KOUSHI IWATA****3)SATOSHI KIDO**

(57) Abstract :

To provide a pharmaceutical product (chemotherapeutic agent) effective in the prevention and treatment of hyperlipidemia, obesity, etc. [Solving Means] A phenylimidazole compound represented by the following General Formula (1): wherein, R1 represents a hydrogen atom, a phenyl lower alkyl group optionally having a substituent, or a pyridyl lower alkyl group optionally having a substituent, and the benzene ring and the pyridine ring are optionally substituted with 1 or 2 substituents selected from the group consisting of halogen atoms, cyano group and halogen-substituted lower alkyl groups. One of R2 and R3 represents a hydrogen atom and the other represents a lower alkoxy group. R4 represents a phenyl group optionally having a substituent. R5 and R6 are the same or different, and represent a hydrogen atom or a lower alkyl group. R7 and R8 are the same or different, and represent a hydrogen atom or a lower alkoxy group. However, when R1 represents an unsubstituted phenyl lower alkyl group, R2 represents a lower alkoxy group, R3 represents a hydrogen atom, R4 represents a phenyl group optionally having a substituent, and R5 represents a hydrogen atom, R6 is not a hydrogen atom. [Selected Drawing] None



No. of Pages : 70 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5400/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENERGETIC NUTRITIONAL COMPOSITION COMPRISING A LAXATIVE, ELECTROLYTES AND CARBOHYDRATES

(51) International classification	:A61K 31/70	(71)Name of Applicant :
(31) Priority Document No	:EP 09150475.3	1)UNIVERSITE LIBRE DE BRUXELLES
(32) Priority Date	:13/01/2009	Address of Applicant :AVENUE FRANKLIN ROOSEVELT
(33) Name of priority country	:EPO	50 CP 161, B-1050 BRUXELLES, BELGIUM Belgium
(86) International Application No	:PCT/EP2010/050210	(72)Name of Inventor :
Filing Date	:11/01/2010	1)DEVIERE, JACQUES
(87) International Publication No	:WO 2010/081781	2)CAUCHE, NICOLAS
(61) Patent of Addition to Application Number	:NA	3)DELCHAMBRE, ALAIN
Filing Date	:NA	4)ARVANITAKI, MARIANNA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An energetic or nutritive composition comprising: - at least one compound having laxative properties; - one or more mineral salts chosen among the class comprising at least sodium, potassium, chlorine, calcium, magnesium, phosphor or a combination thereof; and/or - nutrients comprising at least carbohydrates which may be assimilated by the human digestive system.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5412/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :14/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PIPERIDINE DERIVATIVES USEFUL AS OREXIN ANTAGONISTS

(51) International classification :C07D 471/04

(31) Priority Document No :0823467.6

(32) Priority Date :23/12/2008

(33) Name of priority country :U.K.

(86) International Application No :PCT/EP09/067658

Filing Date :21/12/2009

(87) International Publication No :WO 2010/072722

(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)GLAXO GROUP LIMITED

Address of Applicant :GLAXO WELLCOME HOUSE,
BERKELEY AVENUE, GREENFORD, MIDDLESEX UB6
0NN, UNITED KINGDOM U.K.

(72)Name of Inventor :

1)GIUSEPPE ALVARO

2)DAVID AMANTINI

(57) Abstract :

This invention relates to imidazopyridylmethylene substituted piperidine derivatives and their use as pharmaceuticals.

No. of Pages : 86 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.538/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

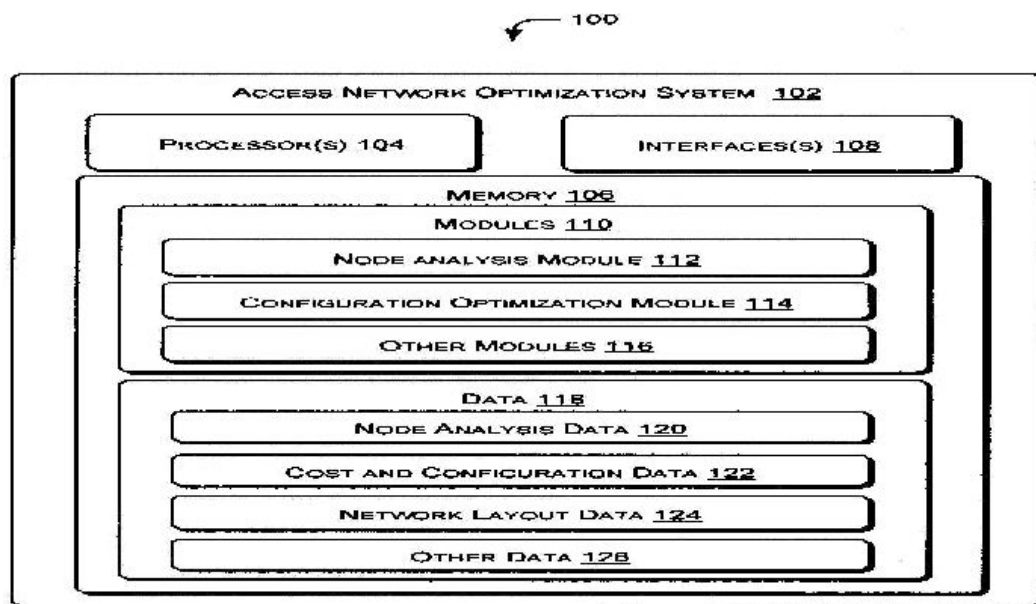
(54) Title of the invention : OPTIMIZATION OF AN ACCESS NETWORK

(51) International classification :H04L
(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 :NA
Filing Date :NA

(71)Name of Applicant :
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PARIS 75007, FRANCE France
(72)Name of Inventor :
1)HAUMIK, SOURJYA
2)NARLIKAR, GIRIJA
3)WILFONG, GORDON THOMAS

(57) Abstract :

Embodiments of a method to optimize an access network are described. According to one embodiment, the method comprises computing an optimal outgoing configuration for all possible incoming configurations of each node in the access network. The plurality of nodes in the access network include at least one access node and one or more child nodes. A principal incoming configuration for one or more child nodes of the access network is determined based on the optimal outgoing configuration of the access node. A principal outgoing configuration corresponding to the principal incoming configuration is identified for the one or more child nodes. Further, based on the principal incoming configuration and the principal outgoing configuration of the nodes, an optimized configuration for the access network is obtained.



No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5390/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PROCESS FOR HYDROCARBON CONVERSION USING, METHOD TO MAKE, AND COMPOSITIONS OF, AN ACID CATALYST

(51) International classification	:B01J 31/18
(31) Priority Document No	:12/335,476
(32) Priority Date	:15/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064751
Filing Date	:17/11/2009
(87) International Publication No	:WO 2010/074843
(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)CHEVRON U.S.A. INC.
Address of Applicant :6001 BOLLINGER CANYON ROAD,
SAN RAMON, CALIFORNIA 94583, UNITED STATES OF
AMERICA U.S.A.
(72)**Name of Inventor :**
1)HOMMELTOFT, SVEN IVAR
2)ELOMARI, SALEH
3)LACHEEN, HOWARD S.

(57) Abstract :

A process for hydrocarbon conversion, comprising: contacting a hydrocarbon with an acid catalyst containing greater than 15 wt% conjunct polymer. The acid catalyst has a molar ratio of Al to a heteroatom selected from the group of N, P, O, S, and combinations thereof greater than 2.0. The hydrocarbon is converted during the contacting. Also a method to make a catalyst having greater than 15 wt% conjunct polymer and a high molar ratio of Al to the heteroatom, wherein an acidic ionic liquid catalyst is made that is effective for catalyzing a reaction. There are also provided catalyst compositions having greater than 15 wt% conjunct polymer.

No. of Pages : 14 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5391/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IONIC LIQUID CATALYST HAVING A HIGH MOLAR RATIO OF ALUMINUM TO NITROGEN

(51) International classification	:B01J 31/18
(31) Priority Document No	:12/335,487
(32) Priority Date	:15/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064596
Filing Date	:16/11/2009
(87) International Publication No	:WO 2010/074835
(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)CHEVRON U.S.A. INC.
Address of Applicant :6001 BOLLINGER CANYON ROAD,
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U.S.A.

(72)**Name of Inventor :**
1)LACHEEN, HOWARD S.
2)ELOMARI, SALEH

(57) Abstract :

An ionic liquid catalyst is provided comprising an ammonium chloroaluminate salt, and having a molar ratio of Al to N greater than 2.0 when held at a temperature at or below 25°C for at least two hours. There is also provided an ionic liquid catalyst comprising an alkyl-pyridinium haloaluminate and an impurity, wherein the ionic liquid catalyst has a molar ratio of Al to N greater than 2.0 when held at a temperature at or below 25°C for at least two hours. In a third embodiment, there is provided an ionic liquid system for isoparaffin/olefin alkylation, comprising a quaternary ammonium chloroaluminate, a conjunct polymer, and a hydrogen chloride. The ionic liquid system has a molar ratio of Al to N from 2.1 to 8.0. Less than 0.1 wt% AlCl₃ precipitates from the ionic liquid system when it is held for three hours or longer at or below 25°C.

No. of Pages : 15 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5393/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : REDUCTION OF ORGANIC HALIDE CONTAMINATION IN HYDROCARBON PRODUCTS

(51) International classification :C07C 7/10
(31) Priority Document No :12/336,240
(32) Priority Date :16/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/067894
Filing Date :14/12/2009
(87) International Publication No :WO 2010/075038
(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)CHEVRON U.S.A. INC.
Address of Applicant :6001 BOLLINGER CANYON ROAD,
SAN RAMON, CA 94583, UNITED STATES OF AMERICA
U.S.A.
(72)Name of Inventor :
1)DRIVER, MICHAEL SEAN
2)ELOMARI, SALEH ALI
3)TIMKEN, HYE-KYUNG CHO

(57) Abstract :

A method for reducing halide concentration in a hydrocarbon product having an organic halide content which is made by a hydrocarbon conversion process using a halogen-containing acidic ionic liquid catalyst comprising contacting at least a portion of the hydrocarbon product with an aqueous caustic solution under conditions to reduce the halide concentration in the hydrocarbon product is disclosed.

No. of Pages : 17 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/00204/DEL A

(19) INDIA

(22) Date of filing of Application :19/02/2002

(43) Publication Date : 31/08/2012

(54) Title of the invention : ANTI- α 3 RECOMBINANT HUMAN ANTIBODIES, NUCLEIC ACIDS ENCODING THE SAME AND METHODS OF USE

(51) International classification	:C07K 16/28
(31) Priority Document No	:09/339,922
(32) Priority Date	:24/06/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2000/17454
Filing Date	:23/06/2000
(87) International Publication No	:WO 2000/78815
(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)APPLIED MOLECULAR EVOLUTION
Address of Applicant :3520 DUNHILL STREET SAN
DIEGO, CA 92121 U.S U.S.A.
(72)**Name of Inventor :**
1)HUSE, WILLIAM, D
2)WU, HERREN

(57) Abstract :

The invention provides enhanced LM609 grafted antibodies exhibiting selective binding affinity to Alpha,3, or to a functional fragment thereof. The invention also provides nucleic acid molecules encoding the enhanced LM609 grafted antibodies. Additionally provided are methods of inhibiting a function of Alpha,3, by contacting alpha,3, with an enhanced LM609 grafted antibody.

No. of Pages : 131 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5358/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND SYSTEMS FOR PRESSURE EXCHANGE

(51) International classification	:B01D 61/06 ;B01D 53/22
(31) Priority Document No	:12/361,647
(32) Priority Date	:29/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/020862
Filing Date	:13/01/2010
(87) International Publication No	:WO 2010/101669
(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)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK, 12345 USA. U.S.A.

(72)Name of Inventor :

1)SHI RUIJIE

2)LAZATIN PATRICK

3)ERNO JEFFREY DAVID

4)ERNO DANIEL JASON

(57) Abstract :

Methods and systems for energy recovery in desalination or other systems are provided to transfer the pressure energy from one fluid to another fluid. A system for energy recovery (300) with a container comprises two sections (302,304) separated by one or plurality of flexible impermeable diaphragms (306) and pressures of the two fluids in the two sections are transmitted-during the cyclical filling and pumping operations, as well as flow control valves (308,310,312,314) As one embodiment, two flexible impermeable tubes operable to receive two fluids of different pressures respectively connect to flow control valves. The first fluid and the second fluid are separated by the flexible impermeable diaphragm formed by the flexible tubes. Cyclical inflows of the two fluids transmit the higher pressure of one fluid to the other through the diaphragm and transfer the energy from one fluid to the other.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1006/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYSTEM AND DEVICES FOR ASSISTING IN PLANTING AND GROWING FLOATING MACROPHYTE-TYPE PLANT SPECIES IN USES FOR THE PURIFICATION OF WATER

(51) International classification	:A01G 31/02,C02F 3/32
(31) Priority Document No	:P 200930721
(32) Priority Date	:23/09/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2010/000391
Filing Date	:23/09/2010
(87) International Publication No	:WO/2011/036317
(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)MACROFITAS SL

Address of Applicant :AVDA DE GENERAL MOLA 10, 4º,
E-28224 POZUELO DE ALARCON, MADRID SPAIN.

(72)Name of Inventor :

1)RIESCO PRIETO, PABLO

2)TORRES JUNCO, VICENTE

(57) Abstract :

The invention relates to a system and devices for assisting in planting and growing floating macrophyte-type plant species in uses for the purification of water, comprising the use of three devices preferably formed from low-density plastic materials: a plane polygonal floating structure with elements for connecting to other floating structures, provided with at least one inner coupling bar connected to the contour of the floating structure or to another inner bar by means of a flexible arc; a plane cross-linked structure with elements for anchoring to the floating structure and at least one central circular housing; and a basket or cone consisting of a flexible plastic material and containing a copy of a macrophyte plant, a root cutting or rhizome with a troncoconical form.

No. of Pages : 17 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1007/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HYDRAULIC COUPLER WITH PIN RETENTION SYSTEM FOR COUPLING AN ATTACHMENT TO A WORK MACHINE

(51) International classification	:E02F 3/36,F15B 15/00
(31) Priority Document No	:0916613.3
(32) Priority Date	:22/09/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/005770
Filing Date	:21/09/2010
(87) International Publication No	:WO/2011/035883
(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)HILL, IAN.

Address of Applicant :30 SHINN ROAD, NEWRY,
COUNTY DOWN, BT34 1PB, UNITED KINGDOM.

(72)Name of Inventor :

1)HILL, IAN.

(57) Abstract :

A coupler (10) for coupling an attachment to an excavator having a latching member (30) for retaining a rear pin (26) of the attachment and a blocking member (40) for retaining the front pin of the attachment. A hydraulic actuator (32) and spring (90) are provided for holding the latching and blocking members (30, 40) in their closed states. In the event of a failure of the actuator, the spring (90), the latching member (30) and the blocking member (40) together hold the front and rear pins (26, 26) in their respective recesses (20, 22) to allow continued operation of the coupler (10), while allowing the pins to move with respect to the coupler to create a rattling movement that can indicate to the operator that a failure has occurred.

No. of Pages : 51 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1008/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : IMPROVEMENTS TO LAUNDRY COMPOSITIONS

(51) International classification :C08G 63/91
(31) Priority Document No :PCT/CN2009/001161
(32) Priority Date :20/10/2009
(33) Name of priority country :PCT
(86) International Application No :PCT/EP2010/064722
Filing Date :04/10/2010
(87) International Publication No :WO/2011/047950
(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)HINDUSTAN UNILEVER LIMITED
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MAHARASHTRA, INDIA.
(72)Name of Inventor :
1)JONES CHRISTOPHER CLARKSON
2)KILHAMS VANESSA
3)LV RUI
4)WANG JINFANG

(57) Abstract :

The present invention relates to a polymer material which is a copolymer of polyethylene terephthalate and polyoxyethylene terephthalate modified by attachment of a silicone group which is covalently bonded either directly or via an optional linker group to the copolymer, to an emulsion comprising a particle comprising (a) the modified copolymer and (b) a silicone liquid, and an aqueous continuous phase, a process to make the emulsion, to a laundry composition comprising the modified polymer or emulsion, and to the use of the modified copolymer to increase silicone deposition onto fabric.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1018/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PREPARING AMINALE AND THEIR USE FOR PREPARING 1,3-DISUBSTITUTED PYRAZOLE COMPOUNDS

(51) International classification	:C07D 231/14
(31) Priority Document No	:09175093.5
(32) Priority Date	:05/11/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/066375
Filing Date	:28/10/2010
(87) International Publication No	:WO/2011/054733
(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)BASF SE

Address of Applicant :67056 LUDWIGSHAFEN GERMANY.

(72)Name of Inventor :

1)DOCHNAHL, MAXIMILIAN

2)KEIL, MICHAEL

3)GOTZ, ROLAND

(57) Abstract :

Process for preparing aminale and their use for preparing 1,3-disubstituted pyrazole compounds

No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1019/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DRUG ELUTING COMPOSITE

(51) International classification	:A61L 29/00
(31) Priority Document No	:61/254,643
(32) Priority Date	:23/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/053727
Filing Date	:22/10/2010
(87) International Publication No	:WO/2011/050260
(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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AMERICA.

(72)Name of Inventor :

1)CLEEK, ROBERT, L.

2)CULLY, EDWARD, H.

3)HOLLAND, THERESA, A.

(57) Abstract :

The present invention relates to materials having therapeutic compositions releasably contained within the materials. The materials are configured to release therapeutic compositions at a desired rate. The present invention also relates to devices incorporating the materials.

No. of Pages : 26 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1003/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND SYSTEMS FOR REDUCING DNA FRAGMENTATION IN A POPULATION OF SPERM CELLS

(51) International classification	:C12N 5/076,C12M 1/34
(31) Priority Document No	:61/256,893
(32) Priority Date	:30/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054549
Filing Date	:28/10/2010
(87) International Publication No	:WO/2011/053727
(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)INGURAN, LLC.

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NAVASOTA, TEXAS 77868 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)MORENO, JUAN

2)EVANS, MICHAEL

3)KJELLAND, MICHAEL

4)GOSALVEZ, JAIME

5)LOPEZ FERNANDEZ, CARMEN

(57) Abstract :

A method and system for sorting sperm samples according to different levels of DNA fragmentation and methods of using populations with low levels of DNA fragmentation to improve fertility and success rates of assisted reproductive procedures, including artificial insemination, in vitro fertilization, intracytoplasmic injection, and other related techniques.

No. of Pages : 25 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1004/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PREPARING 1,3-DISUBSTITUTED PYRAZOLE COMPOUNDS

(51) International classification :C07D 231/14

(31) Priority Document No :09175079.4

(32) Priority Date :05/11/2009

(33) Name of priority country :EUROPEAN UNION

(86) International Application No :PCT/EP2010/066372

Filing Date :28/10/2010

(87) International Publication No :WO/2011/054732

(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)BASF SE

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(72)Name of Inventor :

1)DOCHNAHL, MAXIMILIAN

2)KEIL, MICHAEL

3)WOLF, BERND

(57) Abstract :

A process for preparing 1,3-disubstituted pyrazole compounds.

No. of Pages : 46 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1005/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUPPORT OF PLANT ORIGIN (SEGMENT OF MACROPHYTE LEAF) FOR ASSISTANCE WITH SEED GERMINATION AND PLANT GROWTH

(51) International classification	:A01C 1/04
(31) Priority Document No	:P200930716
(32) Priority Date	:22/09/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2010/000387
Filing Date	:22/09/2010
(87) International Publication No	:WO/2011/036315
(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)MACROFITAS SL

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E-28224 POZUELO DE ALARCON, MADRID SPAIN.

(72)Name of Inventor :

1)RIESCO PRIETO, PABLO

2)TORRES JUNCO, VICENTE, JUAN

(57) Abstract :

The invention relates to a support of plant origin, especially from macrophyte plants or other plants growing in a substrate or plants in an aqueous medium. Said support consists of a longitudinal segment of the leaf of a macrophyte plant that has been dried by a natural or artificial process, the result being the appearance of a macaroon, having an outer plant coating and an inner circular portion filled with a porous tissue. The type of plant used can be leaves of plants preferably such as typhas, neas, juncos, and cane for the structure and characteristics thereof. This support is used for the germination of seeds contributing to the growth and feeding of the seed until it becomes a plant, using the segment of macrophyte to which they adhere, said segment having particular characteristics as provider of oxygen and nutrition.

No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1025/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HIGH-YIELD ANTIBIOTICS PRODUCING FUNGUS STRAIN, PREPARATION METHOD AND USE THEREOF

(51) International classification	:C12N 1/14,C07K 7/56	(71)Name of Applicant :
(31) Priority Document No	:200910196286.4	1)SHANGHAI TECHWELL BIOPHARMACEUTICALS CO., LTD.
(32) Priority Date	:24/09/2009	Address of Applicant :NO. 4258, JINDU ROAD SHANGHAI 201108, CHINA .
(33) Name of priority country	:China	(72)Name of Inventor :
(86) International Application No	:PCT/CN2009/074271	1)XU, JING
Filing Date	:28/09/2009	2)CHEN, YI
(87) International Publication No	:WO/2011/035492	3)JI, XIAOLIANG
(61) Patent of Addition to Application Number	:NA	4)GAO, XIAOLIANG
Filing Date	:NA	5)LIU, SHIDONG
(62) Divisional to Application Number	:NA	6)ZHANG, ZHAOLI
Filing Date	:NA	

(57) Abstract :

High yield antibiotics producing fungus strain, preparation method and use thereof are provided. The fungus strain is a mutant derived from *Glarea lozoyensis*, and deposited in CGMCC with the accession number of CGMCC 2933. The preparation method concludes following steps:(a) mixing the culture media of *Glarea lozoyensis* strain ATCC 20957 with nitrosoguanidine, and obtaining mixture a; (b) mixing lywallzyme with the mixture a, and obtaining protoplasts; (c) regenerating the protoplasts, and obtaining single clones; and (d) culturing the single clones, then obtaining the mutant stain. This fungus strain has stable genetic and producing property, produces little impurities in fermentation, and is suitable to be used in industry.

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1026/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : APPARATUS FOR SINGLE-MOLECULE DETECTION

(51) International classification :G01N 21/63
(31) Priority Document No :12/801,503
(32) Priority Date :11/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2011/075598
Filing Date :10/06/2011
(87) International Publication No :WO/2011/153962
(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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4)CHIH-TSUNG SHIH

5)MING-CHIA LI

6)CHANG-SHENG CHU

7)SHUANG-CHAO CHUNG

8)JUNG-PO CHEN

9)YING-CHIH PU

(57) Abstract :

An apparatus for detecting an object capable of emitting light. The apparatus includes a light source (102) and a waveguide (110). The waveguide (110) includes a core layer (112) and a first cladding layer (114). At least one nanowell (120) is formed in at least the first cladding layer (114). The apparatus further includes a light detector (106). The light detector (106) can detect light emitted from a single molecule object contained in the at least one nanowell (120).

No. of Pages : 74 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1000/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HYDROXYL, KETO, AND GLUCURONIDE DERIVATIVES OF 3-(4-(7H-PYRROLO[2,3-D]PYRIMIDIN-4-YL)-1H-PYRAZOL-1-YL)-3-CYCLOPENTYLPROPANENITRILE

(51) International classification	:C07D 487/04
(31) Priority Document No	:61/250,387
(32) Priority Date	:09/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052011
Filing Date	:08/10/2010
(87) International Publication No	:WO/2011/044481
(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)INCYTE CORPORATION

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(72)Name of Inventor :

1)RODGERS, JAMES, D.

2)SHILLING, ADAM

3)ARVANITIS, ARGYRIOS, G.

4)SHEPARD, STACEY

5)GALYA, LAURINE, G.

6)LI, MEI

7)NEDZA, FRANK, M.

(57) Abstract :

The present invention provides hydroxyl, keto, and glucuronide derivatives of 3-(4-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)-1H-pyrazol-1-yl)-3-cyclopentylpropanenitrile.

No. of Pages : 77 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1002/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 4-SULFINYL-PYRAZOLE DERIVATIVES

(51) International classification :C07D 231/44

(31) Priority Document No :09174558.8

(32) Priority Date :30/10/2009

(33) Name of priority country :EUROPEAN UNION

(86) International Application No :PCT/EP2010/066162

Filing Date :26/10/2010

(87) International Publication No :WO/2011/051284

(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)BASF SE

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(72)Name of Inventor :

1)KORTE, ALEXANDER

2)HORNUNG, PAUL

(57) Abstract :

The present invention relates to a novel process for the preparation of a compound of formula (I), wherein R1, R2, R3, R4 and R5 are each independently selected from hydrogen, halogen, C1-C4-alkyl, C1-C4-haloalkyl, C1-C4-alkoxy, C1-C4-haloalkoxy, nitro, cyano, and pentafluorothio; R6 is C1-C4-alkyl, or C1-C4-haloalkyl; by oxidation of a compound of formula (II) with an oxidation agent selected from trifluoroperacetic acid and trichloroperacetic acid in the presence of a catalyst selected from hydroxides, oxides, sulfates, acetates or trifluoroacetates of lithium, magnesium, calcium, strontium, barium, titanium (IV), zinc (II) and manganese (II).

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1023/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FETAL SHUNT

(51) International classification	:A61M 25/01
(31) Priority Document No	:61/262,210
(32) Priority Date	:18/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057187
Filing Date	:18/11/2010
(87) International Publication No	:WO/2011/063094
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)QUINTERO, RUBEN

(57) Abstract :

A medical device, system, and method are described for treating in utero a fetus with a lower urinary tract obstruction. An implantable medical device may have a flexible catheter and an anchor. The catheter may define a proximal port, a distal port, a longitudinal axis, and a lumen providing fluid communication between the ports. The anchor may be affixed to the catheter at a position between the ports, and may have a resilient proximal member and a resilient distal member spaced a longitudinal distance apart, the proximal member and distal member each extending radially outward with respect to the longitudinal axis. An elongate delivery member may be releasably affixed to the medical device, and the medical device may be delivered through a tubular sheath defining a sheath lumen.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1034/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FILTER ELEMENT, FILTER DEVICE AND METHOD FOR PRODUCING A FILTER ELEMENT

(51) International classification :B01D 29/11
(31) Priority Document No :10 2009052123.2
(32) Priority Date :05/11/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/066880
Filing Date :05/11/2010
(87) International Publication No :WO/2011/054919
(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)GEHWOLF, KLAUS
2)MAIER, MICHAEL

(57) Abstract :

A filter element (1) comprises opposing end sections (3A, 3B) of a filter material sheet (2) that are connected to each other in a fluid-tight manner, wherein a molded or extruded plastic casing (5) encloses the end edges (4A, 4B) of the end sections (3A, 3B). A method for producing a corresponding filter element (1) comprises the encasing of opposing end edges (4A, 4B) of end sections (3A, 3B) of a filter material sheet (2) with a plastic casing (5) so as to form a continuous bellows.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1035/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CHAMFERING DEVICE AND GEAR PROCESSING MACHINE PROVIDED THEREWITH

(51) International classification	:B23F 19/10
(31) Priority Document No	:2010-057009
(32) Priority Date	:15/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067504
Filing Date	:06/10/2010
(87) International Publication No	:WO/2011/114558
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)MASUO KOICHI

2)TOKAWA TAKAHIDE

(57) Abstract :

Provided is a chamfering device such that in a simple configuration, position adjustments of a chamfering cutter and a deburring cutter with respect to a workpiece can be easily carried out. The chamfering device is equipped with the chamfering cutter (31); the deburring cutter (32), which has a diameter different from that of the chamfering cutter; and a cutter swing block (35), a cutter longitudinal feed block (42), and a base block (43), which rotatably support the chamfering cutter (31) and the deburring cutter (32), and are capable of subjecting the chamfering cutter (31) and the deburring cutter (32) to position adjustment with respect to the workpiece (W). The workpiece (W), the chamfering cutter (31), and the deburring cutter (32) are disposed so that the cutter longitudinal feed block (42) can perform single-axis feeding with respect to the workpiece (W). The chamfering cutter and the deburring cutter are disposed so that the cutting change amount of the chamfering cutter and that of the deburring cutter will be approximately equal to each other throughout the diameter range of the workpiece to be processed.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1009/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATING CENTRALLY MEDIATED NAUSEA AND VOMITING

(51) International classification	:A61K 31/4178
(31) Priority Document No	:61/262,470
(32) Priority Date	:18/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/003106
Filing Date	:18/11/2010
(87) International Publication No	:WO/2011/061622
(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)TRENTO, FABIO

2)CANTOREGGI, SERGIO

3)ROSSI, GIORGIA

4)CANNELLA, ROBERTA

5)BONADEO, DANIELE

6)BRAGLIA, RICCARDO

(57) Abstract :

Provided are compositions and methods for treating or preventing nausea and vomiting in patients undergoing chemotherapy, radiotherapy, or surgery.

No. of Pages : 41 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1020/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TABLE TOP QUICK COOLING DEVICE

(51) International classification	:F25D 3/02
(31) Priority Document No	:12/566,702
(32) Priority Date	:25/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/058290
Filing Date	:25/09/2009
(87) International Publication No	:WO/2011/037569
(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)SUNDHAR, SHAAM

2)SHANTHA TOTADA

(57) Abstract :

A tabletop cooling device has a housing that contains an ice storage chamber with hinged cover. Adjacent to the ice storage chamber is a chiller that also has a hinged cover. An ice maker is container within the ice storage chamber to produce ice. A water storage tank is provided to supply water to the ice maker. The chiller contains a removable cage that holds cans or bottles of liquid refreshments. The chiller holds water and ice to bathe the cage in a low temperature slurry. A compressor, condenser and associated components are used to produce the low temperatures needed to produce the ice. In another embodiment, solid state thermoelectric modules take the place of the compressor, etc. The ice storage chamber and chiller are insulated with a high R rated insulation. Rotation is controlled by a control panel which can also monitor temperature, etc.

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1029/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUPPORT DEVICE AND MAIN BUILDING OF CONCRETE MIXING PLANT USING THE SAME

(51) International classification :B28C 5/00,E04B
1/24
(31) Priority Document No :CN 200920220128.3
(32) Priority Date :26/10/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074696
Filing Date :29/06/2010
(87) International Publication No :WO/2011/050625
(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)ZHANG, JIAPING

2)NI, XIAOQING

3)JIANG, ZHIHUI

(57) Abstract :

A support device (100) and a main building of a concrete mixing plant using the same are provided. The support device (100) comprises: a first support bar (2) having a first end (21) connected to a first supported body (13), a second support bar (7) having a first end (71) connected to a second supported body (12), an adjusting bar (6) having opposite threads on both ends and respectively threadedly connected to a second end (22) of the first support bar (2) and a second end (72) of the second support bar (7). The adjusting bar (6) is arranged between the first support bar (2) and the second support bar (7) in the support device (100), and rotation directions of the threads on two ends of the adjusting bar (6) are different, hence when the adjusting bar (6) is rotated, the first support bar (2) and the second support bar (7) can be screwed in or out simultaneously in order to adapt different support distances to make up for a problem of a major error deviation in an actual installation process.

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1039/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : POLYESTER RESIN COMPOSITION, POLYESTER FIBER POLYESTER RESIN MOLDED ARTICLE, AND PROCESS FOR PRODUCTION OF NUCLEATING AGENT POLYESTER RESIN

(51) International classification	:C08L 67/00
(31) Priority Document No	:2009-228982
(32) Priority Date	:30/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/066574
Filing Date	:24/09/2010
(87) International Publication No	:WO/2011/040337
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)TSUNEIZUMI, YOTA

2)URUSHIHARA, TSUYOSHI

3)KAWAMOTO, NAOSHI

(57) Abstract :

Disclosed is a polyester resin composition which rarely undergoes discoloration even though the composition contains a sulfoneamide compound as a nucleating agent. Specifically disclosed is a polyester resin composition which contains a phosphorus-containing antioxidant agent (A) in an amount of 0.01 to 30 parts by mass and a sulfoneamide compound metal salt (B) in an amount of 0.1 to 30 parts by mass relative to 100 parts by mass of a polyester resin. The polyester resin composition is characterized in that the water content in the sulfoneamide compound metal salt (B) is 0.1% to 20% by mass relative to the mass of the sulfoneamide compound metal salt and is 3% by mass or less by mass relative to the mass of the polyester resin composition.

No. of Pages : 102 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1036/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR PRODUCING METALLIC-SODIUM-FILLED ENGINE VALVE

(51) International classification	:F01L 3/14
(31) Priority Document No	:2010-041408
(32) Priority Date	:26/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065465
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/104912
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)YOSHIMURA COMPANY
(72)**Name of Inventor :**
1)MORII HIROKAZU
2)YOSHIMURA HYOJI

(57) Abstract :

Disclosed is a method for producing an engine valve (V) filled with metallic sodium (Na) within by means of: forming a stem section (S), which has a hollow section (H), at an intended size by successively drawing the stem section (S) using dies (D1, D2, Dx, Dx+1, Dn) in a manner so as to causing the size of the outer diameter and the inner diameter of the stem section (S) to contract in a stepwise fashion; and inserting metallic sodium (Na) into the hollow section (H) of the stem section (S) wherein after drawing the stem section (S) until the inner diameter of the hollow section (H) of the stem section (S) has become a prescribed size (steps S11-S15) and then inserting the block-shaped solid metallic sodium (Na) into the hollow section (H) of the stem section (S) (step S16), the stem section (S) is further drawn (steps S17 and S18).

No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1037/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BROACH CHIP REMOVAL APPARATUS AND BROACH CHIP REMOVAL METHOD

(51) International classification	:B23D 39/00
(31) Priority Document No	:2010-020831
(32) Priority Date	:02/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065907
Filing Date	:15/09/2010
(87) International Publication No	:WO/2011/096105
(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)FUJITA YOSHIHITO

2)TAKEHANA ISAMU

(57) Abstract :

Disclosed are a broach chip removal apparatus and a broach chip removal method with which chips attached inside cutting grooves can be efficiently removed from a broach by inserting a brush up to the end of the cutting grooves of the broach. A broach chip removal apparatus for removing chips from a broach (11) in which cutting edges (12) are provided in multiple stages at regular intervals in the axial direction of the broach (11), wherein the broach chip removal apparatus is provided with: a broach movement motor (22) which moves the broach (11) in the axial direction of the broach (11); a brush (33) which has a screw shape having a lead equal to the pitch between the cutting edges (12) so that the brush (33) can mesh with cutting grooves (13) formed between the cutting edges (12); a brush rotation motor (41) which rotates the brush (33) about the axis of the brush (33); and an NC apparatus (51) which controls the broach movement motor (22) and the brush rotation motor (41) in such a way that the brush (33) meshes with the cutting grooves (13).

No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1038/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SURFACE PROTECTIVE COATING AND METHODS OF USE THEREOF

(51) International classification :C09D 183/14
(31) Priority Document No :12/607,413
(32) Priority Date :28/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/054182
Filing Date :27/10/2010
(87) International Publication No :WO/2011/056615
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MORDHORST, STEVEN, R.
3)TAN, LAI. N.

(57) Abstract :

A coating composition suitable for providing a thermoformable hardcoat is disclosed. The composition contains a silane-containing oligomer (A), a silane (B) having the general formula $R_3cSiX(4-d)$ wherein each occurrence of R_3 is independently a C1-C8 alkyl, C2-C8 alkenyl or C6-C20 aryl, each occurrence of X is a halogen atom, C1-C6 alkoxy, C1-C6 acyloxy, C1-C6 alkenoxy or hydroxide; d is 0, 1 or 2, a metal oxide (C) and a condensation catalyst (D) wherein components (A), (B) and (C) are hydrolytically condensed in the presence of component (D) to achieve a T3 to T2 ratio of from about 0.3 to about 2.5.

No. of Pages : 33 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1048/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FIBER PREFORM, FIBER REINFORCED COMPOSITE, AND METHOD OF MAKING THEROF

(51) International classification	:B29C 70/22
(31) Priority Document No	:12/607,715
(32) Priority Date	:28/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054117
Filing Date	:26/10/2010
(87) International Publication No	:WO/2011/056586
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)GOERING, JONATHAN

(57) Abstract :

A woven fiber preform (100, 200), a fiber reinforced composite incorporating the preform (100, 200), and methods of making thereof are disclosed. The woven preform (100, 200) includes a plurality of warp and weft yarns or fibers interwoven to form a continuous spiral fabric (50). The spiral fabric (50) may take the shape of an Archimedes spiral. The weft yarns in the preform (100, 200) may have a uniform or variable pick spacing, or a uniform or variable angular separation. The spiral fabric (50) of the Archimedes spiral may be assembled or wrapped to form a conical shell structure, which could be a portion of a spinner or an exit cone. The spiral fabric (50) may be woven on a loom equipped with a differential take-up mechanism.

No. of Pages : 22 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1044/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR PRODUCING METALLIC-SODIUM-FILLED ENGINE VALVE

(51) International classification :F01L 3/14
(31) Priority Document No :2010-041409
(32) Priority Date :26/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/068004
Filing Date :14/10/2010
(87) International Publication No :WO/2011/104923
(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)MORII HIROKAZU
2)MARUYAMA KAZUTAKA
3)YOSHIMURA HYOJI

(57) Abstract :

In the disclosed method, an engine valve (V) filled with metallic sodium (Na) within is produced by means of hardening metallic sodium (Na)that has been liquefied through heat-meltinginto rods by linearly discharging the metallic sodium (Na) in a liquid hydrocarbon (120), thus cooling the metallic sodium, then inserting these rods into a hollow section (H) through the opening (M) of a stem section (S), and then sealing the opening (M).

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1045/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MACHINE DISPLACEMENT ADJUSTMENT SYSTEM FOR MACHINE TOOLS

(51) International classification	:B23Q 15/18
(31) Priority Document No	:2010-002631
(32) Priority Date	:08/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065911
Filing Date	:15/09/2010
(87) International Publication No	:WO/2011/083596
(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)YAMAMOTO HIDEAKI

(57) Abstract :

Provided is a machine displacement adjustment system for machine tools, which uses a tilt angle detector, such as a level, which can directly detect the tilt angle of a machine structure, such as a column. Said system is provided with: a tilt angle detector (a level) which is disposed on a machine tool structure, detects the tilt angle of said structure, and outputs data of the tilt amount; and an adjustment device (92) which has a tilt amount data inputting unit (93) for inputting the aforementioned data of the tilt amount (c1 to c6) obtained from the tilt angle detector, a machine displacement amount calculating unit (94) for calculating the machine displacement amount of the aforementioned structure on the basis of the data of the tilt amount (c1 to c6) inputted by means of the tilt amount data inputting unit, and an adjustment amount calculating unit (95) for calculating the adjustment amount of the displacement axes (X axis, Y axis, and Z axis) of the machine tool on the basis of the machine displacement amount of the structure calculated by means of the machine displacement amount calculating unit.

No. of Pages : 37 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1046/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING CARRIER SCHEDULING MODE

(51) International classification :H04W 72/04
(31) Priority Document No :CN 200910235258.9
(32) Priority Date :29/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/077368
Filing Date :27/09/2010
(87) International Publication No :WO/2011/038666
(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)CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY
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(72)**Name of Inventor :**
1)LI, HAITAO
2)XU, FANGLI
3)LIANG, JING

(57) Abstract :

A method for indicating and determining a carrier scheduling mode in a Long Term Evolution-Advanced (LTE-A) system is disclosed in the present invention. The method is that: a network device determines whether a component carrier adopts a cross-carrier scheduling mode to perform resource scheduling, and transmits first indication information that indicating whether the component carrier adopts the cross-carrier scheduling mode to perform the resource scheduling to a User Equipment (UE), so as to indicate the UE to determine whether adopting the cross-carrier scheduling mode to perform the resource scheduling on a component carrier supported by the UE itself according to the received first indication information. By adopting the present solution, the UE supporting multi-carriers in the LTE-A system is able to determine which mode one certain component carrier or several certain component carriers adopt to perform the resource scheduling, thereby performing data reception/transmission correctly.

No. of Pages : 34 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1047/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : N-SULPHONYLPYRROLES AND THEIR USE AS HISTONE DEACETYLASE INHIBITORS

(51) International classification :C07D 207/48

(31) Priority Document No :05102019.6

(32) Priority Date :15/03/2005

(33) Name of priority country :EUROPEAN UNION

(86) International Application No :PCT/EP2006/060712

Filing Date :14/03/2006

(87) International Publication No :WO/2006/097474

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :1626/MUMNP/2007

Filed on :05/10/2007

(71)Name of Applicant :

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3)BECKERS, THOMAS

4)ZIMMERMANN, ASTRID

5)SCHNEIDER, SIEGFRIED

6)GEKELER, VOLKER

(57) Abstract :

Compounds of a certain formula (I), in which R1 , R2, R3, R4, R5, R6 and R7 have the meanings indicated in the description, are novel effective HDAC inhibitors.

No. of Pages : 189 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1050/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHYLSULFONYLMETHASNE (MSM) FOR TREATMENT OF DRUG RESISTANT MICROORGANISMS

(51) International classification	:A61K 31/10
(31) Priority Document No	:61/256,935
(32) Priority Date	:30/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054837
Filing Date	:29/10/2010
(87) International Publication No	:WO/2011/053848
(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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1)BENJAMIN, RODNEY
2)VARELMAN, JEFFREY
3)KELLER, ANTHONY

(57) Abstract :

Embodiments of the invention relate generally to the use of compositions comprising methylsulfonylmethane (MSM), and one or more therapeutic agents, for the treatment of drug-sensitive and drug resistant microorganisms. In several embodiments, such compositions are effective in treating drug resistant infectious diseases, for example, MRSA.

No. of Pages : 99 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1051/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD OF MELT BONDING HIGH-TEMPERATURE THERMOPLASTIC BASED HEATING ELEMENT TO A SUBSTRATE

(51) International classification :B23B 37/04

(31) Priority Document No :61/254,058

(32) Priority Date :22/10/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/CA2010/001652

Filing Date :21/10/2010

(87) International Publication No :WO/2011/047471

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)SOLTANI, REZA

3)YANG, MAIZHI

4)TALALLA, DOMINIC

5)OLDING, TIMOTHY, RUSSELL

6)STOCKTON, JOHN

(57) Abstract :

A method for producing a thermoplastic film-substrate resistive thick film heating element is described, involving the melt bonding of an electrically insulating, optionally filled high temperature thermoplastic film to a substrate. This thick film heating element includes an optionally filled high temperature thermoplastic film-substrate onto which is deposited at least a resistive thick film, and is capable of operating over a wide range of power densities for consumer and industrial heating element applications.

No. of Pages : 37 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1062/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMMUNICATION CAPACITY EVALUATING APPARATUS, RADIO RELAY APPARATUS AND COMMUNICATION CAPACITY EVALUATING METHOD

(51) International classification	:H04J 99/00
(31) Priority Document No	:2009-260222
(32) Priority Date	:13/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/006395
Filing Date	:29/10/2010
(87) International Publication No	:WO/2011/058711
(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)SHIMIZU, TOMOAKI
4)AMAO, YUKINORI
5)KU, RICHOL
6)SOTOYAMA, TAKAYUKI

(57) Abstract :

Provided is a communication capacity evaluating apparatus whereby the communication capacity can be grasped and the necessity of changing the content of a dead spot measure after the placement of a relay apparatus can be eliminated. In the communication capacity evaluating apparatus, a system information analyzing unit (121) acquires, from a received signal, used-band information of the communication using a MIMO mode. An S/N calculating unit (122) analyzes the received signal to determine a signal-to-noise ratio. A channel estimating unit (123) analyzes the received signal to determine a channel matrix. A throughput limit calculating unit (124) calculates the limit value of the communication capacity on the basis of the used-band information, information about the number of transmission antennas of a base station (180), information about the number of reception antennas of a radio relay apparatus (100) stored in advance, the signal-to-noise ratio and the channel matrix. A display unit (133) displays the result of a comparison between the limit value and a desired value of communication capacity set in advance.

No. of Pages : 38 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1063/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR PRODUCING HOLLOW ENGINE VALVE

(51) International classification	:F01L 3/20,F01L 3/14
(31) Priority Document No	:2010-041410
(32) Priority Date	:26/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/066479
Filing Date	:24/09/2010
(87) International Publication No	:WO/2011/104916
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)MORII HIROKAZU

2)YOSHIMURA HYOJI

(57) Abstract :

Provided is a method for producing a hallow engine valve which can easily produce a hallow engine valve in which strength is improved and weight is reduced. Specifically, provided is a method for producing a hallow engine valve which involves gradually reducing the size of the outer diameter and inner diameter of a hallow shaft of a semi-finished product (10a), sequentially inserting the hallow shaft into a plurality of molding holes (M1, M2, M(m-1), Mm, M(n-1), Mn) having different hole shapes so as to gradually extend the length of the hallow shaft, and forming the hallow shaft into a predetermined shape by sequentially performing said drawing process, wherein the semi-finished product (10a) is subjected to heat treatment such that the hardness thereof is equal to or less than a predetermined hardness, and the maximum thickness (t2) between the hallow shaft and an umbrella portion connected to the bottom edge of the hallow shaft is formed to be thicker than the thickness (t2) of the hallow shaft by means of molding hole (M2) of a die (Di2) which is adjusted to have a specific length (L2) and maximum inner diameter (D2).

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1058/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IMMUNOACTIVATION BLOOD PERFUSION FILTER FOR THE TREATMENT OF MALIGNANT TUMORS

(51) International classification :C02F 1/28
(31) Priority Document No :61/249,867
(32) Priority Date :08/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/051832
Filing Date :07/10/2010
(87) International Publication No :WO/2011/044369
(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)NOSE, YUKIHIKO

2)OHTA, KAZUhide

3)MIYAMOTO, HIROSHI

4)TAKABA, JUNJI

(57) Abstract :

The invention provides a way of producing a natural immunologically active state in a person by subjecting him to an apheresis procedure with bioincompatible biomaterials for about one hour. To safely control the immunological shock induced by this procedure, the person is put under general anesthesia for about six hours, including the apheresis time and at least an additional five hours thereafter. This immunological activation is useful for treating malignant tumors and diseases related to immunosuppression, such as AIDS. The invention also provides for the use of an apheresis column containing a blood perfusion filter with bioincompatible materials for treating malignant tumors and infectious diseases.

No. of Pages : 69 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1070/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL PESTICIDE FORMULATIONS

(51) International classification	:A61K 9/14,A01N 25/26
(31) Priority Document No	:61/277,786
(32) Priority Date	:29/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/002633
Filing Date	:29/09/2010
(87) International Publication No	:WO/2011/040956
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MICHAEL BURNET
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3)MARTIN REISSER

(57) Abstract :

Bioactive substances are imbedded or mixed into functionalized matrices to form homogenous water-insoluble solid complexes with desirable field properties such as reduced leaching in soil, improved leaf retention, selective unloading to roots and convenient packaging and application. Bioactive substances of this disclosure include pharmaceutical agents and pesticides including herbicides, insecticides, bacteriocides, rodenticides, nematocides and fungicides. The matrices comprise a monomeric-, oligomeric- or (co)polymeric backbone which may be derivatized with chemical groups exhibiting ionic (amines, carboxyls), hydrophobic, and ligandbinding interactions to form the matrix of the formulation. The various matrices may be mixed with additives or modifiers, grafted, or fused to obtain optimal properties. The formulations may be applied as granules, suspensions, emulsions in sprays, foams, or coats for seeds and fertilizers. Alternatively they may be melted and sprayed as concentrates. The formulations may be applied to foliage, soil, irrigation water, construction materials, seeding materials, grains, and buildings.

No. of Pages : 95 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1071/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SIMPLIFIED LOW INSERTION FORCE SEALING DEVICE CAPABLE OF SELF RESTRAINT AND JOINT DEFLECTION

(51) International classification	:F16L 17/02
(31) Priority Document No	:61/250,160
(32) Priority Date	:09/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025074
Filing Date	:23/02/2010
(87) International Publication No	:WO/2011/043836
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)HOLMES, WILLIAM, W., IV
2)OWEN, WILLIAM, H.

(57) Abstract :

A conduit coupling system, sealing device, bell and method of use are disclosed herein. The system comprises at least two piping components, and a sealing device. A first component has a bell and a second component has a spigot, the spigot is adapted to mate with the bell. The bell comprises a first end and a second end, the first end coupled to the first component. The bell has a concave annular inner surface and a diameter of the annular inner surface adjacent to the first end of the bell is greater than a diameter of the annular inner surface adjacent to the second end of the bell. The sealing device comprises a locking segment comprising a convex outer surface and a K-type gasket coupled to a locking segment or a non-restraining ami-extrusion segment. The sealing device is adapted to fit between the bell and the spigot.

No. of Pages : 33 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1080/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MATERIAL FEEDING APPARATUS WITH GRIPPER DRIVING MEMBER AND LINKAGE

(51) International classification	:B21C 1/28
(31) Priority Document No	:61/256,556
(32) Priority Date	:30/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054972
Filing Date	:01/11/2010
(87) International Publication No	:WO/2011/053912
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)BRYAN P. GENTILE

3)MARTIN, VAUGHN H.

(57) Abstract :

An apparatus for the intermittent feeding of a workpiece. The apparatus includes a first linearly guided gripper mechanism which is movable in a first direction of workpiece feeding and in a second direction opposite to the first direction. The first gripper mechanism includes a first gripping member and a second gripping member wherein the second gripping member is movable relative to the first gripping member for gripping the workpiece. The apparatus further includes a gripper mechanism drive actuator which is angularly adjustable, reversible and rotary, a fixed length driving member connected to the gripper mechanism drive actuator for rotation therewith. The apparatus further includes a first gripper mechanism drive connecting link with a first end pivotally connected to a first end of the fixed length driving member and with a second end pivotally connected to the first gripper mechanism for moving the first gripper mechanism.

No. of Pages : 57 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1049/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CRYSTALLINE COMPLEXES OF 4-HYDROXY BENZOIC ACID AND SELECTED PESTICIDES

(51) International classification :A01N 25/00
(31) Priority Document No :09175247.7
(32) Priority Date :06/11/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/066401
Filing Date :28/10/2010
(87) International Publication No :WO/2011/054741
(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)SCHAFER, ANSGAR

4)BRATZ, MATTHIAS

5)HOFFKEN, HANS, WOLFGANG

6)BRODE, INGO

7)NAUHA, ELISA

8)NISSINEN, MAIJA

(57) Abstract :

The present invention relates to crystalline complexes of 4-hydroxy benzoic acid and selected pesticides. It also relates to agriculturally useful compositions of the complexes.

No. of Pages : 67 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1059/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND APPARATUS FOR PREVENTING VAGINAL LACERATIONS DURING CHILDBIRTH

(51) International classification	:A61B 1/32
(31) Priority Document No	:61/278,687
(32) Priority Date	:13/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052528
Filing Date	:13/10/2010
(87) International Publication No	:WO/2011/047066
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)STEWART, MICHAEL

(57) Abstract :

A vaginal dilation device is provided that may include any of a number of features. One feature of the vaginal dilation device is that it is configured to dilate vaginal tissue during labor to prevent tissue damage. Another feature of the vaginal dilation device is that it can be manually controlled to dilate vaginal tissue, or can be automatically controlled to dilate vaginal tissue. In some embodiments, the vaginal dilation device is configured to measure a force applied by the device to tissue. In other embodiments, the vaginal dilation device is configured to apply a constant force to tissue. In other embodiments, the vaginal dilation device is configured to expand at a constant rate. Methods associated with use of the vaginal dilation device are also provided.

No. of Pages : 64 No. of Claims : 128

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1064/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FOAMABLE SUSPENSION GEL

(51) International classification	:A61K 8/38
(31) Priority Document No	:60/744,082
(32) Priority Date	:31/03/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2007/002958
Filing Date	:29/03/2007
(87) International Publication No	:WO/2008/007224
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:
Filed on	:01/01/1900

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Address of Applicant :8 MACRO COURT ROWVILLE,
VICTORIA, 3178 AUSTRALIA.
(72)**Name of Inventor :**
1)ABRAM, ALBERT ZORKO
2)FUCHSHUBER, LILIAN

(57) Abstract :

The present subject matter provides foamable suspension gels that foam after release from a container. The foamable suspension gels contain at least one pharmaceutically active agent that is sparingly soluble to insoluble in water, a second pharmaceutically active agent, and optionally a third active agent.

No. of Pages : 60 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1074/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SOLID FORMS OF N-(4-(7-AZABICYCLO[2.2.1]HEPTAN-7-YL)-2-TRIFLUOROMETHYL)PHENYL)-4-OXO-5-(TRIFLUOROMETHYL)-1,4-DIHYDROQUINOLINE-3-CARBOXAMIDE

(51) International classification	:C07D 487/08
(31) Priority Document No	:61/254,614
(32) Priority Date	:23/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/053633
Filing Date	:21/10/2010
(87) International Publication No	:WO/2011/050220
(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, MA 02139 UNITED STATES OF AMERICA.

(72)**Name of Inventor :**
1)ZHANG, BEILI
2)KRAWIEC, MARIUSZ
3)LUISI, BRIAN
4)MEDEK, ALES

(57) Abstract :

The present invention relates to substantially crystalline and solid state forms of N-(4-(7-azabicyclo[2.2.1]heptan-7-yl)-2-(trifluoromethyl)phenyl)-4-oxo-5-(trifluoromethyl)-1,4-dihydroquinoline-3-carboxamide (Form A-HCl, Form B, Form B-HCl, or any combination of these forms), pharmaceutical compositions thereof, and methods of treatment therewith.

No. of Pages : 102 No. of Claims : 99

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1076/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUNSCREEN COMPOSITION WITH FATTY ACID ALKANOLAMIDES

(51) International classification :A61K 8/35
(31) Priority Document No :12/611943
(32) Priority Date :04/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/066183
Filing Date :28/10/2010
(87) International Publication No :WO/2011/054704
(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)HINDUSTAN UNILEVER LIMITED
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MARG, CHAKALA, ANDHERI (EAST), MUMBAI 400 099,
MAHARASHTRA, INDIA.
(72)Name of Inventor :
1)POLONKA JACK
2)MISSO LUIS ROBERTO

(57) Abstract :

A cosmetic composition is provided including a water-insoluble UV-A sunscreen agent having a λ_{\max} at 330-380 nm, a water-insoluble UV-B sunscreen agent having a λ_{\max} between 280 and 320 nm, and a water-soluble sunscreen agent having a λ_{\max} between 280 and 400 nm, in combination with a photo protective enhancing agent which is a stearyl alkanolamide of structure R1C(O)NR2- R3OH wherein R1 is a C17 radical, R2 is hydrogen or a C1-C6 radical, and R3 is a C2-C8 radical, in a cosmetically acceptable carrier.

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1087/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HERBICIDAL TETRAHYDROPHthalIMIDES

(51) International classification :C07D 413/04

(31) Priority Document No :09174774.1

(32) Priority Date :02/11/2009

(33) Name of priority country :EUROPEAN UNION

(86) International Application No :PCT/EP2010/066363

Filing Date :28/10/2010

(87) International Publication No :WO/2011/051393

(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)BASF SE

Address of Applicant :67056 LUDWIGSHAFEN GERMANY.

(72)Name of Inventor :

1)WITSCHER, MATTHIAS

2)NEWTON, TREVOR WILLIAM

3)SEITZ, THOMAS

4)WALTER, HELMUT

5)SIEVERNICH, BERND

6)SIMON, ANJA

7)NIGGEWEG, RICARDA

8)GROBMANN, KLAUS

(57) Abstract :

The present invention relates to tetrahydrophthalimides of Formula (I), wherein the variables are defined according to the description, processes and intermediates for preparing the benzoxazinones of the formula I, compositions comprising them and their use as herbicides, i.e. for controlling harmful plants, and also a method for controlling unwanted vegetation which comprises allowing a herbicidal effective amount of at least one tetrahydrophthalimide of the formula I to act on plants, their seed and/or their habitat.

No. of Pages : 68 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1031/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITION FOR PROMOTING WOUND HEALING

(51) International classification :A61K 47/44

(31) Priority Document No :0901408.5

(32) Priority Date :03/11/2009

(33) Name of priority country :Sweden

(86) International Application No :PCT/SE2010/000269

Filing Date :03/11/2010

(87) International Publication No :WO/2011/056116

(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)LIPIDOR AB

Address of Applicant :BRUNBARSVAGEN 2, S-114 21
STOCKHOLM, SWEDEN.

(72)Name of Inventor :

1)CARLSSON, ANDERS

2)HOLMBACK, JAN

(57) Abstract :

lipid layer forming wound healing promoting composition comprising volatile silicone oil, polar lipid, C2 - C4 aliphatic alcohol, and a wound healing agent, in particular a low to medium size natural or synthetic peptide. Also disclosed is a method of forming the lipid layer on a wound and a medical patch provided with the composition.

No. of Pages : 31 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1077/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : OBSERVATION CELL ARRANGEMENT

(51) International classification :G01N 15/14

(31) Priority Document No :0917565.4

(32) Priority Date :08/10/2009

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2010/051698

Filing Date :08/10/2010

(87) International Publication No :WO/2011/042755

(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)THE UNIVERSITY OF NOTTINGHAM

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(72)Name of Inventor :

1)MORRIS, BRYAN

2)SELF, TIM

3)HILL, STEPHEN, JOHN

(57) Abstract :

An observation cell arrangement for flow perfusion of a sample to be examined, the arrangement comprising a flow cell (21) having a cavity therein to receive the sample, the flow cell (21) arranged to receive a flow of fluid through the cavity that is directed over the sample from a cavity inlet (22) to a cavity outlet (23), the cavity inlet (22) associated with a fluid supply line, and a first flow supply path (24) connected to the fluid supply line via a valve (39), the first flow supply path (24) adapted to receive pressure from a pressure source comprising a pressure reservoir (29) to drive fluid flow through the cavity at a desired flow rate

No. of Pages : 33 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1078/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MATERIAL FEEDING APPARATUS WITH GRIPPING MEMBER LINKAGE AND METHOD OF OPERATION

(51) International classification	:B65H 20/18
(31) Priority Document No	:61/256,556
(32) Priority Date	:30/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054969
Filing Date	:01/11/2010
(87) International Publication No	:WO/2011/053911
(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)JOSEPH P. GENTILE

2)BRYAN P. GENTILE

3)MARTIN. VAUGHN H.

(57) Abstract :

A gripper type feeding apparatus for the intermittent feeding of a workpiece. The apparatus includes a first linearly guided gripper mechanism which is movable in a first direction of workpiece feeding and in a second direction opposite to the first direction. The first gripper mechanism includes a first gripping member and a second gripping member wherein the second gripping member is movable relative to the first gripping member for gripping the workpiece. The apparatus includes a first release actuator for moving the second gripping member of the first gripper mechanism in a direction relative to the first gripping member of the first gripper mechanism. The apparatus includes a first release connecting link with a first end pivotally connected at a first pivot axis to the first release actuator and with a second end pivotally connected at a second pivot axis to the second gripping member of the first gripper mechanism.

No. of Pages : 59 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1089/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BENZODIAZEPINE BROMODOMAIN INHIBITOR

(51) International classification	:C07D 487/04
(31) Priority Document No	:0919433.3
(32) Priority Date	:05/11/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/066697
Filing Date	:03/11/2010
(87) International Publication No	:WO/2011/054845
(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)BAILEY, JAMES
2)GOSMINI, ROMAIN, LUC, MARIE
3)MIRGUET, OLIVIER
4)WITHERINGTON, JASON

(57) Abstract :

Benzodiazepine compounds of formula (I), and salts thereof, pharmaceutical compositions containing such compounds and their use in therapy, in particular in the treatment of diseases or conditions for which a bromodomain inhibitor is indicated.

No. of Pages : 98 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.120/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/01/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS FOR N-DEMETHYLATION OF MORPHINE AND TROPANE ALKALOIDS

(51) International classification	:C07D 489/02,B01J 23/44,B01J 23/12
(31) Priority Document No	:11/771,227
(32) Priority Date	:29/06/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2008/001179
Filing Date	:30/06/2008
(87) International Publication No	:WO 2009/003272 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 :

1)BROCK UNIVERSITY

Address of Applicant :500 Glenridge Avenue St. Catharines Ontario L2S 3A1 CANADA.

(72)Name of Inventor :

1)CARROLL Robert James

2)LEISCH Hannes

3)HUDLICKY Tomas

(57) Abstract :

The present invention relates to a method for N-demethylation of a tertiary N-methylated heterocycle, particularly a morphine or tropane alkaloids or derivatives thereof. The method, comprises reacting said tertiary N-methylated heterocycle with a metal catalyst, for example Pd(OAc)₂ or Cu(OAc)₂ in the presence of an oxidizing agent such as oxygen or ammonium persulfate.

No. of Pages : 16 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1072/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : GEAR MACHINING MACHINE

(51) International classification	:B23F 1/00,B23Q 1/48
(31) Priority Document No	:2009-276208
(32) Priority Date	:04/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057060
Filing Date	:21/04/2010
(87) International Publication No	:WO/2011/067949
(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)MITSUBISHI HEAVY INDUSTRIES, LTD.

Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 1088215, JAPAN.

(72)Name of Inventor :

1)AKAMA, SATORU

2)ODAN, SEISAKU

(57) Abstract :

Provided is a gear machining machine which has a cutter head with improved rigidity, and contributes to improving machining accuracy and making quality uniform when either an external gear or an internal gear has been machined. For this purpose, the gear machining machine is equipped with a movement base (12) that is movably supported and rotatably supports a rotation table (13) on which an external gear (W1) or an internal gear (W2) is mounted; a bridge section (14c) of a gate-shaped column (14) provided at a location above the movement base (12); a saddle (15) which is supported by the bridge section (14c) in a vertically movable manner; and a cutter head (16) which is provided on the front surface of the saddle (15), and the lower end of which rotatably supports a tool (T). A protrusion (16a) which projects forward is provided on the front surface of the cutter head (16). The tool (T) is disposed in such way that the front thereof protrudes further forward of an end surface (16b) which is the most forward projecting portion of the protrusion (16a).

No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1073/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : GEAR SHAPING MACHINE

(51) International classification	:B23F 5/16
(31) Priority Document No	:2010-023746
(32) Priority Date	:05/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065463
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/096104
(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)MITSUBISHI HEAVY INDUSTRIES, LTD.

Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 1088215, JAPAN.

(72)Name of Inventor :

1)MARUYAMA KAZUTAKA

(57) Abstract :

The vertical movement cycle and the movement trajectory inclination angle of a cutter (114) are switched so that when a main spindle (113) is moving downward, a head (112) is moved so as to position the cutter (114) at a machining location, and the cutter (114) is lowered rectilinearly; that when the main spindle (113) is moving upward, the head (112) is moved so as to position the cutter (114) at a withdrawal location; that, furthermore, when an external gear is to be generated by cutting, relieving means (117, 118, 120,121) for rectilinearly raising the cutter (114) cause the machining location to be positioned on one radial side of the cutter (114) and move the cutter (114) downward parallel to the axis of a workpiece (1A); and that, meanwhile, when an internal gear is to be generated by cutting, said relieving means (117, 118, 120,121) cause the machining location to be positioned on the other radial side of the cutter (114) and move the cutter (114) downward parallel to the axis of the workpiece (1A).

No. of Pages : 32 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1575/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :19/05/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : A NOVEL PROCESS AND DEVICE THAT ENHANCES WATER RECOVERY (REDUCING WATER WASTAGE) AND MEMBRANE LIFE IN REVERSE OSMOSIS BASED WATER TREATMENT SYATEM.

(51) International classification	:C02F 1/00, B01D 61/00	(71) Name of Applicant : 1)ION EXCHANGE (INDIA) LIMITED. Address of Applicant :TIECICON HOUSE, DR. E. MOSES ROAD, MAHALAXMI, MUMBAI-400 011, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)RUPA AVINASH LAGHATE
(33) Name of priority country	:NA	2)CLIFFORD D'SOUZA
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the present invention under consideration, a novel process and device that enhances water recovery (reducing water wastage) and membrane life in reverse osmosis based water treatment system. The invention under consideration aims the following to achieve recoveries through a single membrane better than so far reported by: a. Preventing excessive salt deposition on membrane. b. Preventing fouling of membranes due to microorganisms in water.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1576/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :19/05/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : COTTON COLLECTOR

(51) International classification	:A01D 46/08	(71) Name of Applicant : 1)NATUBHAI R WEDHER
(31) Priority Document No	:NA	Address of Applicant :VILLAGE ERWADA PATADI,
(32) Priority Date	:NA	DISTRICT SURENDRANAGAR, PIN 382750 GUJARAT India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)NATUBHAI R WEDHER
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A machine for harvesting and collecting cotton bolls comprising at least one vibrator unit at least one conveyor unit, at least one suction and blowing unit and at least one storage unit. The machine comprises a plurality of vibrating rods. The machine further comprises a plurality of blowers of suction and blowing unit are preferably arranged at both ends of machine.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1081/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : USE OF FERROQUINE IN THE TREATMENT OR PREVENTION OF MALARIA

(51) International classification :A61P 33/06

(31) Priority Document No :09/05,212

(32) Priority Date :30/10/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/052331

Filing Date :29/10/2010

(87) International Publication No :WO/2011/051634

(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)SANOFI

Address of Applicant :54 RUE LA BOETIE 75008 PARIS
FRANCE.

(72)Name of Inventor :

1)FRAISSE, LAURENT

2)STRUXIANO, ANNIE

(57) Abstract :

The present invention relates to the use of ferroquine, the N-demethylated metabolite or any of the pharmaceutically acceptable salts thereof for treating and/or preventing infections caused by a parasite belonging to the Plasmodium genus, the life cycle of which includes a phase of hepatic latency in the human host. (57) Abrege: La presente invention a trait a l'utilisation de la ferroquine, de son metabolite N- demethyle, ou de l'un de leurs sels pharmaceutiquement acceptables, dans le traitement et/ou la prevention d'infections causees par un parasite du genre Plasmodium, dont le cycle de vie comprend une phase de latence hepatique chez l'urate humain.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1082/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ASSAYS FOR THE DETECTION OF ANTI-TNF DRUGS AND AUTOANTIBODIES

(51) International classification :G01N 33/50
(31) Priority Document No :61/255,048
(32) Priority Date :26/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/054125
Filing Date :26/10/2010
(87) International Publication No :WO/2011/056590
(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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DIEGO, CALIFORNIA 92121-5201 UNITED STATES OF
AMERICA.
(72)Name of Inventor :
1)SINGH, SHARAT
2)WANG, SHUI LONG
3)OHRMUND, LINDA

(57) Abstract :

The present invention provides assays for detecting and measuring the presence or level of anti-TNF α drug therapeutics and autoantibodies in a sample. The present invention is useful for optimizing therapy and monitoring patients receiving anti-TNF α drug therapeutics to detect the presence or level of autoantibodies (e.g., HACA and/or HAHA) against the drug.

No. of Pages : 121 No. of Claims : 84

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1448/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD FOR PURIFYING THE URANIUM FROM A NATURAL URANIUM CONCENTRATE

(51) International classification :C22B 3/26,B01D
11/04
(31) Priority Document No :09 59380
(32) Priority Date :22/12/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2010/070248
Filing Date :20/12/2010
(87) International Publication No :WO/2011/076739
(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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2)AREVA NC
(72)**Name of Inventor :**
1)MIGUIRDITCHIAN, MANUEL
2)BARON, PASCAL
3)BISEL, ISABELLE
4)DINH, BINH
5)SOREL, CHRISTIAN
6)BERTIN, JEAN

(57) Abstract :

The invention relates to a method with which uranium from a natural uranium concentrate may be purified. This method comprises: a) extracting the uranium present as uranyl nitrate in an aqueous phase A1 resulting from the dissolution of the natural uranium concentrate in nitric acid, by means of an organic phase which contains an extractant in an organic diluent; b) washing the organic phase obtained at the end of step a), with an aqueous phase A2; and c) stripping the uranyl nitrate of the organic phase obtained at the end of step b) , by circulating this organic phase in an apparatus, as a counter current against an aqueous phase A3; and is characterized in that the extractant is an N, N-dialkylamide and in that the ratio between the flow rate at which the organic phase obtained at the end of step b) and the aqueous phase A3 circulate in the apparatus where step c) occurs, is greater than 1.
Applications: refining of natural uranium concentrates produced by uranium mines.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.193/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/01/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : DOCUMENT ANALYSIS□ COMMENTING, AND REPORTING SYSTEM□

(51) International classification	:G06F17/27
(31) Priority Document No	:12/558,483
(32) Priority Date	:11/09/2009
(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	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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2)Alex Kass
3)Reymonrod G. Vasquez

(57) Abstract :

A document analysis, commenting, and reporting system provides tec-is that automate quality assurance analysis tailored to specific document types, As one example, She specific document type may be a requirements specification and the system may tag different parts of requirements, including actors, entities, modes, and a remainder. The system atso includes teois- for visualizing the relationships between entities in a requirements specification and for Identifying whether the requirements specification provides for attributes specified by a fieri-functional attribute glossary, . The system facilitates the visuafealion of interactions of indi vidua I entries, of a system of entities, or entities Identified for a specific use. The different types of visualizations distinguish between interacting and non-interacting entities, and highlight where H set of requirements may be deficient wiilh resped to the non-interacting entities. However, the flexibility Of the system permits analysis of any other document typo, such as instruction manuals and best practices guides.

No. of Pages : 149 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1088/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMMAND QUEUE FOR PERIPHERAL COMPONENT

(51) International classification	:G06F 3/00
(31) Priority Document No	:12/615,587
(32) Priority Date	:10/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/055769
Filing Date	:08/11/2010
(87) International Publication No	:WO/2011/059897
(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)APPLE INC.

Address of Applicant :1 INFINITE LOOP, CUPERTINO, CALIFORNIA 95014 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)LEE, DOUGLAS C.

2)ROSS, DIARMUID P.

3)TOELKES, TAHOMA M.

(57) Abstract :

In an embodiment, a peripheral component configured to control an external interface of an integrated circuit. For example, the peripheral component may be a memory interface unit such as a flash memory interface unit. The internal interface to the peripheral component may be shared between data transfers to/from the external interface and control communications to the peripheral component. The peripheral component may include a command queue configured to store a set of commands to perform a transfer on the interface. A control circuit may be coupled to the command queue and may read the commands and communicate with an interface controller to cause a transfer on the interface responsive to the commands. In an embodiment, a macro memory may store command sequences to be performed in response to a macro command in the command queue. In an embodiment, an operand queue may store operand data for use by the commands.

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1570/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :18/05/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : DETOXIFIED ARGEMONE OIL FOR EDIBLE AND NON-EDIBLE USE

(51) International classification	:C10L 1/19	(71)Name of Applicant : 1)DAS PREMANANDA
(31) Priority Document No	:NA	Address of Applicant :B-221, KALPATARU TOWERS,
(32) Priority Date	:NA	AKURLI ROAD, KANDIVALI-EAST, MUMBAI-400101
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DAS PREMANANDA
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Detoxified and purified Argemone oil, without transesterification, for edible use as well as nonedible use such as biodiesel and process for preparation thereof is disclosed herein.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1571/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :18/05/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : OIL OF OLAX SCANDENS FOR EDIBLE AND NON-EDIBLE USE

(51) International classification	:C10L 1/19	(71)Name of Applicant : 1)DAS PREMANANDA
(31) Priority Document No	:NA	Address of Applicant :B-221, KALPATARU TOWERS,
(32) Priority Date	:NA	AKURLI ROAD, KANDIVALI (E), MUMBAI-400 101
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DAS PREMANANDA
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses the oil of Olax Scandens for use as bio-additive to petroleum diesel and to the process for extraction, modification and characterization of Olax scandens oil.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1574/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :19/05/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : OPERATING MECHANISM FOR A PARKING BRAKE

(51) International classification	:F16D 65/14
(31) Priority Document No	:102009022296.0
(32) Priority Date	:22/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(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)DIETZ-AUTOMOTIVE GMBH & CO. KG
Address of Applicant :EISENBAHNSTR. 67, 73265
DETTINGEN/TECK, GERMANY.
(72)**Name of Inventor :**
1)BARCIN BARIS

(57) Abstract :

The invention relates to an operating mechanism (1) for a parking brake and is provided with a manual brake lever (2) that is positioned pivoting on a bearing block (3). With the aid of a locking device (9), the manual brake lever (2) can be secured in a predetermined pivoting position. The operating mechanism (1) according to the invention is furthermore provided with an actuating rod (7) that is guided inside the manual brake lever (2) and is operatively connected to the locking device (9). The manual brake lever (2) comprises a guiding device (6) in which the . actuating rod (7) is positioned so as to be displaceable. The guiding device (6) is embodied as a U-shaped profile with an opening on the side of the manual brake lever (2) into which the actuating rod (7) can be inserted.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2357/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :17/12/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : USER PROFILE GENERATION ARCHITECTURE FOR MOBILE CONTENT-MESSAGE TARGETING □

(51) International classification	:H04L 29/06, G06F 17/30
(31) Priority Document No	:12/134,601
(32) Priority Date	:06/06/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/069369
Filing Date	:07/07/2008
(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)QUALCOMM INCORPORATED

Address of Applicant :5775 Morehouse Drive San Diego
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(72)Name of Inventor :

1)AGGARWAL Pooja

2)KRISHNASWAMY Dilip

3)DALEY Robert S.

4)LUNDQVIST Patrik

(57) Abstract :

A targeted-content-message-related profile for use with wireless access terminals (W-ATs) may be generated by one or more usage-related rules on the W-AT itself. The usage generate rules may be used by the W-AT to generate a user profile, with the usage-related rule providing a dynamic property to the user profile. All or part of the user profile may then be used as a targeted-content-message-related profile for targeting content messages.

No. of Pages : 46 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.209/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/01/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : 2-AMINO-4-ARYLTHIAZOLE COMPOUNDS AS TRPA1 ANTAGONISTS

(51) International classification	:A61K 31/519,A61K 31/675	(71)Name of Applicant : 1)GLENMARK PHARMACEUTICALS S.A. Address of Applicant :CHEMIN DE LA COMBETA 5, 2300 LA CHAUX-DE-FONDS, SWITZERLAND.
(31) Priority Document No	:3451/MUM/2010	
(32) Priority Date	:20/12/2010	
(33) Name of priority country	:India	(72)Name of Inventor :
(86) International Application No	:PCT/US11/65160	1)KUMAR SUKEERTHI
Filing Date	:15/12/2011	2)THOMAS ABRAHAM
(87) International Publication No	: NA	3)CHAUDHARI SACHIN SUNDARLAL
(61) Patent of Addition to Application Number	:NA	4)KANSAGRA BIPIN PARSOTTAM
Filing Date	:NA	5)YEMIREDDY VENKATA RAMANA
(62) Divisional to Application Number	:NA	6)KHAIRATKAR-JOSHI NEELIMA
Filing Date	:NA	7)MUKHOPADHYAY INDRANIL
		8)GUDI GIRISH

(57) Abstract :

The present invention is related to 2-amino-4-arylthiazole derivatives as TRPA (Transient Receptor Potential subfamily A) modulators. In particular, compounds described herein are useful for treating or preventing diseases, conditions and/or disorders modulated by TRPA1 (Transient Receptor Potential subfamily A, member 1). Also provided herein are processes for preparing compounds described herein, intermediates used in their synthesis, pharmaceutical compositions thereof, and methods for treating or preventing diseases, conditions and/or disorders modulated by TRPA1.

No. of Pages : 96 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2364/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :18/12/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : STEEL PLATE STRUCTURE AND STEEL PLATE CONCRETE WALL

(51) International classification :E04B2/86

(31) Priority Document No :

(32) Priority Date : -

(33) Name of priority country :

(86) International Application No :PCT/KR2008/003697

Filing Date :26/06/2008

(87) International Publication No :WO2009/002112A2

(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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2)KOREA POWER ENGINEERING COMPANY, INC.

(72)Name of Inventor :

1)LEE, HAN-WOO

2)LEE, JONG-BO

3)KIM, JONG-HAK

4)LEE, UNG-KWON

5)MUN, TAE-YOUP

6)SUN, WON-SANG

7)LEE, JIN-WOO

8)KIM, TAE-YOUNG

(57) Abstract :

A steel plate structure and a steel plate concrete wall are disclosed. A steel plate structure, which includes: a pair of steel plates, which are separated to provide a predetermined space; a structural member, which is positioned in the predetermined space, and which is structurally rigidly joined to one side of the steel plate in the direction of gravity; and a strut, which maintains a separation distance between the pair of steel plates, can be utilized to reduce the overall thickness of a steel plate concrete wall for efficient use of space, and to reduce the thickness of the steel plates for better welding properties and larger unit module sizes. Also, the axial forces or lateral forces applied on the steel plate concrete wall may be effectively resisted.

No. of Pages : 39 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2387/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :23/12/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : SELF ALIGNING BEARING AND SEAL ASSEMBLY

(51) International classification :F16C23/04

(31) Priority Document No :

(32) Priority Date : -

(33) Name of priority country :

(86) International Application No :PCT/US2008/077156

Filing Date :22/09/2008

(87) International Publication No :WO2009/131594A1

(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)LUBRICATION SYSTEMS COMPANY OF TEXAS, LLC.

Address of Applicant :1740 STEBBINS DRIVE,
HOUSTON,TX 77043, UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)EHLERT, CHARLES, WAYNE.

2)DUNCAN, PATRICK, WILSON.

(57) Abstract :

A self aligning bearing and seal assembly including a bearing housing operable to mount to a surface, a bearing unit seated within the bearing housing and having an outer race, an inner race, and at least one ball intermediate the outer and inner race. The self aligning bearing and seal assembly also includes a pivot assembly having a shaft sleeve operable for receiving and maintaining a rotatable shaft and being disposed in the bearing housing and in operational contact with the inner race of the bearing unit. The pivot assembly allows for a degree of angular misalignment between the surface and the shaft greater than three degrees.

No. of Pages : 30 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2388/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :23/12/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : BLOWING APPARATUS FOR EXPANDING CONTAINERS

(51) International classification	:B29C 49/58
(31) Priority Document No	:102007032434.2
(32) Priority Date	:10/07/2007
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2008/058665
Filing Date	:04/07/2008
(87) International Publication No	:WO2009/007315A2
(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)KRONES AG

Address of Applicant :BOHMERWALDSTRASSE 5, 93073, NEUTRAUBLING, GERMANY.

(72)Name of Inventor :

1)SPERKA, WOLFGANG

2)BLOCHMANN, ERIK

3)GELTINGER, FLORIAN

(57) Abstract :

The invention relates to a blowing apparatus (1) for expanding containers (10) with a gaseous medium, comprising a blowing piston (2) and comprising a blowing nozzle (6), through which the container (10) is expanded with the gaseous medium. According to the invention, the blowing piston (6) is movable in a longitudinal direction (L) of the blowing nozzle (6), wherein the blowing nozzle (6) is movable in the longitudinal direction (L) relative to the blowing piston (2), and a guide device (4) is provided which guides the movement of the blowing nozzle (6) in the longitudinal direction (L) relative to the blowing piston (2) .

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.279/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LOCATION REPORTING WITH SECURE USER PLANE LOCATION (SUPL)

(51) International classification	:H04W 4/02,H04W 12/08
(31) Priority Document No	:60/711,801
(32) Priority Date	:25/08/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/033250
Filing Date	:25/08/2006
(87) International Publication No	:WO/2007/025143
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:519/MUMNP/2008
Filed on	:19/03/2008

(71)Name of Applicant :

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5775 Morehouse Drive San Diego California 92121-1714
UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)WACHTER Andreas

2)EDGE Stephen

3)BURROUGHS Kirk

(57) Abstract :

Techniques for supporting periodic and other location services with Secure User Plane Location (SUPL) and other location architectures are described. The techniques can provide position estimates for a SUPL enabled terminal (SET) to a SUPL agent periodically and/or based on trigger events. A Home SUPL Location Platform (H-SLP) receives from the SUPL agent a request for position estimates for the SET. The H-SLP starts a SUPL location session with the SET. For each of at least one reporting event during the location session the H-SLP obtains a position estimate for the SET and sends the position estimate to the SUPL agent. The position estimate may be derived by the SET and sent to the H-SLP. Alternatively the position estimate may be derived by the H-SLP based on measurements from the SET.

No. of Pages : 56 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2378/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :22/12/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : AXIAL GAP TYPE ROTATING MACHINE

(51) International classification	:H02K1/27
(31) Priority Document No	:2007-170122
(32) Priority Date	:28/06/2007
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2008/061707
Filing Date	:27/06/2008
(87) International Publication No	:WO
	2009/001917A1
(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)MIYATA, KOJI

2)WATANABE, NAOKI

3)HONSHIMA, MASAKATSU

(57) Abstract :

An axial gap type rotating machine rigidly fixing the permanent magnets without reducing the magnetic flux and having a high output is provided. An axial gap type rotating machine having: a housing 19; a rotating shaft 11 rotatably supported in the housing; two rotors (15a, 15b), having rotating disks (12a, 12b) rotatable integrally with the rotating shaft 11 as the central axis, and permanent magnets (13a, 13b) arranged concentrically in spaced relation to each other on at least one side of the surfaces of the rotating disks, wherein the surfaces having the permanent magnets face each other in spaced relation; and a stator 18 that is arranged between the rotors facing each other, the stator is spaced from the rotor, and fixed to the housing, the stator having a plurality of coils 16 disposed concentrically around said rotating shaft in spaced relation to each other; wherein magnetic flux generated from the permanent magnets of the rotors intermittently penetrates the interior of each of the coils 16 disposed concentrically around said rotating shaft 11 as it rotates, wherein the rotating disk has a concave portion 21 in the surface facing the stator and the permanent magnets are disposed at the concave portions so as to protrude above the surface of the rotating disk.

No. of Pages : 32 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2398/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :24/12/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR DETECTING ANALYTES

(51) International classification :G01N33/543
(31) Priority Document No :102007029766.3
(32) Priority Date :22/06/2007
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2008/057913
Filing Date :20/06/2008
(87) International Publication No :WO2009/000784A1
(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)BRAHMS AKTIENGESELLSCHAFT.
Address of Applicant :NEUENDORFSTRAPE.25, 16761
HENNINGSDORF, GERMANY.
(72)Name of Inventor :
1)BERGMANN, ANDREAS.
2)STRUCK, JOACHIM.

(57) Abstract :

The subject of this invention is a process for detection of analytes from biological samples comprising the following process steps: a) Preparation of a reversible binding partner 1 that is immobilized on a solid phase, to which an analyte binder is reversibly bonded via a reversible binding partner 2 that is bonded to the analyte binder, whereby the analyte binder is immobilized by binding between the reversible binding partners 1 and 2, b) Addition of the biological sample and binding of the analyte to the reversible immobilized analyte binder in the case that the biological sample contains the analytes, c) Separation of the biological sample, d) Addition of a dissolving buffer, which dissolves the binding between the reversible binding partners 1 and 2, whereby the binding of the analyte to the analyte binder remains optional, and e) Detection of the analyte in the dissolving buffer in the case that the biological sample contains the analytes and determination of the absence of the analyte in the case that the biological sample does not contain the analytes, respectively.

No. of Pages : 69 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.366/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD,SYSTEM AND DEVICE FOR USING TERMINAL IDENTIFIER

(51) International classification :H04W 72/04
(31) Priority Document No :200910091263.7
(32) Priority Date :14/08/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/075944
Filing Date :12/08/2010
(87) International Publication No :WO/2011/018043
(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)CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY
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(72)**Name of Inventor :**
1)ZHAO YI
2)LIANG JING
3)LI HAITAO

(57) Abstract :

The embodiments of the present invention disclose a method, a system and a device for using a terminal identifier, and the method includes: the network side configures, for a terminal performing carrier aggregation, a uniform Radio Network Temporary Identifier (RNTI) in the cells where the carrier aggregation is performed; the network side and the terminal perform data reception and transmission using the uniform RNTI configured in the cells where the carrier aggregation is performed. By the invention, a terminal with carrier aggregation technology is able to perform the data reception and transmission with each cell using the RNTI.

No. of Pages : 32 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1577/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :19/05/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PURIFICATION MEDIUM

(51) International classification	:B01D 29/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LTD.
(31) Priority Document No	:NA	Address of Applicant :TCS HOUSE, RAVELINE STREET,
(32) Priority Date	:NA	21 DS MARG, FORT MUMBAI MUMBAI-400001 Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHANKAR BALAJIRAO KAUSLEY
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a purification medium. The said purification medium comprises a mixture of rice husk ash and clay including voids created by combustion of the mixture. The combustion of mixture causes removal of at least a fraction of carbon present in the rice husk ash.

No. of Pages : 22 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1578/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :20/05/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF AMORPHOUS WARFARIN SODIUM

(51) International classification	:A61K 31/00	(71)Name of Applicant : 1)Alembic Ltd
(31) Priority Document No	:NA	Address of Applicant :Alembic Research Centre Alembic Ltd
(32) Priority Date	:NA	Alembic Road Vadodara GUJARAT India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)RAMAN Jayaraman Venkat
Filing Date	:NA	2)PANCHASARA Dineshkumar
(87) International Publication No	: NA	3)PATWA Mitul
(61) Patent of Addition to Application Number	:NA	4)PRAJAPATI Bhavesh
Filing Date	:NA	5)JAYSWAL Milan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to process for the preparation of Amorphous Warfarin sodium.

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.164/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :27/01/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYSTEM FOR CONTROLLING ACCESS TO CONTENT□

(51) International classification	:G06F 17/30,G06F 1/00
(31) Priority Document No	:N/A
(32) Priority Date	: -
(33) Name of priority country	:Argentina
(86) International Application No	:PCT/US2005/035289
Filing Date	:30/09/2005
(87) International Publication No	:WO 2006/039548 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:640/MUMNP/2007
Filed on	:01/05/2007

(71)Name of Applicant :

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(72)Name of Inventor :

1)WHITTEN Alma W.

2)OTMSULLIVAN Joseph K.

(57) Abstract :

A software module is presented that enables a person to determine the relevance of a document while preventing the person from making a copy of the entire document. In one embodiment, this is accomplished by programmatically controlling which portions of a document will be presented to a user and which portions will not be presented to the user. In one embodiment, the software module is used in conjunction with a search engine to present a document search result.

No. of Pages : 27 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2221/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :30/11/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : WATER TREATMENT COMPOSITION

(51) International classification	:C02F 1/50, C02F 1/58
(31) Priority Document No	:2007902293
(32) Priority Date	:01/05/2007
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2008/000606
Filing Date	:01/05/2008
(87) International Publication No	:WO/2008/131495
(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)BLUE LAGOON PEARLS PTY LTD.

Address of Applicant :29 LOCH STREET, CLAREMONT, WESTERN AUSTRALIA 6010, AUSTRALIA.

(72)Name of Inventor :

1)MORGAN, ROBERT PETER.

(57) Abstract :

A composition for the treatment of water comprising a treating component and a support wherein the treating component is a liquid organic compound, and the support is a solid organic compound.

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2304/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :10/12/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : A SYNERGISTIC PHARMACEUTICAL COMBINATION FOR THE TREATMENT OF CANCER

(51) International classification :A61K31/4025
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2007/051841
Filing Date :15/05/2007
(87) International Publication No :WO2008/139271A2
(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)PIRAMAL LIFE SCIENCES LIMITED
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(72)Name of Inventor :
1)RATHOS, MAGGIE
2)JOSHI, KALPANA
3)KHANWALKAR, HARSHAL
4)SHARMA, SOMESH

(57) Abstract :

A novel pharmaceutical combination comprising a cytotoxic antineoplastic agent selected from the group consisting of paclitaxel, docetaxel, doxorubicin and gemcitabine or a pharmaceutically acceptable salt thereof and at least one cyclin dependent kinase (CDK) inhibitor; wherein said combination exhibits synergistic effects when used in the treatment of cancer. The invention also relates to a method for the treatment of cancer, using a therapeutically effective amount of said combination.

No. of Pages : 56 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2687/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR MIDDLEWARE OF A SENSOR NETWORK□

(51) International classification	:H04L12/24 ,H0□L29/08
(31) Priority Document No	:61/187,088
(32) Priority Date	:15/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/148029
Fil□ng Date	:15/06/2010
(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)QUALCOMM INCORPORATED

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(72)Name of Inventor :

1)BULLARD Gregory T.

2)BRAKE Desiree D.

3)PRUETTING Christopher J.

4)STITTS Raymond S.

5)RYBERG Jason T.

6)THOMAS Jason C.

7)WINCHELL Diane M.

(57) Abstract :

An apparatus for managing reports including a processing system is disclosed. The processing system is configured to receive a plurality of reports from a plurality of other apparatuses filter out one or more of the plurality of reports and forward the remaining plurality of reports to another apparatus wherein each of the plurality of reports comprises data based on a sensor measurement at the respective one of the plurality of other apparatuses.

No. of Pages : 64 No. of Claims : 17

(54) Title of the invention : HAIR TREATMENT COMPOSITION

(51) International classification	:A61Q 5/10,A61K 8/19
(31) Priority Document No	:EP09168375
(32) Priority Date	:21/08/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/061978
Filing Date	:17/08/2010
(87) International Publication No	:WO/2011/020833
(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)HINDUSTAN UNILEVER LIMITED

Address of Applicant :UNILEVER HOUSE, B.D.SAWANT MARG, CHAKALA, ANDHERI (EAST), MUMBAI 400 099, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)KNIGHT PENELOPE EILEEN**2)QUARTEY RICHARD AWERKWEI**

(57) Abstract :

This invention relates to a permanent dye for colouring keratinous fibres, in particular one based on the extract of Terminalia chebula, also known as Black Myrobalan or Chebulic Myrobalan, a 30 metres tall evergreen tree native to southern Asia from India/Nepal to southwestern China to Sri Lanka, Malaysia and Vietnam bearing 2 to 4.5 cm long dark drupe-like fruit with longitudinal ridges. Non-permanent hair colour comprises either active species which are larger than 10 Angstroms and can only coat the hair shaft rather than diffuse through the pores into the hair shaft or active species which are not larger than 10 Angstroms and can diffuse through the pores into the hair shaft but once within the hair shaft are able to react or associate with either another species to form a product larger than 10 Angstroms or the internal surface of the hair shaft and thereby to become trapped within the hair shaft. This invention therefore provides a permanent dye for colouring keratinous fibres, the permanent dye comprising: (d) A solution of iron (II) or iron (III) salt; (e) A solution of an aqueous extract of Terminalia chebula; and (f) A solution of at least one colour developer selected from the group consisting of a polyphenol, the breakdown products of a polyphenol, derivatives thereof and mixtures of polyphenols; wherein the iron (II) or iron (III) salt and the at least one colour developer selected from the group consisting of a polyphenol, the breakdown products of a polyphenol and derivatives thereof react to form a complex, and wherein the polyphenol, the breakdown products of a polyphenol, derivatives thereof and mixtures of polyphenols is not in the form of an aqueous extract of terminalia chebula. A method of colouring keratinous fibres using the permanent dye is also provided.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2747/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/12/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : PARTLY- INLAID TREADMILL

(51) International classification	:A63B 22/02
(31) Priority Document No	:PI0802482-0
(32) Priority Date	:25/07/2008
(33) Name of priority country	:Brazil
(86) International Application No	:PCT/BR2009/000159
Filing Date	:04/06/2009
(87) International Publication No	:WO/2010/009521
(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)NISHIMURA Takashi

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SP Cep: 17580-000 Brazil

(72)Name of Inventor :

1)NISHIMURA Takashi

(57) Abstract :

Partly-inlaid treadmill, with the part corresponding to the motor case located in a maintenance aisle of the fitness center comprising a partition or wall (1), wherein handrails (4), a panel (9), an object case (11), and fans (42) fixed to the wall (1) and the mechanical and electric components thereof, without cowlings or with small coverings, are centrally located on the structure of the treadmill in the aisle, a side of the wall (1) being directed toward the area accessed by the users of the fitness center and the other side of the wall facing an aisle that may be exclusively accessed by the authorized staff that maintain and regulate the machinery of the treadmills.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2749/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/12/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : A MONITORING SYSTEM BASED ON ETCHING OF METALS

(51) International classification :G01D 21/00

(31) Priority Document No :61/081,763

(32) Priority Date :04/06/2008

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2009/046228

Filing Date :04/06/2009

(87) International Publication No :WO/2009/149243

(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)PATEL G

Address of Applicant :100 Wood Avenue Middlesex New Jersey 08846 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)PATEL G

(57) Abstract :

Compositions, devices and processes related to etching of a very thin layer or fine particles of a metal are disclosed for monitoring a variety of parameters, such as time, temperature, time-temperature, thawing, freezing, microwave, humidity, ionizing radiation, sterilization and chemicals These devices have capabilities of producing a long and sharp induction period of an irreversible visual change The devices are composed of an indicator comprising a very thin layer of a metal The indicator retains its opacity and metallic luster, e g, silvery white, mirror like finish of aluminum layer for a long time The activator destroys the indicator layer including the naturally formed oxide layer

No. of Pages : 225 No. of Claims : 93

(12) PATENT APPLICATION PUBLICATION

(21) Application No.339/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SCRAMBLING CODE SELECTION

(51) International classification	:H04W16/12 ,H04W88/08
(31) Priority Document No	:0914020.3
(32) Priority Date	:11/08/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/050998
Filing Date	:15/06/2010
(87) International Publication No	:WO 2011/018641
(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)MAIDA, AMINU, WADA

2)CARTER, ALAN, JAMES, AUCHMUTY

3)PEARCEY, SIMON

4)GIUSTINA, ANDREA

(57) Abstract :

basestation forms part of a group of basestations within a cellular communications network, and selects an identifying code for use in identifying transmissions from the basestation. The basestation receives from a management node a first list of identifying codes and a second list of identifying codes, wherein the identifying codes of the first list can appear in neighbour cell lists of basestations outside said group, and wherein the identifying codes of the second list can not appear in neighbour cell lists of basestations outside said group. The basestation determines whether there is at least one identifying code either in the first list of identifying codes or the second list of identifying codes that is not used by any other basestation in said group. If there is at least one identifying code in the first list of identifying codes and at least one identifying code in the second list of identifying codes that are not used by any other basestation in said group, an identifying code from the first list of identifying codes is selected in preference to an identifying code from the second list of identifying codes.

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.415/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CONJUGATES OF PYRROLO [1,4]BENZODIAZEPINE DIMERS AS ANTICANCER AGENTS

(51) International classification :C07D 519/00

(31) Priority Document No :0904043

(32) Priority Date :25/08/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/051709

Filing Date :12/08/2010

(87) International Publication No :WO/2011/023883

(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)SANOFI

Address of Applicant :54 RUE LA BOETIE 75008 PARIS
FRANCE.

(72)Name of Inventor :

1)COMMERCON, ALAIN

2)GAUZY-LAZO, LAURENCE

(57) Abstract :

The invention relates to novel conjugates of pyrrolo[1,4]benzodiazepine dimers (I) which can be used as anticancer agents.

No. of Pages : 65 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.416/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND APPARATUS FOR FORCE REDISTRIBUTION IN ARTICULAR JOINTS

(51) International classification	:A61F 2/08
(31) Priority Document No	:61/237,518
(32) Priority Date	:27/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046996
Filing Date	:27/08/2010
(87) International Publication No	:WO/2011/025959
(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)COTERA, INC.

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(72)Name of Inventor :

1)SHENOY, VIVEK

2)DEEM, MARK

3)GIFFORD, HANSON

(57) Abstract :

Pathologies of joints arising from improper force distributions are addressed by displacement of targeted connective and muscle tissues surrounding the joint in order to realign force vectors and alter moment arms loading the joint.

No. of Pages : 93 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.406/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : VACCINES AND IMMUNOTHERAPEUTICS COMPRISING IL-15 RECEPTOR ALPHA AND/OR NUCLEIC ACID MOLECULES ENCODING THE SAME, AND METHODS FOR USING THE SAME

(51) International classification :A61K 45/00

(31) Priority Document No :61/242,210

(32) Priority Date :14/09/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/048827

Filing Date :14/09/2010

(87) International Publication No :WO/2011/032179

(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)THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA

Address of Applicant :3160 CHESTNUT STREET, SUITE 200, PHILADELPHIA, PA 19140-6283 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)WEINER, DAVID, B.

2)KRAYNYAK, KIMBERLY, A.

3)KUTZLER, MICHELE

(57) Abstract :

Compositions, recombinant vaccines and live attenuated pathogens comprising one or more isolated nucleic acid molecules that encode an immunogen in combination with an isolated nucleic acid molecule that encodes IL- 15Ra or a functional fragment thereof are disclosed. Methods of inducing an immune response in an individual against an immunogen, using such compositions are disclosed.

No. of Pages : 64 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.407/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CARTILAGE REPAIR

(51) International classification	:A61F 5/00
(31) Priority Document No	:61/236,631
(32) Priority Date	:25/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044969
Filing Date	:10/08/2010
(87) International Publication No	:WO/2011/025650
(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)GENZYME CORPORATION

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(72)Name of Inventor :

1)BUTLER, TIMOTHY J.

2)PHILBROOK, MICHAEL

3)JARRETT, PETER K.

(57) Abstract :

This invention relates to compositions, methods of preparation thereof, and use thereof for cartilage repair.

No. of Pages : 31 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION

(21) Application No.417/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DISTRIBUTED PRE-ENRICHMENT METHOD AND SYSTEM FOR PRODUCTION OF HEAVY WATER

(51) International classification	:C01B 5/02
(31) Priority Document No	:12/461,025
(32) Priority Date	:29/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001169
Filing Date	:29/07/2010
(87) International Publication No	:WO/2011/011876
(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)ISOWATER CORPORATION

Address of Applicant :637 HURONTARIO STREET,
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(72)Name of Inventor :

1)STUART, ANDREW T. B.

2)MILLER, ALISTAIR I.

3)NORVAL, GRAEME

(57) Abstract :

The present invention provides a process whereby pre-enrichment of water streams using a hydrogen source and a catalytic isotope exchange method at one or more remote sites to supply water with augmented deuterium concentration to a central heavy water. This central heavy water plant could utilize any suitable heavy water production technology, including the Combined Electrolysis and Catalytic Exchange (CECE) heavy water production plant and Girdler Sulfide process. The deuterium content of water at the remote sites is increased and provides water stream(s) with augmented deuterium concentration to feed to the central heavy water production plant. This could be a first stage of the central CECE deuterium enrichment plant, increasing its capacity for heavy water production approximately in the ratio of its enrichment above natural deuterium concentrations. The invention further provides systems and methods for adapting chlorate and chlorine dioxide systems which produce hydrogen to additionally produce deuterium-enriched water.

No. of Pages : 89 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.424/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FASTENING APPARATUS OF COMBINED BOAT

(51) International classification	:B63B 7/02
(31) Priority Document No	:200910041617.7
(32) Priority Date	:04/08/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/070809
Filing Date	:01/03/2010
(87) International Publication No	:WO/2011/015045
(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)LUO, ENHAO

Address of Applicant :E8-805, RONGYANXIA, GUANGDA GARDEN GEXIN ROAD, HAIZHU GUANGZHOU, GUANGDONG 510220 CHINA.

2)LUO, DAKAI

(72)Name of Inventor :

1)LUO, ENHAO

2)LUO, DAKAI

(57) Abstract :

A fastening apparatus of a combined boat for securely joining boat hulls of the combined boat is disclosed. Grooves (3) are provided at the peripheries of joints of the boat hulls. The fastening apparatus includes a holding band (2) with ridges (4) mating with the grooves (3), and the holding band engages via the ridges (4) with the grooves (3) so as to join the boat hulls of the combined boat together securely. The fastening apparatus of the combined boat is simple in structure, easy to manufacture, and convenient to mount and dismount.

No. of Pages : 15 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.425/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : REGULATOR DEVICE FOR VEHICLE DOOR WINDOW PANE

(51) International classification	:E05F 11/44
(31) Priority Document No	:2009-207310
(32) Priority Date	:08/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062872
Filing Date	:30/07/2010
(87) International Publication No	:WO/2011/030630
(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)FUJISAKI, TOMOYUKI
2)YONEMOTO, MASASHI
3)YAMAZAKI, MASAKO

(57) Abstract :

A regulator device for vehicle door glass, configured in such a manner that a lift arm and the entire device are reduced in thickness and that an equalizer arm can be easily formed by drawing. A lift arm (25) is provided with a through-hole (26), a flange wall (31), and a ridge (29) which is configured so as to form an annular gap (30) with respect to the flange wall and which protrudes a greater distance than the flange wall. An equalizer arm (40) comprises: a first arm (42) which is provided with a rotation shaft protrusion section (46) located on one surface side of the lift arm and rotatably engaging with the through-hole, and also with a rotation contact surface (47) in rotatable contact with the ridge; and a second arm (50) which is located on the other surface side of the lift arm and is provided with an affixation section (56) affixed to a rotation shaft section, and also with a contacting protrusion section (55) in rotatable contact with the other surface of the lift arm.

No. of Pages : 22 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.397/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SCLERAL INCISION TEMPLATE AND A SPECIAL BLADE-KNIFE FOR EYE SURGERY

(51) International classification	:A61F 9/007
(31) Priority Document No	:1932/MUM/2009
(32) Priority Date	:20/08/2009
(33) Name of priority country	:India
(86) International Application No	:PCT/IN2010/000547
Filing Date	:18/08/2010
(87) International Publication No	:WO/2011/021225
(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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KOPARGAON 423 601 DIST. AHMEDNAGAR,
MAHARASHTRA, INDIA.

(72)**Name of Inventor :**
1)AVHAD, NARAYAN FAKKADRAO

(57) Abstract :

A scleral incision template (SIT) and blade-knife is provided that facilitates adequate, efficient and smooth sclera-corneal tunnel dissection by achieving high quality scleral incision that may be close to ideal. The completed scleral incision has a correct predetermined size, shape, length, site and even depth throughout the length of the incisional groove. The synergetic action of the SIT with blade unit makes the sclero-corneal flaps uniform in thickness and tunnel uniform in depth. This facilitates the passage for the extraction of the cataract nucleus, as well as to implant the IOL inside the eyeball and also reduces complications more efficiently than when an incision is taken with help of blade-knife available.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.412/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TAMPERING DETECTION METHOD

(51) International classification	:G06F 21/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2009/000394
Filing Date	:28/08/2009
(87) International Publication No	:WO/2011/025416
(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)VOLVO LASTVAGNAR AB
Address of Applicant :S-405 08 GOETEBORG, SWEDEN .
(72)**Name of Inventor :**
1)PAULI, JOAKIM

(57) Abstract :

The present invention relates to a method for detecting use of unauthorized software in an engine control unit provided in a vehicle, said method comprising the steps of: calculating CVN each time the engine is started, comparing a last calculated CVN with a last stored CVN in a list of a plurality of CVN entries, storing said last calculated CVN if said last calculated CVN is different to the last stored CVN together with a date of an entry in said list of CVN and/or the current odometer status, removing entries in the list of CVN according to FIFO principle when said list of CVN is full, and to present this upon request from an on-board or off-board tool.

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.413/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A3 ADENOSINE RECEPTOR LIGANDS FOR MODULATION OF PIGMENTATION

(51) International classification :A61K 8/60

(31) Priority Document No :61/227,079

(32) Priority Date :21/07/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IL2010/000576

Filing Date :20/07/2010

(87) International Publication No :WO/2011/010306

(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)ORADIN PHARMACEUTICAL LTD

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(72)Name of Inventor :

1)MADI, LEA LEVANA

2)KORENSTEIN, RAFI

(57) Abstract :

The present invention relates to compositions and methods for modulating melanin production, secretion and/or accumulation in human skin cells. In particular, the present invention relates to the use of A3 adenosine receptor antagonists in compositions and methods for the treatment and amelioration of hyper-pigmentation conditions and for the lightening of skin, and to the use of A3 adenosine receptor agonists in compositions and methods for the treatment and amelioration of hypo-pigmentation conditions and for the tanning of skin.

No. of Pages : 62 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.428/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PREPARING 1-PHENYLPYRAZOLES

(51) International classification :C07D 231/14

(31) Priority Document No :09169528.8

(32) Priority Date :04/09/2009

(33) Name of priority country :EUROPEAN
UNION

(86) International Application No :PCT/EP2010/062950

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(61) Patent of Addition to Application
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Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)DOCHNAHL, MAXIMILIAN

2)LIPOWSKY, GUNTER

(57) Abstract :

The present invention to a process for preparing 1-phenylpyrazoles of the formula I in which each R1 is independently selected from chlorine, fluorine, alkyl, haloalkyl, alkoxy and haloalkoxy; n is 1, 2 or 3; each R2 is independently selected from cyano, nitro, halogen, alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio and alkoxy carbonyl; m is 0, 1 or 2; A is alkyl, aryl or aryl-C1-C4-alkyl, where A optionally bears 1, 2, 3 or 4 substituents comprising reacting a phenyl halide of the formula (II) with a pyrazole derivative of the formula (III) in which X is chlorine, iodine or bromine; and R1, n, R2, m and A are each as defined above, in the presence of a base and a catalytic system comprising a ligand and a metal compound selected from palladium compounds, iron compounds and copper compounds.

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.395/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ELECTROMAGNETIC LIFTER FOR MOVING HORIZONTAL- AXIS COILS AND THE LIKE

(51) International classification	:B66C 1/06,H01F 7/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT2009/000393
Filing Date	:01/09/2009
(87) International Publication No	:WO/2011/027368
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MOLTENI, DANILO

(57) Abstract :

An electromagnetic lifter comprises at least two polar expansions (4), shaped for transporting a horizontal axis coil or the like, arranged perpendicularly to the axis of the coil to be lifted, divided into two halves (4a, 4b) slidable with respect to each other under the action of an actuator mechanism (5) and shaped so as to be able to penetrate each other. The adjustability of the polar expansions (4) allows them to better adapt to the different diameters of the coils to be lifted, with the result of exploiting the greatest possible useful polar section and of reducing to a minimum the operational air gaps, whereby the lifter need not be oversized to take into account the most unfavourable case and it results smaller, lighter and cheaper.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/02/2012

(21) Application No.426/MUMNP/2012 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : VALUE EXCHANGE SYSTEM FOR USE WITHIN AN INTERNET-BASED SOCIAL NETWORK

(51) International classification :G06Q 30/00
(31) Priority Document No :PI20093417
(32) Priority Date :17/08/2009
(33) Name of priority country :Malaysia
(86) International Application No :PCT/MY2010/000143
Filing Date :13/08/2010
(87) International Publication No :WO/2011/021924
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BANGAH, GANESH, KUMAR
2)SIEW, TJEN, TSENG

(57) Abstract :

A computer-implemented method of enabling a value exchange between users of a SNS which functions within the confines of the SNS according to the present invention, employs a system that comprises an application which creates an interface to the value exchange system, a means for registration to enable users to register with the value exchange system, wherein a user is assigned an account with the value exchange system after registration, a means for receiving at the value exchange system, a value exchange transaction between a first user and a second user, wherein the users are members of a same internet-based social network and the value exchange system makes use of the internet-based social network account identifiers of the respective users to enable the communication of value exchange transactions between the users, a notification means for computer generation of notifications of the value exchange transactions between the first and second users, and for the electronic transmission of the said notifications, and a value exchange means for debiting from or crediting to the value exchange system account of the first user the value to be exchanged in a value exchange transaction, and correspondingly crediting to or debiting from the value exchange system account of the second user the value to be exchanged.

No. of Pages : 45 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.433/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR CONTROLLING DELIVERY QUANTITY AND RECIPROCATING COMPRESSOR HAVING DELIVERY QUANTITY CONTROL

(51) International classification :F04B39/08,F04B49/24
(31) Priority Document No :PCT/EP2009/059528
(32) Priority Date :23/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/060545
Filing Date :21/07/2010
(87) International Publication No :WO/2011/009879
(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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1)ALLENSPACH, ANDREAS
2)AIGNER, ROLAND

(57) Abstract :

The invention relates to a method for the delivery quantity control of a reciprocating compressor, wherein the motion of a closing organ (5b) of an automatic suction valve (5) is influenced during at least one part of a cycle of the crankshaft by means of a retraction gripper (6) driven by a control device (2), wherein the method comprises a continuously variable return flow control, wherein the retraction gripper (6) contacts the closing organ (5b) and prevents the same from closing during a first partial segment (K1) of the cycle of the crankshaft, and wherein the retraction gripper (6) is retracted during a second partial segment (K2) of the cycle of the crankshaft and the closing organ (5b) is closed, and wherein the method comprises an interruption control, wherein the retraction gripper (6) prevents the closing organ (5b) from closing during an entire cycle of the crankshaft, wherein the delivery quantity is controlled at least by a combination of continuously variable return flow control and interruption control, and wherein the closing organ (5b) is influenced by the control device (2) and the retraction gripper (6) such that a closing organ (8b) of a pressure valve (8) of the reciprocating compressor is opened at least during a prescribed total opening angle (Kv) of a crankshaft.

No. of Pages : 28 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.431/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : INTERNAL GEAR MACHINING METHOD AND INTERNAL GEAR MACHINING DEVICE

(51) International classification :B23F 5/04
(31) Priority Document No :2009-192770
(32) Priority Date :24/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/063351
Filing Date :06/08/2010
(87) International Publication No :WO/2011/024626
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)YANASE YOSHIKOTO
2)OCHI, MASASHI

(57) Abstract :

Provided are an internal gear machining method and an internal gear machining device, by which a precise tooth profile grinding can be realized by correcting a tooth profile error when grinding of a tooth profile of an internal gear is performed using a barrel-shaped threaded grinding wheel. An NC device (31) which functions as a tooth profile error correction means in an internal gear grinding machine (internal gear machining device) reduces a measured pressure angle error ($\Delta\alpha_L$ $\Delta\alpha_R$) of a workpiece (W) (internal gear) at a tooth face by correcting the radial position/ the lateral position of the grinding wheel, the turning angle of the grinding wheel, and the helical motion; reduces a measured error (ΔL) in the direction of a tooth trace of the workpiece (W) at a tooth face by correcting the helical motion; and reduces a measured tooth thickness error (Δt_h) of the workpiece (W) at a tooth face by correcting the radial position, the lateral position of the grinding wheel, and the helical motion.

No. of Pages : 45 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.447/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TIRE VULCANIZER

(51) International classification	:B29C33/02, B29C35/02, B29D30/06
(31) Priority Document No	:2011-040726
(32) Priority Date	:25/02/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/060715
Filing Date	:10/05/2011
(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

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1)HIDEKI FUKUDA

2)KUNIO MATSUNAGA

3)JOJI YUSA

(57) Abstract :

To provide a tire vulcanizer which is configured to slide back a lifting/sliding mechanism to a waiting position, and which is featured in being capable of making uniform the squeezing force applied by the upper metal mold at the time of vulcanization. The tire vulcanizer (1A), in which a green tire is put into a metal mold capable of being separated into a lower metal mold (3) and an upper metal mold (4) and is then heated and pressurized so as to be finished into a shape of a cured tire, is featured by including a slide back mechanism configured such that the upper metal mold (4) separated and lifted from the lower metal mold (3) installed to be fixed to a base (2) is moved by an operation of a movable carriage (14) so as to reciprocate between a vulcanization position at which the upper metal mold (4) is pressed toward the lower metal mold (3), and a waiting position at which the green tire can be carried in the lower metal mold (3) and at which the cured tire can be carried out from the lower metal mold (3), and is featured in that the upper metal mold (4) is attached below, via a squeezing cylinder mechanism (30), to a beam (11) integrated with a tie rod (13) which is vertically moved by an operation of a lifting/lowering cylinder (12) along a guide hole provided in the movable carriage (14).

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.448/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FOAMABLE PESTICIDE COMPOSITIONS AND METHODS OF APPLICATION

(51) International classification	:A01N 25/06
(31) Priority Document No	:61/237,977
(32) Priority Date	:28/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046515
Filing Date	:24/08/2010
(87) International Publication No	:WO/2011/025789
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BURKE, TERRENCE, R.

2)MORAN, HENRY, WAYNE

3)BERGER, JONATHAN, D.

4)CINK, JAMES, H.

(57) Abstract :

Ready-to-use foamable pesticide compositions that contain a pesticide dispersed in a composition containing water, a co-solvent, surfactant and propellant. Methods for treating pests such as arthropods by contacting pests with such compositions are also provided.

No. of Pages : 42 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.457/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : OPTHALMIC DRUG DELIVERY SYSTEM CONTAINING PHOSPHOLIPID AND CHOLESTEROL

(51) International classification :A61K 9/16
(31) Priority Document No :12/538,435
(32) Priority Date :10/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/022487
Filing Date :29/01/2010
(87) International Publication No :WO/2011/019410
(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)TSENG, YUN-LONG
4)GUO, LUKE S., S.
5)HONG, KEELUNG

(57) Abstract :

An ophthalmic drug delivery system that contains phospholipid and cholesterol for prolonging drug lifetime in the eyes.

No. of Pages : 24 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.429/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DISPOSABLE WEARING ARTICLE

(51) International classification	:A61F 13/15
(31) Priority Document No	:2009-201056
(32) Priority Date	:31/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005357
Filing Date	:31/08/2010
(87) International Publication No	:WO/2011/024489
(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)OTSUBO, TOSHIFUMI

2)HASHIMOTO, TATSUYA

3)YAMASHITA, MARIKO

4)KUDO, ETSUKO

(57) Abstract :

An object of the present invention is to provide a disposable wearing article having improved bulkiness as well as flexibility of the outer sheet by using crimped fiber as a material for the outer sheet and bonds the inner and outer sheets by adhesive to provide the article with a good texture and a good appearance. A first waist region 13 as a whole or in its part lying in a vicinity of a waist-opening is elasticized and formed of an inner sheet 32 defining the skin-facing side and an outer sheet 30 defining the non-skin-facing side wherein the non-skin-facing side of the outer sheet 30 is formed substantially over its entire area with a plurality of thermocompression-bonded spots 20 regularly and intermittently arranged at predetermined intervals. The outer sheet 30 has non-thermocompressed regions 64 surrounded by a plurality of thermocompression-bonded spots 20. A fibrous layer lying at least on the outer surface of said outer sheet 30 is formed of thermal adhesive crimped fibers 63 which are bonded together by thermocompression-bonding treatment in the thermocompression-bonded spots 20. The outer sheet 30 and the inner sheet 32 are bonded to each other by adhesive 35 applied on at least one of respective opposite surfaces thereof so that the crimped fibers 63 in the non-thermocompressed regions 64 may protrude outward in a thickness direction of the outer sheet 30 as the inner sheet 32 contracts in the direction of the transverse axis Q.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.436/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : GALECTIN-3 AND CARDIAC RESYNCHRONIZATION THERAPY

(51) International classification	:G01N 33/68
(31) Priority Document No	:61/236,712
(32) Priority Date	:25/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046689
Filing Date	:25/08/2010
(87) International Publication No	:WO/2011/031493
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MUNTENDAM, PIETER

(57) Abstract :

The present invention relates to materials and methods for monitoring and predicting a heart failure patients physiological response to cardiac resynchronization therapy. More specifically, the present invention relates to the endogenous protein galectin-3 and its use in monitoring progression of disease in a patient undergoing cardiac resynchronization therapy, and as a predictor of response to cardiac resynchronization therapy.

No. of Pages : 26 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.454/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : VERTICAL AXIS WIND TURBINE GENERATOR

(51) International classification	:F03D 3/04,F03D 11/00
(31) Priority Document No	:0901004039
(32) Priority Date	:08/09/2009
(33) Name of priority country	:Thailand
(86) International Application No	:PCT/TH2010/000033
Filing Date	:06/09/2010
(87) International Publication No	:WO/2011/031245
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SUTTISILTUM, APICHAT

(57) Abstract :

The present invention relates to a vertical axis wind turbine generator comprising one turbine. The turbine comprises a plurality of V-shape longitudinal cup type blades mounted horizontally in one or more circulars around a rotor to received the wind mass and push the turbine to rotate, a step-up gear to increase the turbine shaft rotation speed, a generator is to be rotated by the drive shaft of step-up gear, a lift-up equipment for eliminating friction loss at the bearings while the turbine rotation to make it rotate similarly; freely floated in the air, and a set of wind velocity accelerating tunnel to increase wind mass blowing from any directions to a higher velocity than the natural instantaneous wind speed when approaching blades front. The turbine set is installed on a tower structure.

No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.455/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CUTTING DEVICE

(51) International classification :B23D 21/14
(31) Priority Document No :2009203210
(32) Priority Date :03/08/2009
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2010/000981
Filing Date :03/08/2010
(87) International Publication No :WO/2011/014914
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LOCH, ANDREW
3)MCMINN, WILLIAM
4)ELKINGTON, MICHAEL JAMES

(57) Abstract :

A cutting device 10 for cutting a pipe 32 having a pipe wall is disclosed. The cutting device 10 includes an elongate carrier 12 having a tool end 12.1 which is engageable with a power tool and an opposed free end 12.2. The device 10 includes a guide wheel 16 located at the free end 12.2 of the carrier 12 which is loosely mounted thereon for rotation relative thereto, having a bearing surface 34 extending parallel to a longitudinal axis of the carrier 12. The device 10 also includes a cutting element 14 having a peripheral cutting edge 36 which is located adjacent to the guide wheel 16 being positioned intermediate the guide wheel 16 and the tool end 12.1. The cutting element 14 is of greater transverse dimension than the guide wheel 16 so that when the bearing surface 34 bears against an internal surface of the pipe 32 the distance between the cutting edge 36 of the cutting element 14 and the bearing surface 34 enables the cutting element 14 to cut through the pipe wall.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.423/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : USE OF SARMENTINE AND ITS ANALOGS FOR CONTROLLING PLANT PESTS

(51) International classification	:A01N 37/18
(31) Priority Document No	:61/227,412
(32) Priority Date	:21/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/042607
Filing Date	:20/07/2010
(87) International Publication No	:WO/2011/011415
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)HUANG, HUAZHANG
2)ASOLKAR, RATNAKAR

(57) Abstract :

Methods and compositions for modulating phytopathogenic infection in a plant comprise applying to the plant and/or seeds thereof and/or substrate used for growing said plant an amount of a sarmentine and/or a sarmentine analog having substantially the same activity as sarmentine effective to modulate said phytopathogenic infection via virus, fungi, bacteria, nematode and insect.

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.430/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : WEARING ARTICLE

(51) International classification	:A61F 13/15
(31) Priority Document No	:2009-200803
(32) Priority Date	:31/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060419
Filing Date	:21/06/2010
(87) International Publication No	:WO/2011/024542
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)ONO, YOSHIO

(57) Abstract :

A wearing article configured in such a manner that a liquid absorbing structure, such as an absorbing body, does not separate in the front and rear waist regions from the wearers body and, as a result, urine, etc. are prevented from leaking due to the formation of a gap between the wearer and the liquid absorbing structure. A diaper (10) includes a front waist member (20), a rear waist member (30), and a crotch member (40). The outer surface of a liquid absorbing structure (41) of the crotch member (40) is covered with an outer covering sheet (44), and gasket cuffs (50) and leakage barrier cuffs (60) are formed by the outer covering sheet (44). Imaginary folding lines (65) extending in the longitudinal direction (Y) are each formed between the proximal edge (62) and the distal edge (63) of a leakage barrier cuff (60), and the leakage barrier cuff (60) is folded along the imaginary folding line (65) while a barrier elastic member (64) is not being stretched or contracted. The leakage barrier cuffs (60) are joined at the front and rear portions (45, 46) of the liquid absorbing structure (41) to an inner covering sheet through a joining means, such as an adhesive agent, and this forms front and rear joined regions (66, 67) extending in the longitudinal direction (Y).

No. of Pages : 45 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.450/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND DEVICE FOR CONVERTING THERMAL ENERGY FROM BIOMASS INTO MECHANICAL WORK

(51) International classification	:F02C 3/28,F02C 1/04
(31) Priority Document No	:10 2009 038 322.0
(32) Priority Date	:21/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/061754
Filing Date	:12/08/2010
(87) International Publication No	:WO/2011/020768
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

The invention relates in particular to a method for converting thermal energy from carbonaceous raw materials into mechanical work, having at least one first (4) and one second (6) device for storing and releasing thermal energy connected to least intermittently alternatingly in a turbine branch (T) having a gas turbine (8) connected downstream thereof, comprising the steps of: a) combusting a gas in a gas combustor (2); b) passing the smoke gases (3) arising in the gas combustor (2) through a device (4, 6) for storing thermal energy; and c) feeding the hot air released by at least one device (4, 6) into the gas turbine (8), wherein the hot air (7) released by the gas turbine (8) is fed to at least one heat exchanger () connected downstream of the gas turbine (8).

No. of Pages : 19 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.468/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : RADIO BASE STATION APPARATUS, RADIO TERMINAL APPARATUS AND WIRELESS COMMUNICATION METHOD

(51) International classification	:H04W 48/16
(31) Priority Document No	:2009-212261
(32) Priority Date	:14/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005575
Filing Date	:13/09/2010
(87) International Publication No	:WO/2011/030561
(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 :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN.

(72)Name of Inventor :

1)SEKI, YUTA

(57) Abstract :

A radio base station apparatus wherein even when a single-base-station transmission and a plural-base-station cooperative transmission are implemented at the same time, the terminal-to-base-station feedback information amount and the ICI can be reduced, thereby improving the reception characteristic of a terminal existing in the vicinity of a cell edge. A base station (100) uses a first transmission mode, in which only the base station implements a signal transmission, and a second transmission mode, in which the base station implements a cooperative signal transmission together with another radio base station apparatus, to communicate with one or more radio terminal apparatuses. A setting unit (103) sets, as a particular frequency band the reception quality of which is to be measured, one of first and second frequency bands that are parts of a band used for communications with the terminals. A deciding unit (101) decides, as the transmission mode for the terminals, one of the first and second transmissions on the basis of the reception quality of the particular frequency band.

No. of Pages : 63 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.434/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUBSTITUTED BENZOAZEPINES AS TOLL-LIKE RECEPTOR MODULATORS

(51) International classification :C07D 401/14
(31) Priority Document No :61/234,969
(32) Priority Date :18/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045934
Filing Date :18/08/2010
(87) International Publication No :WO/2011/022508
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ARRAY BIOPHARMA, INC.

(72)Name of Inventor :

1)HOWBERT, JAMES, JEFFRY

2)DIETSCH, GREGORY

3)HERSHBERG, ROBERT

4)BURGESS, LAURENCE, E.

5)LYSSIKATOS, JOSEPH, P.

6)NEWHOUSE, BRAD

7)YANG, HONG, WOON

(57) Abstract :

Provided are compositions and methods useful for modulation of signaling through the Toll-like receptors TLR7 and/or TLR8. The compositions and methods have use in treating or preventing disease, including cancer, autoimmune disease, infectious disease, inflammatory disorder, graft rejection, and graft-verses-host disease.

No. of Pages : 132 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.435/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUBSTITUTED BENZOAZEPINES AS TOLL-LIKE RECEPTOR MODULATORS

(51) International classification :C07D 403/10
(31) Priority Document No :61/234,971
(32) Priority Date :18/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045935
Filing Date :18/08/2010
(87) International Publication No :WO/2011/022509
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)BURGESS, LAURENCE, E.

5)DOHERTY, GEORGE, A.

6)EARY, C. TODD

7)GRONEBERG, ROBERT, D.

8)JONES, ZACHARY

(57) Abstract :

Provided are compositions and methods useful for modulation of signaling through the Toll- like receptors TLR7 and/or TLR8. The compositions and methods have use in treating or preventing disease, including cancer, autoimmune disease, infectious disease, inflammatory disorder, graft rejection, and graft-verses-host disease.

No. of Pages : 137 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.451/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BIO-FUEL CELL SYSTEM

(51) International classification	:H01M 8/16
(31) Priority Document No	:12/461,340
(32) Priority Date	:07/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001210
Filing Date	:09/08/2010
(87) International Publication No	:WO/2011/014953
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)PUPKEVICH, VICTOR R.

3)HOJJATI, HOSSEIN

(57) Abstract :

The present invention discloses a new type of bio-fuel cell, based on the microbial regeneration of the oxidant, ferric ions. The bio-fuel cell is based on the cathodic reduction of ferric to ferrous ions, coupled with the microbial regeneration of ferric ions by the oxidation of ferrous ions, at a pH less than about 1.2, with fuel (such as hydrogen) oxidation on the anode electrode. The microbial regeneration of ferric ions is achieved by microorganisms such as *Leptospirillum ferriphilum*. Electrical generation is coupled with the consumption of carbon dioxide from atmosphere and its transformation into microbial cells, which can be used as a single-cell protein.

No. of Pages : 38 No. of Claims : 36

(54) Title of the invention : CATHETER COMPRISING A PROTECTION SYSTEM FOR ASPIRATING, FRAGMENTING AND EXTRACTING REMOVABLE MATERIAL FROM HOLLOW BODIES AND/OR VESSELS, IN PARTICULAR OF THE HUMAN OR ANIMAL BODY

(51) International classification :A61B 17/3207
 (31) Priority Document No :CH1328/09
 (32) Priority Date :27/08/2009
 (33) Name of priority country :Switzerland
 (86) International Application No :PCT/IB2010/053816
 Filing Date :25/08/2010
 (87) International Publication No :WO/2011/024124
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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(72)Name of Inventor :
1)STRAUB, IMMANUEL
2)HELLER, MATHIAS

(57) Abstract :

The invention relates to a device and a method for aspirating, fragmenting and extracting removable material from hollow bodies, in particular thrombi and emboli from blood vessels. To this end, a guide wire (11) is introduced into the hollow body (1) via an opening. The material is removed by means of a dissolution catheter (3) comprising a working head (6) with a stator (8) and a rotor (9), wherein the rotor (9) is connected to a flexible delivery screw (10) surrounding the guide wire (11). The circumference of the stator (8) comprises a lateral inlet opening (8a). The inlet opening (8a) of the stator (8) is designed as two circular holes disposed axially behind one another in relation to the longitudinal axis of the dissolution catheter (3). Material forced into the inlet openings (8a) and/or the aspirated and/or detached thrombi (2) and emboli shear and/or fragment between the peripheral edges of the inlet openings (8a) of the stator (8) and the rotor (9). A flexible casing (7) surrounding the delivery screw (10) and connected to the stator (8) is used to discharge the ablated material and/or the detached thrombi and emboli fragments. Before introducing the dissolution catheter (3), a sheath catheter (4) is introduced into the hollow body (1) until it lies in front of the material to be removed. The cross-section of the hollow body (1) is then closed at least partially by means of the sheath catheter (4), thus preventing detached thrombi or emboli fragments from being accidentally washed away.

No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.456/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR REDUCING NITROUS OXIDE EMISSION FROM SOILS

(51) International classification	:A01N 25/00	(71)Name of Applicant :
(31) Priority Document No	:09170414.8	1)BASF SE
(32) Priority Date	:16/09/2009	Address of Applicant :67056 LUDWIGSHAFEN
(33) Name of priority country	:EUROPEAN UNION	GERMANY.
(86) International Application No	:PCT/EP2010/063358	(72)Name of Inventor :
Filing Date	:13/09/2010	1)GEWEHR, MARKUS
(87) International Publication No	:WO/2011/032904	2)WILLE, ANSGAR
(61) Patent of Addition to Application Number	:NA	3)GEIGER, CHRISTIAN
Filing Date	:NA	4)LUTZ, HANS-JURGEN
(62) Divisional to Application Number	:NA	5)BRAHM, LUTZ
Filing Date	:NA	6)WISSEMEIER, ALEXANDER
		7)PEACH, DANA
		8)NAVE, BARBARA

(57) Abstract :

The present invention relates to a method for reducing nitrous oxide emission from soils comprising treating a plant growing on the respective soil and/or the locus where the plant is growing or is intended to grow and/or the seeds from which the plant grows with at least one fungicide (compound A) and at least one ammonium- or urea-containing fertilizer (compound B) wherein the application of at least one compound (A) and at least one compound (B) is carried out with a time lag of at least 1 day.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.474/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CERAMIC INSULATOR AND METHODS OF USE AND MANUFACTURE THEREOF

(51) International classification :C04B 35/18
(31) Priority Document No :61/237,466
(32) Priority Date :27/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042812
Filing Date :21/07/2010
(87) International Publication No :WO/2011/034655
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)MCALISTER TECHNOLOGIES, LLC

(57) Abstract :

One embodiment of the present disclosure is directed to an insulator comprising a ceramic composition, wherein the ceramic composition comprises about 25-60% SiO₂; 15-35% R₂O₃, wherein the R₂O₃ is 3-15% B₂O₃ and 5-25% Al₂O₃; 4- 25% MgO+0-7% Li₂O, wherein the total of MgO+Li₂O is between about 6-25%; 2-20% R₂O, wherein the R₂O is 0-15% Na₂O, 0-15% K₂O, 0-15% Rb₂O; 0-15% Rb₂O; 0-20% Cs₂O; and 4-20% F; crystalline grains, wherein the crystalline grains are substantially oriented to extend in a first direction to provide improved insulating properties in a direction perpendicular to the first direction, wherein the first direction is circumferential and the direction perpendicular to the first direction is radial; and a first zone and a second zone, wherein the first zone is in compression and the second zone is in tension.

No. of Pages : 39 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.485/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ABRASIVE TOOL HAVING CONTROLLED POROSITY DISTRIBUTION

(51) International classification	:B24D 3/10,B24B 37/04
(31) Priority Document No	:61/230,941
(32) Priority Date	:03/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044293
Filing Date	:03/08/2010
(87) International Publication No	:WO/2011/017356
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)FRANCOIS, EMMANUEL, C:
2)ZUYEV, KONSTANTIN, S;
3)JEEVANANTHAM, MUTHU;
4)BONNER, ANNE, M;
5)KLETT, MICHAEL, W;
6)MATSUMOTO, DEAN, S;

(57) Abstract :

An abrasive tool having a body including an abrasive portion having abrasive grains contained within a matrix material and porosity characterized by a bimodal distribution of pores including large pores having an average large pore size (Pl) and small pores having an average small pore size (Ps), wherein Pl>Ps. The body of the abrasive tool further includes a first reinforcing member contained within the abrasive portion, and a percent thermal expansion over a temperature range for 25°C to 450°C of not greater than about 0.7%.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.499/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYNCHRONIZING RING ASSEMBLY AND METHOD FOR FORMING THE FRICTION LININGS OF A SYNCHRONIZING RING

(51) International classification	:F16D 23/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/062381
Filing Date	:24/09/2009
(87) International Publication No	:WO/2011/035806
(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)GUMMERT, HERMANN
2)RECHTERN, HANS-JURGEN

(57) Abstract :

A Synchronizing ring assembly (1) comprises at least tow synchronizing rings (2,3,4). The latter each have a frictional surface (7,8; 15,16) which can be placed into operative connection to one another to form a friction pairing. At least one of the two synchronizing rings is manufactured from a steel material and the other from a brass material. The brass-material synchronizing ring has a structure in which harder particles P are incorporated into a softer crystalline base material. The frictional surface (8, 15) of the friction pairing of the steel-material synchronizing ring (3), which frictional surface is complementary to the other frictional surface, is formed by a friction lining (13, 14) consisting of an organic binder with filler particles incorporated therein, wherein the filler particles are harder then binder. A method for forming the friction linings of a synchronizing ring (3) having two frication lining (13, 14) arranged concentrically with respect to each other is defined in that use is made of an injection-mouldable and/or transfer-mouldable plastics compound and the latter is applied by means of a plastics injection-moulding or transfer-moulding method from one side of the rings section (9) which is to be coated, and the friction liking compound is guided through apertures (11, 12) in the ring section (9) from the casting side onto the ring section surfaces which are provided for forming the frictional surface (13, 14).

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.458/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND MEANS FOR DATA SEARCHING AND LANGUAGE TRANSLATION

(51) International classification	:G06F 17/30
(31) Priority Document No	:09168388.8
(32) Priority Date	:21/08/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/061611
Filing Date	:10/08/2010
(87) International Publication No	:WO/2011/020742
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)VAANANEN, MIKKO

(57) Abstract :

The invention relates to data searching and translation. In particular, the invention relates to searching documents from the Internet or databases. Even further, the invention also relates to translating words in documents, WebPages, images or speech from one language to the next. A computer implemented method comprising at least one computer in accordance with the invention is characterised by the following steps: receiving a search query comprising at least one search term, deriving at least one synonym for at least one search term, expanding the received search query with the at least one synonym, searching at least one document using the said expanded search query, retrieving the search results obtained with the said expanded query, ranking the said search results based on context of occurrence of at least one search term. The best mode of the invention is considered to be an Internet search engine that delivers better search results.

No. of Pages : 41 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.472/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BREECH DEVICE FOR A HAND FIREARM

(51) International classification	:F41A 9/10,F41A19/13
(31) Priority Document No	:12/508,651 US
(32) Priority Date	:24/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/001749
Filing Date	:19/07/2010
(87) International Publication No	:WO/2011/010201
(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)LOGANCHUK, VLADIMIR

(57) Abstract :

A breech device of a hand firearm comprises a firearm casing, a trigger mechanism, a carrier slidably arranged within the firearm casing, and a breech block engaging the carrier and having a firing pin. The breech device further includes a tensioning element slidably engaged with the carrier and coupled to at least one follower pin engaging the firing pin and slidably engaged with the breech block. The tensioning element includes a projecting part having a forward-directed nose adapted to engage a stop detent on the trigger mechanism. The breech device further includes a tensioning pin slidably engaged with the carrier and the breech block.

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.473/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MODIFICATION OF RECOMBINANT ADENOVIRUS WITH IMMUNOGENIC PLASMODIUM CIRCUMSPOROZOITE PROTEIN EPITOPES

(51) International classification	:A61K 39/015
(31) Priority Document No	:PCT/US2009/054212
(32) Priority Date	:18/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045952
Filing Date	:18/08/2010
(87) International Publication No	:WO/2011/022522
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)SHIRATSUCHI, TAKAYUKI
2)TSUJI, MORIYA

(57) Abstract :

The present disclosure relates to adenovirus protein modifications to augment immune response to a transgene of a recombinant adenovirus and to circumvent pre-existing anti-adenovirus immunity. Some embodiments are directed to a recombinant adenovirus derived from a recombinant adenovirus plasmid vector, wherein the recombinant adenovirus plasmid vector comprises a nucleotide sequence encoding a Plasmodium circumsporozoite protein, or antigenic portion thereof, operably linked to a heterologous promoter and a modified capsid or core protein, wherein an immunogenic epitope of Plasmodium circumsporozoite is inserted into or replaces at least part of a capsid or core protein. Other embodiments are directed to a pharmaceutical composition or a malaria vaccine composition comprising a recombinant adenovirus according to the above embodiments. Further embodiments include a method of treating, preventing, or diagnosing malaria, comprising administering a therapeutic amount of the pharmaceutical composition or malaria vaccine composition in accordance with the above embodiment.

No. of Pages : 171 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.507/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF ZANAMIVIR

(51) International classification	:A61K31/351; C07D309/28	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD - 380 015, GUJARAT, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)CHARAN GANPAT DAN SHIMBHU
(33) Name of priority country	:NA	2)TEHARE AJAY ONKARSINGH
(86) International Application No	:NA	3)SINGH KUMAR KAMLESH LAXMI
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for preparing 5-(acetylamino)-4-[(aminorminomethyl)amino]-2,6-anhydro-3,4,5-trideoxy-D-glycero-D-galacto-non-enonic acid Formula (I), which process comprises reducing compound of Formula (IV) by Lindlar catalyst in presence of hydrogen to obtain compound of Formula (V). reacting compound of Formula (V) with pyrazole-1H-carboxamidine or its suitable salt to obtain compound of Formula (VIII). hydrolyzing the compound of Formula (VIII) to give compound of Formula (I). The present invention also provides compounds of formula (VIII) which may be used in the synthesis of zanamivir. The present invention also provides process for preparing compound of formula (VIII) and process involving the use of Formula (VIII), including in the synthesis of zanamivir.

No. of Pages : 26 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.507/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD, SYSTEM AND DEVICE FOR CHANNEL CONTENT ALTERNATION NOTIFICATION AND CHANNEL RE-DETECTING

(51) International classification	:H04W 4/06
(31) Priority Document No	:200910089912.X
(32) Priority Date	:28/07/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/001144
Filing Date	:28/07/2010
(87) International Publication No	:WO/2011/011975
(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)CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY
Address of Applicant :NO.40 XUEYUAN ROAD, HAIDIAN DISTRICT, BEIJING 100191, P.R.CHINA .
(72)**Name of Inventor :**
1)LIN YANAN
2)YANG XIAODONG
3)PAN XUEMING
4)XIAO GUOJUN

(57) Abstract :

A method for channel content alternation notification and channel re-detecting is provided. The method is: a base station determines that the configured carried content of multimedia broadcast multicast service (MBMS) point to multipoint control channel (MCCH) is altered, and transmits the notification about alternation of the carried content of MCCH to a terminal through a physical downlink control channel (PDCCH); the terminal re-detects MCCH according to the notification after the terminal received the notification. A system and a device for channel re-detecting are provided. The terminal can recognize whether the carried content of MCCH is altered, and re-detect MCCH in case of altered without re-detecting MCCH periodically, therefore it is beneficial to save the resources of terminal.

No. of Pages : 41 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.508/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF CRYSTALLINE CHOLINE FENOFIBRATE AND A NOVEL POLYMORPH THEREOF

(51) International classification	:A61K31/216	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HARMAN FINOCHEM LIMITED
(32) Priority Date	:NA	Address of Applicant :107, VINAY BHAVYA COMPLEX,
(33) Name of priority country	:NA	159-A, C.S.T. ROAD, KALINA, MUMBAI-400098,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)JAIN KIRTI PRAKASH
(61) Patent of Addition to Application Number	:NA	2)KADAM VIJAY TRIMBAK
Filing Date	:NA	3)MARKHELE VIDYADHAR MAROTIRAO
(62) Divisional to Application Number	:NA	4)MINHAS GURPREET SINGH
Filing Date	:NA	5)MINHAS HARPREET SINGH

(57) Abstract :

In accordance with the present invention, an improved process for the preparation of crystalline choline fenofibrate using a single organic solvent, comprises steps of (a) hydrolyzing the choline chloride in an organic solvent at ambient temperature, leaving choline base free in the solution; (b) reacting the choline free base and fenofibric acid in presence of the same organic solvent at the same temperature to form a crystalline choline fenofibrate. The present invention also relates to a novel crystalline Form B of choline fenofibrate having characteristic XRPD diffraction peaks at 7.95, 15.90, 16.62, 17.35, 19.08, 19.33, 22.10, 22.63, 23.96, 28.42, 28.79 and $31.49 \pm 0.2^\circ$ 2 θ .

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.508/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROTEIN MATRIX VACCINES OF IMPROVED IMMUNOGENICITY

(51) International classification	:A61K 39/09
(31) Priority Document No	:61/276,183
(32) Priority Date	:09/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/048311
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/031893
(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)MATRIVAX RESEARCH & DEVELOPMENT CORP.
Address of Applicant :650 ALBANY STREET #117,
BOSTON, MA 02118 UNITED STATES OF AMERICA.
(72)Name of Inventor :
1)KILLEEN, KEVIN, P.
2)GRIFFIN, THOMAS, J., IV
3)THANAWASTIEN, ANN

(57) Abstract :

The present invention relates to immunogenic compositions containing an antigen of interest entrapped with a crosslinked carrier protein matrix, methods of making such vaccines, and methods of vaccine administration, wherein the immunogenicity of the protein matrix, and hence its effectiveness as a vaccine, is improved by controlling or selecting the particle size of the protein matrix particles to eliminate low molecular weight particles, e.g., less than 100 nm in diameter.

No. of Pages : 89 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.509/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : KIT COMPRISING A NASAL BUBBLE CIRCUIT FOR SUPPLYING OXYGEN TO PATIENTS DURING RESPIRATORY FAILURE.

(51) International classification	:A62B7/00; A62B7/06	(71)Name of Applicant : 1)DR. KINIKAR AARTI AVINASH
(31) Priority Document No	:NA	Address of Applicant :FLAT NO. 18, CONIFER BUILDING,
(32) Priority Date	:NA	GAIKWADNAGAR, AUNDH PUNE - 411007 Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor : 1)DR. KINIKAR AARTI AVINASH
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a nasal bubble continuous positive airway pressure (NB-CPAP) device comprising of a modified and improved indigenous nasal bubble CPAP circuit used for supplying oxygen during respiratory failures in patients having various medical conditions; said circuit comprises oxygen source, a liquid storage container, rubber and plastic connector tubing and a modified pediatric nasal cannula wherein; the central oxygen supply is attached to inhale tube of nasal prongs with other tube end close, rubber or plastic connector tubing cut such that, one end attached to exhale tube of nasal prongs and other end put on the liquid storage container immersed at required centimeter level giving respective water pressure. The invention has distinct economic advantages that the working is simple with low cost, thereby being suitable for the use in moderate level hospitals having limited ventilator facilities.

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.488/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FLOW METER ASSEMBLY, GATE ASSEMBLIES AND METHODS OF FLOW MEASUREMENT

(51) International classification	:G01F 1/66,E02B 13/02
(31) Priority Document No	:2009903893
(32) Priority Date	:18/08/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001052
Filing Date	:18/08/2010
(87) International Publication No	:WO/2011/020143
(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)RUBICON RESEARCH PTY LTD

Address of Applicant :1 CATO STREET HAWTHORN,
VICTORIA 3122, AUSTRALIA.

(72)Name of Inventor :

1)AUGHTON, DAVID JOHN

2)PEARSON, DAMIEN VERNON

(57) Abstract :

The present invention provides an acoustic flow meter assembly for pipes or open channels, said assembly including a frame with a predetermined geometry. The frame has at least one user accessible port adapted to receive an interchangeable cartridge which contains at least one acoustic transducer to measure fluid velocity through said frame. The invention also relates to vertical, lift and tilt lift gate assemblies for use in measuring fluid flows, methods of measuring fluid velocity in pipes and open channels characterised by the use of a delay circuit, fluid flow meters characterised by the use of redundant pairs of transducers, and a method of synchronisation of two transducers in a flow measuring apparatus for an open channel.

No. of Pages : 65 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.500/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR HEATING A WORKPIECE AND A CORRESPONDING TOOL

(51) International classification :B23K 37/04,H05B
6/02
(31) Priority Document No :20095863
(32) Priority Date :21/08/2009
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2010/050661
Filing Date :20/08/2010
(87) International Publication No :WO/2011/020952
(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)PRIZZTECH OY
Address of Applicant :TIEDEPUISTO 4, 28600 PORI
FINLAND.
2)HOLLMING OY
(72)Name of Inventor :
1)PEKKA SUOMINEN
2)RISTO SALO

(57) Abstract :

A method and a corresponding tool for heating a metallic workpiece. In the method, the metallic piece is heated in a machine tool by attaching thereto an induction heating tool comprising a permanent magnet structure and by rotating and/or moving the metallic piece to be heated and the induction heating tool relative to each other at a suitable distance. In this case, heating eddy currents are induced in the piece, wherein the energy needed for heating is obtained from the motor of the machine tool.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.510/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : BAR SOAP COMPOSITION WITH ENHANCED SENSORY PROPERTIES IN SOFT AND VERY SOFT WATER.

(51) International classification	:A61Q19/00; A61Q19/10	(71) Name of Applicant : 1)SERENA LINLEY SARL Address of Applicant :DOMAINE DE BOYERES, 84750 SAINT MARTIN DE CASTILLON, FRANCE.
(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)PHILIPPE LIZOP
Filing Date	:NA	2)MAUD GRASSET
(87) International Publication No	:N/A	3)VINEET MITAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a predominantly soap based bar (e.g. about 50% to 85% by weight soap) specifically a toilet bar used for personal cleansing. In particular it relates to a toilet bar soap which has a specific formulation to take care of sensory attributes (e.g., skin hydration, skin softness, skin after-feel, rinsability & lather) during the washing process in soft and very soft water.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.510/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : GLAUCOMA DRAINAGE DEVICE WITH PUMP

(51) International classification	:A61F 9/007
(31) Priority Document No	:12/563,244
(32) Priority Date	:21/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/047612
Filing Date	:02/09/2010
(87) International Publication No	:WO/2011/034742
(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)ALCON RESEARCH, LTD.

Address of Applicant :6201 SOUTH FREEWAY, FORT WORTH, TEXAS 76134 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)RICKARD, MATTHEW J.A.

(57) Abstract :

A glaucoma drainage device has a main drainage tube (2030) with a first end in an anterior chamber (3-40) of an eye and a second end in a drainage location (410). A bypass drainage tube (2040) is fluidly coupled to and in parallel with the main drainage tube. A pump (280) is in communication, with the bypass drainage tube. The pump comprises a first driver 82020) and a first flexible membrane (2025) enclosing a first chamber (2027). A first check valve (255) is located upstream from the pump, and a second check valve (260) is located downstream from the pump. An active valve (270) is located upstream from the first check valve. The active valve comprises a second driver (2010) and a second flexible membrane 2015 enclosing a second chamber 2017). A third check valve (250) is located between the active valve and the second end of the main drainage tube. A volume of the first chamber is changed to pump fluid from the anterior chamber.

No. of Pages : 45 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.469/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TERMINAL STATION APPARATUS, BASE STATION APPARATUS, TRANSMISSION METHOD AND CONTROL METHOD

(51) International classification	:H04J 99/00
(31) Priority Document No	:2009-229649
(32) Priority Date	:01/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005893
Filing Date	:30/09/2010
(87) International Publication No	:WO/2011/040034
(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)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN.

(72)Name of Inventor :

1)OGAWA, YOSHIHIKO

2)NISHIO, AKIHIKO

3)IWAI, TAKASHI

4)NAKAO, SEIGO

5)IMAMURA, DAICHI

6)SUMASU, ATSUSHI

(57) Abstract :

A terminal apparatus is disclosed wherein even in a case of applying SU-MIMO and MU-MIMO at the same time, the inter-sequence interference in a plurality of pilot signals used by the same terminal can be suppressed to a low value, while the inter-sequence interference in pilot signal between terminals can be reduced. In this terminal apparatus (200): a pilot information deciding unit (204) decides, based on allocation control information, Walsh sequences of the respective ones of first and second stream groups at least one of which includes a plurality of streams; and a pilot signal generating unit (205) forms a transport signal by using the decided Walsh sequences to spread the streams included in the first and second stream groups. During this, Walsh sequences orthogonal to each other are established in the first and second stream groups, and users are allocated on a stream group-by-stream group basis.

No. of Pages : 78 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.502/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : USE OF 2 -AMINO-2-METHYL-1-PROPANOL AS ADDITIVE IN AQUEOUS SUSPENSIONS OF CALCIUM CARBONATE COMPRISING MATERIALS

(51) International classification	:C09C 1/02
(31) Priority Document No	:09167246.9
(32) Priority Date	:05/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB10/053546
Filing Date	:05/08/2010
(87) International Publication No	:WO/2011/016003
(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)OMYA DEVELOPMENT AG
Address of Applicant :BASLERSTRASSE 42, CH-4665
OFTRINGEN, SWITZERLAND.

(72)Name of Inventor :
1)BURI, MATTHIAS
2)RENTSCH, SAMUEL
3)GANE, PATRICK, ARTHUR, CHARLES

(57) Abstract :

Use of 2-amino-2-methyl-1-propanol (AMP) as an additive in an aqueous suspension, containing from 25 to 62 vol. % of at least one calcium carbonate-comprising material and having a pH of between 8.5 and 11, to increase the suspension pH by at least 0.3 pH units, the AMP being added to said suspension in an amount of from 500 to 15000 mg per litre of the aqueous phase of the suspension, wherein the suspension conductivity change is maintained to within 100 μ S/cm/pH unit.

No. of Pages : 24 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.503/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : INHIBITORS OF COGNITIVE DECLINE

(51) International classification	:A01N 31/00
(31) Priority Document No	:61/230,326
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044136
Filing Date	:02/08/2010
(87) International Publication No	:WO/2011/014880
(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)COGNITION THERAPEUTICS, INC.
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PITTSBURGH PA 15203 (US). U.S.A.
(72)**Name of Inventor :**
1)GILBERT M. RISHTON
2)SUSAN CATALANO

(57) Abstract :

Compounds that are central nervous system drug candidates for the treatment of cognitive decline and, more particularly, Alzheimers disease are provided. Methods of treating, inhibiting, and/or abatement of cognitive decline and/or Alzheimers disease with a compound or pharmaceutically acceptable salt of the invention are also provided. Also provided are methods of preparing the compounds/compositions of the invention.

No. of Pages : 71 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.514/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUNSCREEN COSMETIC

(51) International classification	:A61K 8/88,A61K 8/06
(31) Priority Document No	:2009-218818
(32) Priority Date	:24/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065199
Filing Date	:06/09/2010
(87) International Publication No	:WO/2011/037000
(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)SHISEIDO COMPANY, LTD.

Address of Applicant :5-5, GINZA 7-CHOME, CHUO-KU, TOKYO 1048010, JAPAN.

(72)Name of Inventor :

1)YAMAGUCHI KAZUHIRO

2)ISHIDA KAHORI

(57) Abstract :

Disclosed is a sunscreen cosmetic comprising (1) a UVA absorbent selected from one or more of diethylaminohydroxybenzoyl hexyl benzoate, 2,4-bis{[4-(2-ethylhexyloxy)-2-hydroxy]-phenyl}-6-(4-methoxyphenyl)-1,3,5-triazine, 4-tert-butyl-4-methoxydibenzoylmethane, and 2-hydroxy-4-methoxybenzophenone and (2) spherical resin powder internally containing 41% or more of hydrophobized titanium oxide ultrafine particles. More specifically disclosed is a sunscreen cosmetic, comprising a UVA absorbent and titanium oxide ultrafine particles, which prevents staining due to the secondary adhesion thereof to clothes.

No. of Pages : 36 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.515/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AUTOMATIC CHANNEL SWITCHING

(51) International classification	:H04W4/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(33) Name of priority country	:NA	NARIMAN POINT, MUMBAI-400021, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SINGH DHEERAJ
(61) Patent of Addition to Application Number	:NA	2)NARAYANAN GANAPATHY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to method and systems for automatic switching of channels in a user device (110). The present subject matter includes determining occurrence of a primary switching event during reception of a current broadcast signal. Based on the determining, at least one broadcast signal from among a plurality of preferred broadcast signals is identified. The preferred broadcast signals are selected based in part on channel access pattern associated with a user. Further, a signal fingerprint of the at least one identified broadcast signal is compared with a plurality of reference signal fingerprints. Based on the comparison, a switching action is performed.

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.509/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : INTRAOCULAR PRESSURE SENSOR WITH EXTERNAL PRESSURE COMPENSATION

(51) International classification	:A61B 3/16,A61M 27/00
(31) Priority Document No	:12/563,244
(32) Priority Date	:21/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/047429
Filing Date	:01/09/2010
(87) International Publication No	:WO/2011/034727
(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)ALCON RESEARCH, LTD.

Address of Applicant :6201 SOUTH FREEWAY, FORT WORTH, TEXAS 76134 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)RICKARD, MATTHEW J.A.

2)SANCHEZ, JR., ROBERT JOSEPH

(57) Abstract :

An intraocular pressure sensor system has a first pressure sensor located in an anterior chamber of an eye and a remote pressure sensor located remotely from the first pressure sensor. The remote pressure sensor measures or approximates atmospheric pressure. A difference between readings from the first pressure sensor and the remote pressure sensor approximates intraocular pressure.

No. of Pages : 21 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.517/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A DRAFT SENSING, SELECTING AND INDICATING SYSTEM FOR OFF-ROAD VEHICLE SUCH AS TRACTOR

(51) International classification	:A01B63/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LTD.
(32) Priority Date	:NA	Address of Applicant :GATEWAY BUILDING APOLLO
(33) Name of priority country	:NA	BUNDER, MUMBAI - 400001. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. KOTHARKAR VINOD CHIMANRAY
(87) International Publication No	:N/A	2)MR. LATTO PRAKASH KRISHNARAO
(61) Patent of Addition to Application Number	:NA	3)MR. GOMES MAXSON CASTER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to draft sensing and indicating system for off-road vehicles such as tractors to accurately sense draft, select and indicate best draft to the operator with the aid of tailored controller yet offer flexibility to select drafts from a wide range obviating mechanical linkages for draft sensing. The synergistic combination and configuration of the draft sensing assembly, draft setting system and valve block with the controller wherein the draft sensing and draft setting potentiometer governed by the microprocessor based controller work in tandem to provide signal to the solenoid so as to divert hydraulic flow to the cylinder to lift or lower the implement facilitates accurate sensing of the draft and enables the operator to set and select draft from the wide range resulting in obviating problems associated with damage of implement in varied field conditions and achieving consistent productivity.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.518/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A SYSTEM FOR CONTROLLED OPERATION OF THREE POINT LINKAGE IN OFF-ROADVEHICLE SUCH AS TRACTOR

(51) International classification

:A01B
59/043

(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

:N/A

(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)MAHINDRA & MAHINDRA LTD.

Address of Applicant :GATEWAY BUILDING, APOLLO
BUNDER, MUMBAI - 400001. Maharashtra India

(72)Name of Inventor :

1)MR. KOTHARKAR VINOD CHIMANRAY

2)MR. LATTOO PRAKASH KRISHNARAO

3)MR. GOMES MAXSON CASTER

(57) Abstract :

The present invention relates to a hydraulic and electronic based power lifting system that enables desired controlled lifting or lowering of implement hitched to three point linkage of the tractor to an adjustable height, wherein the operator can pre-set the lifting height of the implement to any desired value, just enough to clear the ground. The synergistic hydraulic and electronic combination and configuration of the this quick-lift sub-assembly, valve block, cylinder assembled with the rockshaft and the control lever working in tandem with each other enables the operator to set and select extent of rotation of the rockshaft enabling quick implement lifting / lowering by desired extent just enough to clear ground in the field resulting in productivity / utilization enhancement of the off-road vehicle such as tractor.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.521/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITION FOR INHIBITING GENE EXPRESSION AND USES THEREOF

(51) International classification :C12N 15/113
(31) Priority Document No :61/275,252
(32) Priority Date :27/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/046781
Filing Date :26/08/2010
(87) International Publication No :WO/2011/031520
(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)IDERA PHARMACEUTICALS, INC.
Address of Applicant :167 SIDNEY STREET, CAMBRIDGE,
MA 02319 UNITED STATES OF AMERICA.
(72)**Name of Inventor :**
1)AGRAWAL, SUDHIR
2)KANDIMALLA, EKAMBAR
3)PUTTA, MILLIKARJUNA
4)LAN, TAO
5)BHAGAT, LAKSHMI
6)WANG, DAQING
7)YU, DONG

(57) Abstract :

The inventors have examined the means for providing more efficacious gene expression blocking compounds. The inventors have discovered new structural features that surprisingly improve the efficacy of gene expression blocking molecules. These features include the presence of multiple 3 ends and a linker at the 5 ends. Surprisingly, these features improve the efficacy of the gene expression blocking compounds in a manner that decreases the compounds biologic instability. Even more surprisingly, this effect has been found to be applicable to both DNA and RNA oligonucleotide -based compounds and to have application in traditional antisense and RNAi technologies.

No. of Pages : 107 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION

(21) Application No.515/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PESTICIDAL MIXTURES

(51) International classification	:A01N 43/36
(31) Priority Document No	:09171614.2
(32) Priority Date	:29/09/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/064100
Filing Date	:24/09/2010
(87) International Publication No	:WO/2011/039105
(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)BASF SE

Address of Applicant :67056 LUDWIGSHAFEN GERMANY.

(72)Name of Inventor :

1)GEWEHR, MARKUS

2)HADEN, EGON

3)BRAHM, LUTZ

(57) Abstract :

The present invention relates to synergistic mixtures comprising, as active components, chlorfenapyr as insecticidal compound I and a fungicidal compound II selected from the group of azoxystrobin, coumethoxystrobin, coumoxystrobin, dimoxystrobin, enestroburin, fluoxastrobin, kresoxim-methyl, metominostrobin, orysastrobin, pico- xystrobin, pyraclostrobin, pyrametostrobin, pyraoxystrobin, pyribencarb, trifloxystrobin, 2-(ortho-((2,5-dimethylphenyl-oxymethylen)phenyl)-3-methoxy-acrylic acid methyl ester, 2-(2-(3-(2,6-dichlorophenyl)-1 -methyl-allylideneaminooxymethyl)-phenyl)-2- methoxyimino-N-methyl-acetamide.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.516/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN ENERGY EFFICIENT HYDRAULIC SYSTEM FOR EFFECTIVE ROUTING OF HYDRAULIC FLUID IN OFF-ROAD VEHICLE SUCH AS TRACTOR

(51) International classification	:E02F 9/22	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LTD
(32) Priority Date	:NA	Address of Applicant :GATEWAY BUILDING, APOLLO
(33) Name of priority country	:NA	BUNDER, MUMBAI - 400001. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. KOTHARKAR VINOD CHIMANRAY
(87) International Publication No	:N/A	2)MR. LATTO PRAKASH KRISHNARAO
(61) Patent of Addition to Application Number	:NA	3)MR. GOMES MAXSON CASTER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system for effectively routing hydraulic fluid flow, controlled lowering of the implement using hydraulic system and obviating problems associated with leakages of hydraulic fluid inside the valve body, to enhance effectiveness and efficiency of the hydraulic system and thereby performance of the off-road vehicle such as tractor. The system comprises a valve block assembly, a microprocessor based controller, a double acting cylinder configured with a check valve and pilot piston valve, wherein said valve block assembly comprises of position control and draft control solenoid valve those are electronically configured with the said controller and hydraulically configured with a hitch pump and a steering pump.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.524/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :16/03/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD AND AN APPARATUS FOR A COMMUNICATION SESSION

(51) International classification :H04L 29/06

(31) Priority Document No :60/592, 470

(32) Priority Date :30/07/2004

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2005/027069

Filing Date :29/07/2005

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :142/MUMNP/2007

Filed on :31/01/2007

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :5775 Morehouse Drive San Diego
California 92121-1714 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)LIOY Marcello

2)WANG Jun

3)SHIROTA Masakazu

4)HSU Raymond Tah-Sheng

5)VEEREPALLI Sivaramakrishna

(57) Abstract :

A communication session between a node seeking network access and a NAS (Network Access Server) is established by having only few exchanges of messages. Upon detecting a physical link between the node and the NAS, the NAS immediately sends an authentication request message to the node. In response, the node sends a request message which includes all parameters options, in addition to responding to the authentication request message, for link configuration and network access control. The NAS then picks and chooses the parameter options and sends back the selected options in a reply message to the node. If the selected options in the reply message meet a threshold, the node straightforwardly transmits user data for network access via the NAS.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.524/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FLUID DISINFECTION DEVICE AND METHOD

(51) International classification	:A61L 9/04
(31) Priority Document No	:61/423,931
(32) Priority Date	:16/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/063637
Filing Date	:07/12/2011
(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)ADVANCED TECHNOLOGIES & TESTING LABORATORIES INC
Address of Applicant :3802 SPECTRUM BLVD SUITE 143
TAMPA, FLORIDA 33612 U.S.A.
(72)**Name of Inventor :**
1)GOSWAMI, DILIP

(57) Abstract :

A system for disinfecting a fluid containing contaminants (chemical and biological) includes a plurality of photocatalytic particles secured to a substrate which contacts the fluid to be disinfected. An agitator for imparting translation and/or vibrational movement is in operational communication with the substrate to increase the contact of photocatalytic particles with contaminants in the fluid. The system can include a source of photons having a wavelength corresponding to band gap energy of the photocatalytic particles to illuminate the substrate. Although the invention can be used to disinfect air in air supply registers of a heating, ventilating and air conditioning system, or in air ducts, the disinfection of any fluid (including water) is contemplated.

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.511/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PROCESS FOR PREPARATION OF ILOPERIDONE AND AMORPHOUS CO-PRECIPITABLE OF ILOPERIDONE WITH PHARMACEUTICALLY ACCEPTABLE EXCIPIENT

(51) International classification	:C07D261/20; C07D413/04	(71) Name of Applicant : 1)MEGAFINE PHARMA (P) LTD. Address of Applicant :4TH FLOOR, SETHNA, 55, MAHARSHI KARVE ROAD, MARINE LINES, MUMBAI - 400 002, 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)MATHAD VIJAYAVITTHAL THIPPANNACHAR
(87) International Publication No	:N/A	2)SOLANKI PAVANKUMAR VRAJLAL
(61) Patent of Addition to Application Number	:NA	3)PANDIT BHUSHAN SUDHAKAR
Filing Date	:NA	4)UPPELLI SEKHAR BABU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for preparation of iloperidone wherein 1-(4-(3-chloropropoxy-3-methoxyphenyl)ethanone is reacted with 6-fluoro-3-piperidin-4-yl-1,2 benzisoxazole hydrochloride in a biphasic solvent system in presence of an inorganic base and a phase transfer catalyst. Further, process for preparation of an amorphous co-precipitate of iloperidone or its acid addition salt along with pharmaceutically acceptable excipient is proposed. Further, the present invention also relates to a co-precipitate of amorphous form of iloperidone along with pharmaceutically acceptable excipients.

No. of Pages : 41 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.519/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TRACKING THE PROBABILITY FOR IMMINENT HYPOGLYCEMIA IN DIABETES FROM SELF-MONITORING BLOOD GLUCOSE (SMBG) DATA

(51) International classification :G01N 33/48
(31) Priority Document No :61/239,291
(32) Priority Date :02/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/047711
Filing Date :02/09/2010
(87) International Publication No :WO/2011/028925
(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)UNIVERSITY OF VIRGINIA PATENT FOUNDATION
Address of Applicant :250 WEST MAIN STREET, SUITE
300, CHARLOTTESVILLE, VA 22902 UNITED STATES OF
AMERICA.

(72)**Name of Inventor :**
1)KOVATCHEV, BORIS, P.
2)BRETON, MARC, D.

(57) Abstract :

A method, system and related computer program product for tracking the probability of hypoglycemia from routine self-monitoring of blood glucose (SMBG) data in patients with diabetes. A specific bivariate probability distribution of low BG events based jointly on the Low BG Index (LBGI) and the Average Daily Risk Range (ADRR) is used to predict hypoglycemia probability of occurrence from inputted SMBG data. The SMBG data is retrieved from a series of SMBG data of a patient available from the patients glucose meter and allows tracking of the probability for future hypoglycemia over a predetermined duration, e.g. a 24 or 48 hour period. The tracking includes presentation of visual and/or numerical output, as well as construction of hypoglycemia risk trajectories that would enable warning messages for crossing of predefined thresholds, such as 50% likelihood for upcoming hypoglycemia below 50mg/dl.

No. of Pages : 58 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.526/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : STRUCTURAL, ELECTRICAL AND DIELECTRIC PROPERTIES OF ZN SUBSTITUTED PBTIO3 CERAMICS

(51) International classification

:N/A

(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

:N/A

(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)DR. VIJAY JANARDHAN FULARI

Address of Applicant :HOLOGRAPHY AND MATERIALS

RESEARCH LABORATORY, DEPARTMENT OF PHYSICS,

SHIVAJI UNIVERSITY, KOLHAPUR 416 004. Maharashtra

India

(72)Name of Inventor :

1)DR. VIJAY JANARDHAN FULARI

2)MR. SHIRISH DATTARAM KAMAT

3)N/A

4)MR. SATISH ANNA GANGAWANE

(57) Abstract :

NOT SUBMITTED

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.527/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN ELECTRICAL CONTACT SYSTEM HAVING SHORT CIRCUIT CURRENT WITHSTANDING CAPABILITY

(51) International classification	:H01H73/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House Ballard Estate Mumbai
(33) Name of priority country	:NA	400 001 State of Maharashtra India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DATTATRAY Gaikwad Shirish;
(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	

(57) Abstract :

The present invention relates to an electrical contact system comprises pair stationary contact means and moving contact means (5). The moving contact means (5) is proximally located in between the stationary contact means, which are operatively surrounding the moving contacts means (5) wholly or partially. The stationary contact means comprises a substantially U shaped modular profile located almost at the middle of said stationary contact means having parallel portions I and parallel portions II such that the parallel portions I are operatively located substantially above the moving contact means (5) and the parallel portions II are operatively located substantially below the moving contact means (5). The portion I and portion II having an appropriate longitudinal relationship and are substantially symmetrically located on both sides of the moving contact means such that current direction in the parallel portions I and parallel portions II is opposite to the moving contact means (5) thereby preventing opening of the moving contact means (5) when high current flows through the system.

No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.511/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CATALYTIC DOMAINS FROM LYSYL OXIDASE AND LOXL2

(51) International classification :C07K 14/435

(31) Priority Document No :61/235,776

(32) Priority Date :21/08/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/046192

Filing Date :20/08/2010

(87) International Publication No :WO/2011/022667

(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)GILEAD BIOLOGICS, INC.

Address of Applicant :333 LAKESIDE DRIVE FOSTER CITY, CA 94404 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)MCCAULEY, SCOTT

2)SMITH, VICTORIA

(57) Abstract :

Disclosed herein are amino acid sequences, and encoding nucleotide sequences, of isolated catalytic domains of the LOX and LOXL2 proteins from human and mouse. Methods for the preparation and use of these isolated catalytic domains are also provided.

No. of Pages : 67 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.512/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : RADIO BASE STATION AND HANDOVER INSTRUCTING METHOD

(51) International classification	:H04W 36/32
(31) Priority Document No	:2009-224470
(32) Priority Date	:29/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005740
Filing Date	:22/09/2010
(87) International Publication No	:WO/2011/039976
(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)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN.

(72)Name of Inventor :

1)SATO, TETSURO

(57) Abstract :

A radio base station wherein when UE connected to an LTE access network performs a CS Fallback, the time required for the CS Fallback can be reduced. An eNB (100), which moves in a cell providing a first service and further covers a cell providing a second service different from the first service, gives UE, which is currently connected to the eNB, an instruction of handover to the cell providing the first service. In the eNB: a terminal position predicting unit (103) predicts, based on the position, moving speed or traveling direction of the UE, a position of the UE at the handover timing; a determining unit (105) determines, based on the position of the UE at the handover timing, a handover destination of the UE from among a plurality of cells providing the first services; and an instructing unit (106) transmits, to the UE, a handover instruction that is an instruction of handover to the cell of the handover destination.

No. of Pages : 38 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.513/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PORTABLE BANKING APPARATUS

(51) International classification	:G06Q40/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FORBES TECHNOSYS LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO C-17/18, ROAD NO. 16,
(33) Name of priority country	:NA	WAGLE INDUSTRIAL ESTATE, THANE-400604 Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)AJAY SINGH
(61) Patent of Addition to Application Number	:NA	2)FEROZE KATILA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

PORTOBANKER is a cost-effective, portable and scalable device that can deliver an array of banking, finance and commerce services, all from a single platform. Additional services can be easily added, based on specific requirements of the service provider and/or the consumer. This device meets all financial security standards like two factor authentication, biometric plus smart cards based access, secure communication to core banking system through the financial switch and many more. The device is also compliant with all the IBA/UIDAI guidelines that have been published. The device is made with state of the art hardware technology, has a Solar charged battery backup and can function in online/offline modes, thus making it an ideal platform for the rural markets.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.520/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMBINATION VACCINES AGAINST RESPIRATORY TRACT DISEASES

(51) International classification :A61K 39/145
(31) Priority Document No :61/241,264
(32) Priority Date :10/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/002401
Filing Date :10/09/2010
(87) International Publication No :WO/2011/030218
(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)NOVARTIS AG
Address of Applicant :LICHSTRASSE, CH-4056 BASEL
SWITZERLAND.
(72)**Name of Inventor :**
1)RAPPUOLI, RINO
2)CLEMENS, RALF

(57) Abstract :

Influenza, pneumococcus and/or RSV vaccines are administered as a combination vaccine while retaining immunogenic efficacy. This combination simplifies immunisation against these two lower respiratory tract infections. The pneumococcal vaccine ideally includes at least one pneumococcal polypeptide.

No. of Pages : 57 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.529/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A HYDRAULIC JACK SYSTEM FOR PROVIDING VARIABLE MECHANICAL ADVANTAGE TO AN OPERATOR

(51) International classification	:E02F9/22
(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	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1005/MUM/2010
Filed on	:31/03/2010

(71)Name of Applicant :

1)CROMPTON GREAVES LIMITED

Address of Applicant :CG HOUSE, DR ANNIE BESANT
ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)KHEDKAR PARAG PRABHAKAR

(57) Abstract :

A hydraulic jack system 200 that provides the benefit of variable mechanical advantage to an operator during operation is disclosed in the several embodiments of this disclosure. The system includes a jack assembly 202 having a jack piston 204 disposed within a jack cylinder 206. The jack assembly 202 is connected to an oil reservoir 208 through a manually operated control valve 210. A pump 212 is connected to the oil reservoir 208 through a withdrawing conduit 224 for receiving oil when the pump 212 exerts a suction stroke and the pump 212 is connected to the jack cylinder 206 through a dispensing conduit 226 for dispensing the received oil within the jack cylinder 206 when the pump 212 exerts a compression stroke. A lever 246 is pivotally engaged within a slot 244 of a support structure 242 and positioned at an end of the slot 244 formed within the support structure 242 the lever 246 is angularly displaceable along a vertical plane to allow the pump 212 to exert the suction and compression stroke. The pivotable end 248 of the lever 246 is capable of being slidably movable to an opposite end of the slot 244. An additional piston-cylinder arrangement 230 is securely held within a jack frame and connected between the jack cylinder 206 and the pump 212 through corresponding conduits 232, free end of the piston 234 having a flange member 240 fixedly connected to the pivotable end 248 of the lever 246.

No. of Pages : 19 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.525/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A POWER SUPPLY SYSTEM AND AN ALTERNATOR FOR CHARGING BATTERY

(51) International classification	:H02K19/36; H02P9/00	(71)Name of Applicant : 1)M. SHRIDHAR NAIDU
(31) Priority Document No	:NA	Address of Applicant :A4/ 601, GANGA SATELLITE
(32) Priority Date	:NA	WANOWARLE, PUNE 411040 Maharashtra India.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)M. SHRIDHAR NAIDU
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides system for charging battery. The system depending upon the inputs received from the first shunt and the second shunt, the speed controller along with the governor controls the speed of alternator thereby controlling the electricity generated and optimizing the usage of fuel by the engine. The system comprises a three phase alternator for generating electricity. The alternator can replace flywheel which reduces power consumption. The alternator also has inbuilt impeller for circulating air for cooling thereof.

No. of Pages : 30 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.525/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BIO-BASED WAX COMPOSITIONS AND APPLICATIONS

(51) International classification	:C10L 5/44
(31) Priority Document No	:61/238,940
(32) Priority Date	:01/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/047437
Filing Date	:01/09/2010
(87) International Publication No	:WO/2011/028744
(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)GALATA CHEMICALS, LLC
Address of Applicant :464 HERITAGE ROAD,
SOUTHBURY, CT 06488 UNITED STATES OF AMERICA.

(72)**Name of Inventor :**
1)CLOCK, ANDREW J.
2)MCKEOWN, STEVEN
3)WISNEFSKY, ERIC
4)FRENKEL, PETER

(57) Abstract :

Bio-based wax compositions contain at least one of the following components: epoxides of non-hydro genated vegetable oils, epoxides of fatty acid esters, epoxides of tall oil fatty acid esters, chemically modified epoxides of non-hydrogenated vegetable oils, chemically modified epoxides of fatty acid esters, and chemically modified epoxides of tall oil fatty acid esters. The wax compositions can be used to produce candle sticks, container candles and/or composite materials.

No. of Pages : 19 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/02/2011

(21) Application No.533/MUM/2011 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : TRANSMISSION SHAFT FOR MOVING CONTACT IN LOW VOLTAGE SWITCHGEAR

(51) International classification	:H01H31/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House Ballard Estate Mumbai
(33) Name of priority country	:NA	400 001 State of Maharashtra India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PATIL Rohit Naresh;
(87) International Publication No	: NA	2)THAKUR Pankaj Dattatraya;
(61) Patent of Addition to Application Number	:NA	3)FEGADE Pramod L.;
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an electric pole assembly for use in switching devices composing a cassette means comprising a pair of identical housing; a rotor assembly secured inside said housing. The rotor assembly comprises a pair of moving contact means (2) adapted to make said switch device on and off ; a fixed contact; a rotor means (1)substantially holding said moving contact means(2); a cladding means (3)substantially having a C-shaped modular profile operatively connected with said moving (2) contact means ; an energy storing element (4) operatively connected with said moving contact means; a projection means(5) substantially projecting from said rotor(1) ; a cavity means (6)substantially located on said rotor (1)adapted to engage with said projection of another rotor for interlocking. The present invention also relates to a transmission shaft arrangement.

No. of Pages : 16 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.533/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LOW VOLATILE AMINE SALTS OF ANIONIC PESTICIDES

(51) International classification	:A01N 37/40	(71)Name of Applicant :
(31) Priority Document No	:61/247005	1)BASF SE
(32) Priority Date	:30/09/2009	Address of Applicant :67056 LUDWIGSHAFEN
(33) Name of priority country	:U.S.A.	GERMANY.
(86) International Application No	:PCT/EP10/064343	(72)Name of Inventor :
Filing Date	:28/09/2010	1)XU, WEN
(87) International Publication No	:WO/2011/039172	2)KIERKUS, PAUL CH.
(61) Patent of Addition to Application Number	:NA	3)BRUNT, STEVEN
Filing Date	:NA	4)BOWE, STEVEN
(62) Divisional to Application Number	:NA	5)HIXON, ADAM
Filing Date	:NA	6)CANNAN, TERRANCE M.

(57) Abstract :

The present invention relates to a salt comprising an anionic pesticide and a cationic polyamine of the formula (A) or (B) as described in the description. The invention further relates to an agrochemical composition comprising said salt. It also relates to a method for preparing said salt comprising combining the pesticide in its neutral form or as salt, and the polyamine in its neutral form or as salt. In addition, the invention relates to a method of combating harmful insects and/or phytopathogenic fungi. It also relates to a method of controlling undesired vegetation. Finally, the invention relates to seed comprising said salt.

No. of Pages : 75 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.534/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :26/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A THERMOPLASTIC COMPONENT FOR SWITCHGEARS AND A METHOD OF MANUFACTURING THERMOPLASTIC COMPONENTS

(51) International classification :H01B3/30,H01H9/02
(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 Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LARSEN & TOUBRO LIMITED
Address of Applicant :L & T House Ballard Estate Mumbai
400 001 State of Maharashtra India.
(72)**Name of Inventor :**
1)VAIRAGI Prashant B.;
2)MAJUMDAR Vikas M.;

(57) Abstract :

The various embodiments of the present invention provide a thermoplastic material to a preset level to avoid melting during an application of normal operating pressure and at normal operating temperature. The present inventions also provide a method of manufacture of thermoplastic components for switch gears. The method includes molding a thermoplastic component to a preset level using a thermal injection molding process and placing the molded thermoplastic component in a carton. The method further includes passing the carton through an irradiation chamber to provide an exposure to gamma radiation or electron beam radiation for cross linking one or more thermoplastic components.

No. of Pages : 25 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.537/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : THIN FILM DEPOSITION APPARATUS AND METHOD FOR THE SAME

(51) International classification :C23C 16/513

(31) Priority Document No :2003514

(32) Priority Date :18/09/2009

(33) Name of priority country :Netherlands

(86) International Application No :PCT/NL2010/050604

Filing Date :17/09/2010

(87) International Publication No :WO/2011/034429

(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)OTB SOLAR B.V.

Address of Applicant :LUCHTHAVENWEG 10 5657 EB
EINDHOVEN THE NETHERLANDS.

(72)Name of Inventor :

1)VAN GERWEN, BJORN

2)BOSCH, ROLAND CORNELIS MARIA

3)DINGS, FRANCISCUS CORNELIUS

(57) Abstract :

Method for depositing a thin film comprising: - providing an expanding thermal plasma plume (116), including at least one chemical component to be deposited; - designating a first (130a) and a second (130c) deposition zone within the plasma plume, such that the first and second deposition zones have a mutually different relative content of the chemical component; - providing a substrate (120), and transporting said substrate through the plasma plume along a substrate transport path (126) having a substrate transport path direction (T); and - providing a mask (128) that is at least partly disposed in the plasma plume and that shields a portion of the substrate transport path from being deposited on, wherein said shielded portion of the substrate transport path extends in the direction of the substrate transport path and bridges at least the first deposition zone, while it starts or terminates in the second deposition zone.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2011

(21) Application No.538/MUM/2011 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IMPROVED DRAW-OUT MECHANISM FOR CIRCUIT BREAKERS AND SWITCHBOARDS

(51) International classification	:H02B11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House Ballard Estate Mumbai
(33) Name of priority country	:NA	400 001 State of Maharashtra India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RANGARAJU Dhanabal;
(87) International Publication No	: NA	2)RAMASAMY Saminathan;
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved draw-out mechanism for circuit breakers and/or switchboards. In the mechanism, plurality of plate means (8) securing said circuit breaker (3) on its both sides such that the circuit breaker (3) is movable on the plate means (8). A shaft means (14) is operatively engaged to the rail means (13). A bracket arrangement (4) is tightly engaged to the circuit breaker (3) and is fitted to the rail means (13) so as to move the circuit breaker (3) during draw-out operation. Plurality of link means (12) adapted to provide operative linkage between the rails (13) and the shaft means (14) such that rotational movement of the shaft means (14) provides corresponding linear movement of the rail means (13).

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.538/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AMINOQUINAZOLINE COMPOUNDS FOR COMBATING INVERTEBRATE PESTS

		(71)Name of Applicant :
		1)BASF SE
		Address of Applicant :67056 LUDWIGSHAFEN GERMANY.
		(72)Name of Inventor :
		1)GROB, STEFFEN
		2)POHLMAN, MATTHIAS
		3)NARINE, ARUN
		4)ROSENBAUM, CLAUDIA
		5)DESHMUKH, PRASHANT
		6)DICKHAUT, JOACHIM
		7)BANDUR, NINA GERTRUD
		8)KORBER, KARSTEN
		9)KAISER, FLORIAN
		10)VON DEYN, WOLFGANG
		11)LANGEWALD, JURGEN
		12)CULBERTSON, DEBORAH L.
		13)EBUENGA, CECILLE
(51) International classification	:C07D 239/94	
(31) Priority Document No	:61/245,322	
(32) Priority Date	:24/09/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/EP2010/063502	
Filing Date	:15/09/2010	
(87) International Publication No	:WO/2011/036074	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to aminoquinazoline compounds or the enantiomers or veterinarily acceptable salts thereof which are useful for combating or controlling invertebrate pests, in particular arthropod pests and nematodes. The invention also relates to methods for controlling invertebrate pests by using these compounds and to plant propagation material and to agricultural and veterinary compositions comprising said compounds. Formula (I) wherein A1, A2, A3, A4, R1, R2, R3, R4, R5a, R5b, R5c, R5d and p are defined as in the description.

No. of Pages : 149 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2011

(21) Application No.539/MUM/2011 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR ASYMMETRIC REDUCTION

(51) International classification :C07B53/00,C07C29/143
(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 :N/A
(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)EMCURE PHARMACEUTICALS LIMITED
Address of Applicant :EMCURE HOUSE, T-184, M.I.D.C.,
BHOSARI, PUNE-411026, Maharashtra India.
(72)Name of Inventor :
1)GURJAR MUKUND KESHAV
2)MAIKAP GOLAKCHANDRA SUDARSHAN
3)MAHALE RAJENDRA DAGESING
4)CHASKAR SUDHIR PANDITRAO
5)PATIL KIRAN EKANATH
6)MEHTA SAMIT SATISH

(57) Abstract :

The present invention provides a convenient and cost-effective process for preparation of chiral intermediates through asymmetric reduction of ketones. The process comprises reaction of achiral ketone with the reagent prepared from sodium borohydride, N,N-diethylaniline hydrochloride, and optically active α , α -diphenyl-2-pyrrolidinyl methanol. The chiral intermediates so prepared possess high enantiomeric purity and are used as intermediates in synthesis of active pharmaceutical ingredients such as Dapoxetine, Fluoxetine, Atomoxetine, Duloxetine, and Rivastigmine.

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.528/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : IMPROVED PROCESS FOR PREPARATION OF CANDESARTAN CILEXETIL

(51) International classification	:C07D403/00
(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	:N/A
(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) UNICHEM LABORATORIES LIMITED
Address of Applicant : UNICHEM BHAVAN, PRABHAT
ESTATE, OFF. S. V. ROAD, JOGESHWARI (W), MUMBAI -
400 102, MAHARASHTRA, INDIA.
(72) **Name of Inventor :**
1) DR. AJIT MADHUKAR BHOBE
2) DR. JAGANNATH BHAGAWANRAO LAMTURE
3) DR. YASHBIR SINGH
4) MR. BABULAL PATEL
5) MR. TARAKKUMAR S. PAWAR

(57) Abstract :

The invention relates to an improved process for the preparation of candesartan cilexetil, particularly the deprotection of trityl candesartan cilexetil to obtain Candesartan cilexetil.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.534/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HANDHELD LOW-LEVEL LASER THERAPY APPARATUS

(51) International classification	:A61N 5/06
(31) Priority Document No	:12/534,878
(32) Priority Date	:04/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/000584
Filing Date	:22/07/2010
(87) International Publication No	:WO/2011/016020
(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)MICHAEL SCHLOSSER
Address of Applicant :51 SHEERIT HAPLEITA STREET,
34987 HAIFA, ISRAEL.
(72)**Name of Inventor :**
1)YONATAN GERLITZ

(57) Abstract :

A laser therapy device, including: a laser diode that is adapted to produce a monochromatic laser beam; a lens that is adapted to receive the beam directly from the laser diode and exploit the natural divergence of the laser diode to form an essentially coherent monochromatic, collimated beam; wherein the formed beam is adapted to form on a plane perpendicular to the direction of propagation of the beam an elongated illuminated area in which the length of the illuminated area is at least twice the size of the width of the illuminated area; a controller that is adapted to control activation of the laser diode; an encasement enclosing the laser diode, the lens and the controller; wherein the encasement is adapted to be hand held by the user.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.535/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CRANKCASE HEATER SYSTEMS AND METHODS FOR VARIABLE SPEED COMPRESSORS

(51) International classification	:F25B 1/04,F04B 49/06
(31) Priority Document No	:61/245,394
(32) Priority Date	:24/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050109
Filing Date	:24/09/2010
(87) International Publication No	:WO/2011/038176
(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)EMERSON CLIMATE TECHNOLOGIES, INC.

Address of Applicant :1675 W. CAMPBELL ROAD
SIDNEY, OHIO 45365 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)MCSWEENEY, DANIEL L.

2)GREEN, CHARLES E.

3)SEIBEL, STEPHEN M.

(57) Abstract :

A system includes a compressor having a shell housing a compression mechanism driven by an electric motor in an on state and not driven by the electric motor in an off state. The system also includes a variable frequency drive that drives the electric motor in the on state by varying a frequency of a voltage delivered to the electric motor and that supplies electric current to a stator of the electric motor in the off state to heat the compressor.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.536/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ELECTRONIC BLANK AMMUNITION

(51) International classification :F41A 33/02

(31) Priority Document No :2009 3112

(32) Priority Date :08/10/2009

(33) Name of priority country :Norway

(86) International Application No :PCT/NO2010/000357

Filing Date :08/10/2010

(87) International Publication No :WO/2011/043673

(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)NIMTEC AS

Address of Applicant :SVERDRUPSGT. 4, N-3717, SKIEN,
NORWAY.

(72)Name of Inventor :

1)BOTTEN, STEFFEN

(57) Abstract :

The present invention relates to a system for electronic simulation of live ammunition when firing a small arms, comprising: - a magazine (1, 25, 50) to be inserted in a magazine funnel of the arms simulating a live ammunition magazine; - a trigger module (2, 26, 51) to be mounted on the arms, the trigger module comprising a trigger actuator (3, 27, 53, 95) for mounting on a trigger of the arms and a safety catch actuator (4, 28, 54, 97, 98, 99) for mounting on a safety catch on the arms; and - a sound producing device for simulation of shots. The invention replaces ordinary blank ammunition in the magazine with an electronic solution.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.543/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD OF PREPARATION OF AN ORAL SOLID DOSAGE FORM CONTAINING AN INSOLUBLE 5-ALPHA-REDUCTASE INHIBITOR AND PHARMACEUTICAL PREPARATIONS CONTAINING THEREOF

(51) International classification	:A61K8/97; A61Q17/00	(71) Name of Applicant : 1)TITAN LABORATORIES PVT. LTD. Address of Applicant :TITAN LABORATORIES PVT. LTD. 102 TITAN HOUSE, M.P. VAIDYA MARG, 60 FEET ROAD, GHATKOPAR-EAST, MUMBAI-400 077 MAHARASHTRA INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)MR. PIYUSH B. SHAH
(61) Patent of Addition to Application Number	:NA	2)MRS. SAMPADA H. TUPE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of preparation of an instant release oral solid dosage form of an insoluble 5 α -reductase inhibitor and pharmaceutical preparations containing thereof particularly in the form of drug coated non pareil seeds or pellets or beads comprising the active.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.544/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : BRAKE DISC THICKNESS VARIATION AND RUN-OUT MEASUREMENT SYSTEM

(51) International classification	:G01G23/01	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTERS LIMITED
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY
(33) Name of priority country	:NA	STREET, HUTATMA CHOWK, MUMBAI 400 001,
(86) International Application No	:NA	Maharashtra India.
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)DATTATRAYA S KAD
(61) Patent of Addition to Application Number	:NA	2)MR. SOMANATHAN M
Filing Date	:NA	3)PRAMOD P KULKARNI
(62) Divisional to Application Number	:NA	4)BADAL G BISEN
Filing Date	:NA	

(57) Abstract :

A brake disc thickness variation and run-out measurement system comprising means to measure the displacement using a displacement measuring device of brake rotor / disc surface with respect to a positive physical contact point established on the opposite surface to the measuring surface on a brake rotor, where the brake rotor is free to rotate on its mounting axis, an arm on which a C shaped block is attached, a contact pin fitted on one lug of C shaped block, whereas a provision for said displacement measuring device fitment is provided on the other lug of said C shaped block and the other end of the said arm is left open, the open end of the said arm is fitted to a plate, said arm can swivel upon the fitted point on the said plate, the swiveling of said arm is against a spring load, a lock arrangement to arrest said swiveling of said arm whenever necessary.

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.539/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MULTIPLEXED BIOMETRIC IMAGING AND DUAL-IMAGER BIOMETRIC SENSOR

(51) International classification	:G06K 9/00,G06K 9/20
(31) Priority Document No	:61/237,189
(32) Priority Date	:26/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046852
Filing Date	:01/01/1900
(87) International Publication No	:WO2011/028620
(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)LUMIDIGM, INC.
Address of Applicant :801 UNIVERSITY BLVD SE, SUITE 302 ALBUGUERQUE, NEW MEXICO 87106, UNITED STATES OF AMERICA.
(72)**Name of Inventor :**
1)MARTIN, RYAN
2)ROWE, ROBERT, K.
3)CORCORAN, STEVE, P.
4)ROGERS, GARY

(57) Abstract :

Some embodiments disclose systems and methods for a multiplexed multispectral imaging, object discrimination, background discrimination, and/or object identification. In some embodiments, a multispectral sensor is provided that includes at least two illumination sources and an imager with a color filter array. The two illumination sources can illuminate a platen with light having distinct illumination angles and distinct characteristics. The color filter array, which may be integral with the imager or separate therefrom, can filter light based on specific distinctions between the two illumination sources. A single image of an object at the platen can be acquired. Individual pixels of the image will then be highly associated with one or the other illumination source. Because of the filtering by the color filter array, this image will include information about the illumination angle. Some embodiments disclose a dual-imager biometric sensor. The two imagers may include a direct imager and a TIR imager.

No. of Pages : 69 No. of Claims : 74

(12) PATENT APPLICATION PUBLICATION

(21) Application No.545/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENGINEERING PARTICLE SIZE DISTRIBUTIONS FOR ENHANCED GLASS INFILTRATION IN POROUS CERAMIC PREFORMS FOR DENTAL CROWNS AND BRIDGES

(51) International classification	:A61C13/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY BOMBAY, POWAI MUMBAI - 400 076
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)PARAG BHARGAVA
(61) Patent of Addition to Application Number	:NA	2)PREETI BAJPAI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the processing of dental ceramic crowns and bridges which are to be placed in a patients oral cavity to replace damaged or missing teeth. To prepare the framework structure of dental crown or bridge, ceramic powder blends are infiltrated with glass. The process involves fabrication of porous ceramic performs using engineered particle size distribution. The particle size distributions result in a characteristic pore size distribution which facilitates infiltration of glass in the presintered porous bodies in shortest possible time. Thereby getting a dental ceramic product with enhanced fracture toughness and strength.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.545/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEEPWELL PLATE SYSTEM WITH LID

(51) International classification	:B01L 3/00,C12M 1/00
(31) Priority Document No	:09011408.3
(32) Priority Date	:05/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/005009
Filing Date	:14/08/2010
(87) International Publication No	:WO/2011/026559
(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)LONZA BIOLOGICS PLC

Address of Applicant :228-230 BATH ROAD, SLOUGH SL1 4DX UNITED KINGDOM.

(72)Name of Inventor :

1)STETTLER, MATT

2)HAINES, ADRIAN

(57) Abstract :

The present invention relates to a deepwell plate system, comprising a deepwell plate and a lid system which can be detachably fitted to the deepwell plate by snap- or clamp-fastening means so as to tightly seal the deepwell plate and to a method for the cultivation of cells within the deepwell plate system according to the present invention.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.546/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING TRANSIENTLY SURVIVING CTL

(51) International classification	:A61K 35/28
(31) Priority Document No	:2009-188251
(32) Priority Date	:17/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/063181
Filing Date	:04/08/2010
(87) International Publication No	:WO/2011/021503
(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)THE UNIVERSITY OF TOKYO

Address of Applicant :3-1, HONGO 7-CHOME, BUNKYO-KU, TOKYO 1138654, JAPAN.

(72)Name of Inventor :

1)YAMASHITA, NAOHIDE

2)NAGAYAMA, HITOMI

3)FUJITA, SHIGEHARU

(57) Abstract :

Disclosed are transplantation cells for an immunotherapy, which are applicable to a wider variety of patients compared to conventional transplantation cells for immunotherapies, and which can survive transiently so that severe GVH disease cannot be induced. Specifically disclosed is a pharmaceutical composition containing cells derived from human hematopoietic stem cells. In the pharmaceutical composition, the genetic locus of at least one human HLA class I molecule in the cells contains at least one antigen for which the type of matching of the cell is identical to that of a patient. The genetic locus of each of the human HLA class I and II molecules in the cells contains at least one antigen for which the type of matching of the cell is not identical to that of a patient, and the cells derived from the hematopoietic stem cells do not cause acute GVH disease having a severity of level III or IV in the body of a patient even when the cells survive in the patient permanently.

No. of Pages : 41 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.552/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A NOVEL LIQUID RECTAL SPRAY DOSAGE FORM COMPRISING BISCODYL

(51) International classification	:A61K47/48; A61K9/00	(71)Name of Applicant : 1)LINCOLN PHARMACEUTICALS LIMITED Address of Applicant :LINCOLN HOUSE, SCIENCE CITY ROAD, SOLA, AHMEDABAD - 380 060. GUJARAT, 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)PATEL RAJNIKANT GULABDAS
(87) International Publication No	:N/A	2)PATEL JIGAR HASMUKHABHAI
(61) Patent of Addition to Application Number	:NA	3)NAIK SHARDUL ARUNKUMAR
Filing Date	:NA	4)PANDYA NILAY BHARTENDU
(62) Divisional to Application Number	:NA	5)PATEL HIREN MANHARBHAI
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a high concentrated liquid rectal spray composition comprising Bisacodyl and its pharmaceutically acceptable salts in unique blend of solvent, mucoadhesive polymers and preservatives; along with pharmaceutically acceptable excipients, useful for the treatment of constipation and bowel evacuation before investigational procedures or surgery. Also the invention discloses a process for preparation of said composition.

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.553/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL CONCENTRATED LIQUID ORAL SPRAY DOSAGE FORM CONTAINING ANTI-ALLERGIC., COUGH SUPPRESSANT AND NASAL DECONGESTANT COMBINATIONS

(51) International classification	:A61K36/00; A61P37/08	(71)Name of Applicant : 1)LINCOLN PHARMACEUTICALS LIMITED Address of Applicant :LINCOLN HOUSE, SCIENCE CITY ROAD, SOLA, AHMEDABAD - 380060, GUJARAT, 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)PATEL RAJNIKANT GULABDAS
(87) International Publication No	:N/A	2)PATEL JIGAR HASMUKHABHAI
(61) Patent of Addition to Application Number	:NA	3)NAIK SHARDUL ARUNKUMAR
Filing Date	:NA	4)PANDYA NILAY BHARTENDU
(62) Divisional to Application Number	:NA	5)PATEL HIREN MANHARBHAI
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a liquid oral spray composition comprising combination of antiallergic, cough suppressant and nasal decongestant useful for management of dry or non-productive cough, cough associated with viral or bacterial inflammation of upper respiratory tract, sinusitis, laryngitis, tracheitis and pharyngitis. Also disclosed herein is a spray dispenser that delivers the said composition in the form of fine droplets for easy delivery even to the paediatrics.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.558/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : TERMINATION PITCH ADJUSTABLE TRANSMISSION SHAFT ASSEMBLY FOR MOVING CONTACT IN LV SWITCHGEAR PRODUCTS

(51) International classification	:H01H31/02; H01R4/50	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House Ballard Estate Mumbai 400 001 State of Maharashtra India.
(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)PATIL Rohit Naresh;
Filing Date	:NA	2)THAKUR Pankaj Dattatraya;
(87) International Publication No	: NA	3)FEGADE Pramod L
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a termination pitch adjustable transmission shaft assembly for moving contact in lv switchgear products. The assembly comprises a cassette means, plurality of rotor means (1) and coupler means (13). The rotor means (1) comprises a male feature (5) and a female feature (6) adapted to be operatively engaged with an identical or substantially identical female feature (6) and male feature (5) of another rotor means respectively so as to form transmission shaft means of a switch. The coupler means (13) comprises a male feature (5) and a female feature (6) adapted to be operatively engaged with proximate pole means such that termination pitch adjustable transmission shaft being formed ensuring wide range of termination pitch.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.558/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITIONS OF N-BENZYL-3-(4-CHLOROPHENYL)-2-[METHYL-[2-OXO-2-(3,4,5-TRIMETHOXYPHENYL) ACETYL]AMINO]-N-[3-(4-PYRIDYL)-1-[2-[4-PYRIDYL)ETHYL]PROPANAMIDE AND USES THEREOF

(51) International classification	:A61K 31/4409
(31) Priority Document No	:60/241,435
(32) Priority Date	:11/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048367
Filing Date	:10/09/2010
(87) International Publication No	:WO/2011/031926
(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
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(72)**Name of Inventor :**
1)GROSSMAN, TRUDY, H.
2)LOCHER, CHRISTOPHER

(57) Abstract :

The present invention relates to compositions of N-benzyl-3-(4-chlorophenyl)-2-[methyl-[2-oxo-2-(3,4,5-trimethoxyphenyl)acetyl]amino]-N-[3-(4-pyridyl)-1-[2-(4-pyridyl)ethyl]propyl]propanamide (Timcodar) useful for the treatment of patients with mycobacterium infections such as Mycobacterium tuberculosis. The invention also provides methods of treating patients with tuberculosis.

No. of Pages : 33 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.559/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR PREPARING PYRIMIDINE DERIVATIVES USEFUL AS PROTEIN KINASE INHIBITORS

(51) International classification	:C07D 487/14
(31) Priority Document No	:61/245,769
(32) Priority Date	:25/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050132
Filing Date	:24/09/2010
(87) International Publication No	:WO/2011/038185
(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)CHARRIER, JEAN-DAMIEN
2)DURRANT, STEVEN
3)KAY, DAVID

(57) Abstract :

A method of preparing a compound represented by Structural Formula (I), or a pharmaceutically acceptable salt thereof, wherein the variables of Structural Formula (I) are as described in the specification and claims, comprises the step of: a) cyclizing a compound represented by Structural Formula (A) under suitable reductive cyclisation conditions to form a compound represented by Structural Formula (B) wherein R10 is LG1 or -X1R1, and -LG1 is a suitable leaving group; and b) optionally, when R10 of Structural Formula (B) is LG1, further comprising the step of replacing the -LG1 of Structural Formula (B) with -X1R1 to form the compound represented by Structural Formula (I).

No. of Pages : 101 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.544/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FILTER FOR FILTERING FLUIDS

(51) International classification :B01D 46/52
(31) Priority Document No :10 2009040202.0
(32) Priority Date :07/09/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/063133
Filing Date :07/09/2010
(87) International Publication No :WO/2011/027001
(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)MANN+HUMMEL GMBH
Address of Applicant :HINDENBURGSTR. 45, 71638
LUDWIGSBURG, GERMANY.
(72)**Name of Inventor :**
1)MBADINGA-MOUANDA, GELASE
2)GEHWOLF, KLAUS

(57) Abstract :

The invention relates to a filter for filtering fluids, in particular gases, more particularly intake air, fuel, urea solution or engine oil, particularly of an internal combustion engine, particularly of a motor vehicle, or ambient air for introduction into ventilation systems of buildings or vehicles, comprising a filter element (1) made of a filter medium (106) pleated in a zigzag manner, with a raw side (105) and a clean side (104). On the raw side (105), a plurality of elongated depressions (656) are formed in the filter medium (14; 106), which extend between raw-side pleat tips (102a) and raw-side pleat bases (103a) approximately perpendicular to pleat edges (F) of the filter medium (106) and implement corresponding elevations (658) on the clean side (104) such that, in a raw-side pleat intermediate space (148a), in each case, two depressions (656) on the two medium sections (120) delimiting the pleat intermediate space (148a) are located directly opposite of each other and each form a flow channel (660).

No. of Pages : 59 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.556/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND MEANS FOR A THROWABLE GAMING CONTROL

(51) International classification	:A63F 13/02
(31) Priority Document No	:09172022.7
(32) Priority Date	:02/10/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/063967
Filing Date	:22/09/2010
(87) International Publication No	:WO/2011/039086
(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)BALL-IT OY

Address of Applicant :UUSIKATU 24 G 76, FI-90100 OULU, FINLAND.

(72)Name of Inventor :

1)VAANANEN, JOHANNES

(57) Abstract :

The invention relates to a throwable gaming control (710) used in motion controlled games. In particular, the invention relates to improving the sensory performance of a throwable gaming control, when the gaming control is actually airborne during a motion controlled game. A throwable gaming control for controlling at least one event in a computer game, comprising at least one magnetic sensor(110) and at least one acceleration sensor (120) is in accordance with the invention and is characterised in that: at least one acceleration sensor(120) is arranged to the center of gravity of the game control and/or to the proximity of the center of gravity of the gaming control and at least one magnetic sensor (110) is arranged to a position of least internal magnetic noise, and/or a position of low internal magnetic noise. The best mode of the invention is considered to be the combination of an acceleration sensor (120) in the centre of gravity of a wireless spherical mouse that in addition houses a magnetic sensor (110) in a magnetic noise free position. This sphericalmouse can be used to play for example basketball with realbasketball like movements in a computer game(70).

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.557/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IMPROVED RIVETING PRESS TOOL ASSEMBLY

(51) International classification	:B21J 15/10	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L & T House Ballard Estate Mumbai
(32) Priority Date	:NA	400 001 State of Maharashtra India.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SHINDE Prasad Raosaheb;
Filing Date	:NA	
(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	

(57) Abstract :

The present invention relates to an improved riveting press tool assembly. The assembly comprises holder plate means (2), stack means (1), and stopper pin means (1). The stopper pin means (1) having a predetermined height which is operatively arranged on the holder plate means (2) and/or the height of stopper pin means (1) being operatively kept more than the predetermined height of stack means (3) so as to retain position of a known magnet in the assembly and not allowing movement of said stack means (3) with a known slide means.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.566/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ASYNCHRONOUS GENERATOR SYSTEM AND WIND TURBINE WITH AN ASYNCHRONOUS GENERATOR SYSTEM

(51) International classification	:H02P 9/00,F03D 9/00
(31) Priority Document No	:102009037330.6
(32) Priority Date	:14/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/061863
Filing Date	:15/08/2010
(87) International Publication No	:WO/2011/018527
(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)SUZLON ENERGY GMBH
Address of Applicant :KURT-DUNKELMANN-STR.5, 18057
ROSTOCK DE Germany
(72)**Name of Inventor :**
1)RAFOTH, AXEL

(57) Abstract :

The present invention relates to an asynchronous generator system for a wind turbine, and a wind turbine having such a system, and the method for operating and starting up such a wind turbine. The asynchronous generator system is thereby designed very simply and thus inexpensively and is able to absorb wind gusts and the associated speed increases.

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.540/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BIT ASSEMBLY FOR A DOWN-THE-HOLE HAMMER DRILL

(51) International classification	:E21B 4/14
(31) Priority Document No	:2009/05462
(32) Priority Date	:05/08/2009
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2010/053549
Filing Date	:05/08/2010
(87) International Publication No	:WO/2011/016005
(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)GIEN, BERNARD LIONEL
Address of Applicant :NOS 2 AND 4 SIMBA STREET,
SEBENZA, EDENVALE 1610, GAUTENG, SOUTH AFRICA.
(72)**Name of Inventor :**
1)GIEN, BERNARD LIONEL

(57) Abstract :

The invention provides for a down-the-hole drill bit (11) assembly comprising a drill bit (11) having a screw-thread (7) at its anvil end, external splines on the drill shank (13) and cooperating splines (9) within a drill casing as well as a co-operating screw thread (7) carried by a component within the casing. The assembly is arranged to have engagement of the splines (9) with the screw threads (7) disengaged for driving the drill and to have the screw threads (7) engaged and splines (9) disengaged to permit removal of the bit from the assembly.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.542/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : WALL MOUNTED SPEED REGULATOR FOR A BLDC MOTOR DRIVEN CEILING FAN

(51) International classification	:H02H7/122; H02P27/00	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant :POWAI, MUMBAI 400076 MAHARASHTRA, INDIA.
(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)ANAND SANDEEP
Filing Date	:NA	2)FERNANDES BAYTON GODFREY
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Wall mounted speed regulator for a BLDC motor driven ceiling fan. The regulator (1) comprises an AC-DC converter (2) mounted on a wall and connected to an AC supply (3) and to a DC controller (4) provided with a speed controller knob (5). A DC-AC converter (6) is mounted in the housing of the BLDC motor (7) and connected to the AC-DC converter by cables (8) and to the BLDC motor by cables (9)

No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.550/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : BIODEGRADABLE PRODUCT OBTAINED FROM COMPOUNDS OF THERMOPLASTIC POLYMERS

(51) International classification

:C08L53/02

(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

:N/A

(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)TECNOFILM S. P. A.

Address of Applicant :VIA FRATTE, 6968, I-63019 SANT
ELPIDIO A MARE(FM), ITALY.

(72)Name of Inventor :

1)CARDINALI BRUNO

(57) Abstract :

A biodegradable product obtained from compounds of thermoplastic polymers is described, comprising: a styrenic block copolymer, a plasticizer, and a biodegradation catalyst, in which the plasticizer is a natural oil and the biodegradation catalyst is a yeast

No. of Pages : 12 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.571/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : OLOPATADINE COMPOSITIONS AND USES THEREOF

(51) International classification	:A61K 9/00
(31) Priority Document No	:61/247,618
(32) Priority Date	:01/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/051062
Filing Date	:01/10/2010
(87) International Publication No	:WO/2011/041640
(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)ALCON RESEARCH, LTD.

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(72)Name of Inventor :

1)SCHNEIDER, L., WAYNE

2)HAN, WESLEY, WEHSIN

3)CHOWHAN, MASOOD, A.

(57) Abstract :

The invention provides solution compositions comprising olopatadine and a PDE4 inhibitor compound of Formula (I). The invention also provides methods for treating allergic and inflammatory diseases. More particularly, the present invention relates to formulations of olopatadine and their use for treating and/or preventing allergic or inflammatory disorders of the eye, nose, skin, and ear.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.572/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL NPR-B AGONISTS

(51) International classification	:A61K 38/22
(31) Priority Document No	:61/245,960
(32) Priority Date	:25/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/049912
Filing Date	:23/09/2010
(87) International Publication No	:WO/2011/038061
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)OSTERKAMP, FRANK

2)HAWLISCH, HEIKO

3)HUMMEL, GERD

4)KNAUTE, TOBIAS

5)REIMER, ULF

6)REINEKE, ULRICH

7)RICHTER, UWE

8)SIMON, BERNADETT

9)SPECKER, EDGAR

10)WOISCHNIK, MARKUS

11)HELLBERG, MARK, R.

(57) Abstract :

Disclosed are novel compounds having NPR-B agonistic activity. Preferred compounds are linear peptides containing 8-13 conventional or non-conventional L- or D- amino acid residues connected to one another via peptide bonds.

No. of Pages : 145 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.580/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A CURVE OF MAXIMUM ALLOWABLE ENGINE TORQUE FOR CONTROLLING A COMBUSTION ENGINE

(51) International classification	:F02D 41/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2009/000404
Filing Date	:11/09/2009
(87) International Publication No	:WO/2011/031191
(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)VOLVO LASTVAGNAR AB
Address of Applicant :S-405 08 GOETEBORG, SWEDEN .
(72)**Name of Inventor :**
1)HEDMAN, ANDERS
2)SUNDIN, LARS

(57) Abstract :

A curve (2, 3, 4) of maximum allowable engine torque as a function of engine rotational speed for controlling a combustion engine, where a combustion engine control unit is arranged to control output torque and engine rotational speed as not to exceed said curve, and where said curve is defined by a torque build up range (n0 to ni), constant power range (n2 to 113) and a torque ramp down range (n3 to n4). Said torque ramp down range is defined so that the engine rotational speed at high engine power is reduced, while high engine rotational speeds are allowed at low engine power.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.569/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PRODRUGS OF GUANFACINE

(51) International classification :C07K 279/22

(31) Priority Document No :0916163.9

(32) Priority Date :15/09/2009

(33) Name of priority country :GB

(86) International Application No :PCT/GB2010/051544

Filing Date :15/09/2010

(87) International Publication No :WO/2011/033296

(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)SHIRE LLC

Address of Applicant :9200 BROOKFIELD COURT,
FLORENCE, KENTUCKY 41042 UNITED STATES OF
AMERICA.

(72)Name of Inventor :

1)FRANKLIN, RICHARD

2)TYSON, ROBERT, G.

3)GOLDING, BERNARD, T.

4)WHOMSLEY, RHYS

(57) Abstract :

Prodrugs of guanfacine with, amino acids or short peptides ,pnannaceutical compositions containing such prodrugs and a method for providing therapeutic benefit in the treatment of ADHD/ODD (attention deficient hyperactivity disorder and oppositional defiance disorder) with guanfacine prodrugs are provided herein. Additionally, methods for minimizing or avoiding the adverse gastrointestinal side effects associated with guanfacine administration, as well as improving the pharmacokinetics of guanfacine are provided herein.

No. of Pages : 83 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.570/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SEARCH AND RESCUE USING ULTRAVIOLET RADIATION

(51) International classification	:B63C 9/20,G01S 1/70
(31) Priority Document No	:12/554,527
(32) Priority Date	:04/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046285
Filing Date	:23/08/2010
(87) International Publication No	:WO/2011/028463
(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)RAYTHEON COMPANY
Address of Applicant :870 WINTER STREET WALTHAM, MA 02451-1449 UNITED STATES OF AMERICA.

(72)**Name of Inventor :**
1)WITZEL, JOHN GEORGE
2)DOLGIN, BENJAMIN, P.
3)COTTEN, STEVEN
4)BRENNAN, MICHAEL, ANDREW
5)GUTIERREZ, JORGE
6)SULIGA, WILLIAM

(57) Abstract :

A system for search and rescue includes a rescue beacon including a radiation source to emit radiation, at least a portion of which includes ultraviolet c-band radiation, and an ultraviolet c-band detector to detect the ultraviolet c-band radiation to enable locating of the rescue beacon.

No. of Pages : 23 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.592/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR TREATMENT OF A SEMIMANUFACTURED PRODUCT MADE OF LEATHER OR SIMILAR MATERIAL AND ITEM RESULTING THEREOF

(51) International classification	:C14C 11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT2009/000445
Filing Date	:01/10/2009
(87) International Publication No	:WO/2011/039786
(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)CONCERIA STEFANIA S.P.A.
Address of Applicant :VIALE MAGENTA, 159 20022
CASTANO PRIMO (MILAN), ITALY.
(72)**Name of Inventor :**
1)RAMPONI, ANGELO

(57) Abstract :

The present invention relates to a method for the treatment of a semimanufactured product made of leather or similar material. The method comprises the steps of : providing the semimanufactured product to be treated; - preparing a treatment solution comprising a binder solution and silver in granules; - applying the treatment solution to at least one surface of said semimanufactured product to be treated. The binder solution comprises natural proteins in aqueous solution. The present invention also relates to an item produced from a semimanufactured product made of leather or similar material treated with the aforesaid method.

No. of Pages : 26 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.594/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SURFACE MODIFYING COMPOSITIONS

(51) International classification	:D06M 13/513
(31) Priority Document No	:61/238,250
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047295
Filing Date	:31/08/2010
(87) International Publication No	:WO/2011/026093
(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)LALGUDI , RAMANATHAN ,S.

2)CAIN , ROBERT , J.

(57) Abstract :

A surface modifying composition comprises an amphiphilic compound which is non-cellulose based, the amphiphilic compound including a covalently linked ionic moiety with the following formula: where M= metal oxide or binary metal oxide, A₁ is selected from compounds with surface energy greater than or equal to 25 dynes cm⁻¹, A₂ is selected from compounds with surface energy greater than or equal to 12 dynes cm⁻¹, A₃ is selected from compounds having more than one reactive functional group, x = NH₂, NHR or NR₂ (R= methyl, ethyl, propyl or isopropyl), y= COOH, SO₃H or PO₃H, and R= H or halogen; and where one of the A₁ -x, A₂, or A₃-y may be replaced by a second O-R.

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.611/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HIGH TEMPERATURE OPERATION INDUCTIVE POSITION SENSING DEVICE

(51) International classification	:G01D 5/20,H03K 17/95
(31) Priority Document No	:0915670.4
(32) Priority Date	:08/09/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/051490
Filing Date	:07/09/2010
(87) International Publication No	:WO/2011/030142
(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)PERCEPTION SENSORS & INSTRUMENTATION LTD
Address of Applicant :1 TOWER CLOSE, GREEN LANE,
DONCASTER DN5, 7UP UNITED KINGDOM.
(72)**Name of Inventor :**
1)HYDE, JOHN

(57) Abstract :

There is disclosed a position sensing device comprising: i) a cylindrical core (12) having a longitudinal axis; ii) at least three discs or flanges (16 - 19) mounted about the longitudinal axis of the core; and iii) conductive wire coil windings (13 - 15) around the longitudinal axis between each adjacent pair of discs or flanges, to define at least a first coil (14) between a first pair (17, 18) of discs or flanges and a second coil (15) between a second pair (18, 19) of discs or flanges. The conductive wire of each coil winding comprises a conductive metal with a substantially dielectric oxide or ceramic coating, and the discs or flanges are made of non-polymeric material. By avoiding the use of polymeric components, the device can be used at very high temperatures without requiring a separate cooling arrangement.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.549/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ARC CHUTE ASSEMBLY AND METHOD THERE OF

(51) International classification	:H01H73/18; H01H9/02; H01	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI - 400 001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)RAHUL AMBRISH
(33) Name of priority country	:NA	2)SHIRISH DATTATRAY GAIKWAD
(86) International Application No	:NA	3)PRIYANKA SHARMA
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an arc chute assembly for a switching device. The arc chute assembly as of a plurality of differentially varied arc plates which are incrementally configured in the assembly. The assembly helps in achieving higher arc lengths and higher arc voltage. Achieving higher arc voltage helps the arc to quench faster.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.555/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : THERAPEUTIC CANCER VACCINE

(51) International classification	:A61K39/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CADILA PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :Cadila Corporate Campus□ Sarkhej
(33) Name of priority country	:NA	Dholka Road Bhat Ahmedabad 382210 Gujarat India .
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KHAMAR Bakulesh Mafatlal
(87) International Publication No	: NA	2)DESAI Nirav Manojkumar
(61) Patent of Addition to Application Number	:NA	3)SHUKLA Chandreshwar Prasad
Filing Date	:NA	4)DARJI Avni Devenbharii
(62) Divisional to Application Number	:NA	5)MODI Indravadan Ambalal
Filing Date	:NA	

(57) Abstract :

The present invention relates to vaccine(s) comprising cancer cells expressing antigen(s), excipients, optionally adjuvant wherein the said antigen(s) is expressed on contacting the said cancer cell with p38 inducer, for use in treatment of Cancer. The vaccine composition induces specific immune response against homologous and heterologous cancer cells of the tissue /organ. The invention also provides method of preparing the same.

No. of Pages : 36 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.555/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A-FUCOSYLATION DETECTION IN ANTIBODIES

(51) International classification	:G01N 33/68
(31) Priority Document No	:09172130.8
(32) Priority Date	:02/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/064291
Filing Date	:28/09/2010
(87) International Publication No	:WO/2011/039150
(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) JAEGER, CHRISTIANE
2) KOLL, HANS
3) SONDERMANN, PETER
4) UMANA, PABLO

(57) Abstract :

This invention describes a new analytical method to determine the quantity and distribution of fucose per Fc within an antibody preparation.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.567/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ELECTROMAGNETIC DETECTION OF ANALYTES

(51) International classification	:G01F 1/64,C25B 9/00
(31) Priority Document No	:61/247,227
(32) Priority Date	:30/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050972
Filing Date	:30/09/2010
(87) International Publication No	:WO/2011/041586
(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)CLARE, BRIAN, H.

2)ETHERINGTON, EDWARD, J.

(57) Abstract :

Disclosed herein are functionalized electrodes and biosensors that can be used to detect biomolecules, such as a target analyte. In some embodiments, a functionalized electrode includes an electrically conducting surface, a first thiol compound and a second thiol compound. Also provided are kits and biosensor arrays including one or more disclosed functionalized electrodes and/or biosensors. Moreover, systems and methods for detecting biomolecules, such as a target analyte, with the disclosed functionalized electrodes and/or biosensors are also provided.

No. of Pages : 92 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.568/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : STABILIZED MELANOCORTIN LIGANDS

(51) International classification	:C07K 7/08
(31) Priority Document No	:61/238,625
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047108
Filing Date	:30/08/2010
(87) International Publication No	:WO/2011/026015
(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)TENSIVE CONTROLS, INC.

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GREENSBORO, NORTH CAROLINA 27455 UNITED STATES
OF AMERICA.

(72)Name of Inventor :

1)GRUBER, KENNETH A.

(57) Abstract :

Compositions and methods are disclosed for a non-naturally occurring melanocortin ligand comprised of a melanocortin analog coupled to a degradation-resistant C-terminal extension and, optionally, an N-terminal extension, to produce a stable melanocortin ligand having diminished or abolished cardiovascular activity while retaining desired melanocortin regulatory activity.

No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.583/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ABRASIVE ARTICLES INCLUDING ABRASIVE PARTICLES BONDED TO AN ELONGATED BODY

(51) International classification	:B23D 61/18
(31) Priority Document No	:61/234,202
(32) Priority Date	:14/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045643
Filing Date	:16/08/2010
(87) International Publication No	:WO/2011/020105
(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)SAINT-GOBAIN ABRASIVES, INC.
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2)SAINT-GOBAIN ABRASIFS
(72)**Name of Inventor :**
1)LIEBELT, SUSANNE
2)TESI, VINCENT
3)VON BENNIGSEN-MACKIEWICZ, THEODOR

(57) Abstract :

An abrasive article comprising an elongated body, a bonding layer overlying a surface of the elongated body, and abrasive grains contained within the bonding layer at an average abrasive grain concentration within a range between about 0.02 ct/m and about 0.30 ct/m.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.615/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATMENT OF NEUROPATHIC PAIN

(51) International classification	:C12Q1/68,C12N15/11	(71) Name of Applicant :
(31) Priority Document No	:61/239,065	1)RUTGERS THE STATE UNIVERSITY OF NEW JERSEY
(32) Priority Date	:02/09/2009	Address of Applicant :OLD QUEENS, SOMERSET STREET,
(33) Name of priority country	:U.S.A.	NEW BRUNSWICK, NJ 08903 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2010/047657	(72) Name of Inventor :
Filing Date	:02/09/2010	1)YU LEI
(87) International Publication No	:WO/2011/028890	2)GUO NING
(61) Patent of Addition to Application Number	:NA	3)ZHANG YU-QUI
Filing Date	:NA	4)ZHAO ZHI-QI
(62) Divisional to Application Number	:NA	5)JING NAIHE
Filing Date	:NA	

(57) Abstract :

The present invention relates to compounds, compositions, methods, systems and kits for treating neuropathic pain regulated by SIP30. The present invention provides SIP30 antagonists for the treatment of neuropathic pain.

No. of Pages : 61 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.616/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SECONDARY PACKAGING COMPRISING A PLURALITY OF ARTICLES OR CONTAINERS AND METHOD FOR PRODUCING SUCH A PACKAGE

(51) International classification	:B65D 71/02
(31) Priority Document No	:10 2009 044 271.5
(32) Priority Date	:16/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/065638
Filing Date	:18/10/2010
(87) International Publication No	:WO/2011/045440
(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)KRONES AG

Address of Applicant :BOEHMERWALDSTRASSE 5, 93073 NEUTRAUBLING, GERMANY.

(72)Name of Inventor :

1)HERR KURT PERL

2)HERR MICHAEL HARTL

(57) Abstract :

The invention relates to a secondary packaging (10), comprising at least two articles connected to each other, such as PET containers (12), which are held together by means of at least one tape- or strip-shaped, closed strap (18) that is tensioned horizontally around an outer face (16) of the articles or PET containers (12). The strap is formed by means of one, two or more identical or different tapes (20) made of plastic or a composite material, which at the ends thereof are glued and/or welded to each other in an overlapping manner forming an integral or multi-part contact point (22). At the contact point (22), or removed therefrom, at least one relief loop (30) is designed on the strap (18). The invention further relates to a method for producing a secondary packaging that is provided with a strap (18), which is applied using the following steps: inserting the tape (20) in a frame that is placed around the secondary packaging (10), clamping the tape (20) in at least one point, forming a relief loop (30) in the direct vicinity of the clamping point, pulling back the non-clamped tape section and tensioning the tape (20), clamping the tape sections in the region of the relief loop (30), welding the tape sections located one on top of the other, and releasing the strap tape (18).

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.620/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PARTICLE TRAP AND FILTER DEVICE COMPRISING A PARTICLE TRAP

(51) International classification	:F02M35/022,B01D45/04	(71)Name of Applicant :
(31) Priority Document No	:PCT/SE2009/000408	1)VOLVO LASTVAGNAR AB
(32) Priority Date	:14/09/2009	Address of Applicant :S-405 08 GOETEBORG, SWEDEN .
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCTSE2010/000224	1)ETEMAD SASSAN
Filing Date	:14/09/2010	2)RYRHOLM REIMER
(87) International Publication No	:WO2011/031205	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a particle trap (100) for removing particles from a fluid (90), comprising a conduit (10), the conduit (10) comprising (i) a wall (16); (ii) a bended region (20) with at least one bend (200), the bended region (20) having an upstream side (20a) and a downstream side (20b) with respect to a longitudinal flow direction (70) of the fluid (90) along the conduit (10); (iii) an inlet (12) at the upstream side (20a) of the bended region (20); (iv) at least one first outlet (40) at the downstream side (20b) of the bended region (20); (v) at least one second outlet (50) at the downstream side (20b) or downstream of the bended region (20); (vi) wherein the least one first outlet (40) is arranged in a first region (26), at a distance from the wall (16), where during operation of the conduit (10) the concentration of particles in the fluid (90) is lower than in the vicinity of the wall (16) during operation; (vii) wherein the least one second outlet (50) is arranged in the vicinity of the wall (16) where during operation of the conduit (10) the concentration of particles is higher than where the at least one first outlet (40) is arranged; (viii) wherein the at least one first outlet (40) is arranged in a region (300) of the conduit (10) where during operation of the conduit (10) a separation between the fluid (90) with high particle concentration and the fluid (90) with low particle concentration is dominated by a swirl movement of the fluid (90) about the longitudinal flow direction (70) in the conduit (10); and (ix) wherein the at least one first outlet (40) is arranged in a substantially central region (82, 82a, 82b) of a swirl (80, 80a, 80b) generated in the fluid (90) during operation of the conduit (10).

No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.581/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION FOR PERORAL ADMINISTRATION OF DIINDOLYLMETHANE

(51) International classification	:A61K 31/404
(31) Priority Document No	:2009134872
(32) Priority Date	:18/09/2009
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2010/000487
Filing Date	:07/09/2010
(87) International Publication No	:WO/2011/034465
(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)ZAKRYTOE AKTSIONERNOE OBSHESTVO VELES FARMA

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(72)Name of Inventor :

1)KISELEV, VSEVOLOD IVANOVICH

2)VASSILIEVA, IRINA GENNADIEVNA

(57) Abstract :

The invention relates to the field of pharmaceuticals. The invention describes block copolymer pharmaceutical compositions containing 3,3-diindolylmethane (DIM). A pharmaceutical composition for peroral administration comprises 3,3-diindolylmethane as active ingredient and a target additive, wherein said composition comprises, as target additive, a block copolymer of oxyethylene and oxypropylene, in which the hydrophobic block content is less than 50% by mass, and the molecular mass of the hydrophilic block is 2250 Da or more, given a ratio of active ingredient to the selected block copolymer of 10:1-2:1. The compositions improve the absorption of the active compound in the bloodstream when said active compound is administered perorally.

No. of Pages : 26 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.595/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL ASSAY FOR THE DETECTION OF AMYLOID BETA PEPTIDES

(51) International classification :G01N 33/536

(31) Priority Document No :61/243,604

(32) Priority Date :18/09/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP2010/063664

Filing Date :17/09/2010

(87) International Publication No :WO/2011/033046

(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)PROBIODRUG AG

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HALLE/SAALE GERMANY.

(72)Name of Inventor :

1)KLEINSCHMIDT , MARTIN

2)GOETTLICH , CLAUDIA

3)DEMUTH , HANS-ULRICH

(57) Abstract :

The present invention pertains to a novel method for detection of A β peptides, in particular in plasma, and to the use of A β peptides for diagnosis of Alzheimers disease.

No. of Pages : 68 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.596/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HBV ANTISENSE INHIBITORS

(51) International classification	:A61K 31/7115
(31) Priority Document No	:61/252,380
(32) Priority Date	:16/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052911
Filing Date	:15/10/2010
(87) International Publication No	:WO/2011/047312
(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)HAMATAKE , ROBERT

(57) Abstract :

Antisense oligomers useful for modulating hepatitis B virus infections, and for the treatment of hepatitis B virus (HBV) and hepatitis B virus-related conditions in animals including humans. More particularly, antisense oligomers with modified nucleotides for treatment of HBV in animals, more particularly antisense oligomers comprising 2O-4C- methylene-bridged sugars, or nucleotides with other 2O-4C bridged sugars, also known as locked nucleic acids (LNA), for treatment of HBV in animals, and more particularly for treatment of HBV in humans.

No. of Pages : 57 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.612/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHOTOCHEMICAL PROCESS FOR PRODUCING ARTEMISININ

(51) International classification	:C07D493/22,C07C69/96	(71)Name of Applicant :
(31) Priority Document No	:09305805.5	1)SANFOI
(32) Priority Date	:01/09/2009	Address of Applicant :54 RUE LA BOETIE F-75008 PARIS
(33) Name of priority country	:EUROPEAN UNION	FRANCE.
(86) International Application No	:PCT/EP2010/062811	(72)Name of Inventor :
Filing Date	:01/09/2010	1)DHAINAUT JILDAZ
(87) International Publication No	:WO/2011/026865	2)DLUBALA ALAIN
(61) Patent of Addition to Application	:NA	3)GUEVEL RONAN
Number	:NA	4)MEDARD ALIAN
Filing Date	:NA	5)RAYMOND NICOLAS
(62) Divisional to Application Number	:NA	6)TURCONI JOEL
Filing Date	:NA	7)ODDON, GILLES

(57) Abstract :

Provided is a new photochemical process for preparing artemisinin. Also provided are certain dihydroartemisinic acid derivatives useful for preparing artemisinin.

No. of Pages : 36 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.613/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : POLYCONDENSATION CATALYST FOR PRODUCING POLYESTER AND METHOD FOR PRODUCING POLYESTER USING THE SAME

(51) International classification	:C08G 63/82
(31) Priority Document No	:2009-212938
(32) Priority Date	:15/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/066107
Filing Date	:10/09/2010
(87) International Publication No	:WO/2011/034156
(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)TABATA KEIICHI

2)KAMON AKIHIRO

3)NAITO JUN

4)IKEGAWA KEIICHI

(57) Abstract :

Disclosed is a polycondensation catalyst for the production of polyesters by an esterification reaction or a transesterification reaction between dicarboxylic acid or an ester-forming derivative of the same, and glycol. In order to obtain the polycondensation catalyst a water-soluble titanium compound is hydrolyzed, in the absence of a water-soluble alkali, in an aqueous slurry having solid base particles dispersed therein, and a coating layer is formed on the surfaces of the solid base particles. The coating layer comprises, in terms of TiO₂, 0.1-50 parts by weight of titanate acid per 100 parts by weight of solid bases. Also disclosed are a method for producing the polycondensation catalyst, and polyesters obtained using the polycondensation catalyst.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.575/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEVICE FOR PRODUCING CONTAINERS FOR LIQUID

(51) International classification	:B67C 7/00
(31) Priority Document No	:10 2009 041 160.7
(32) Priority Date	:14/09/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/063202
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/029856
(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 :BOEHMERWALDSTRABE 5, 93073 NEUTRABLING, GERMANY.

(72)Name of Inventor :

1)CHRISTOPH KLENK

(57) Abstract :

The invention relates to a device for producing containers for liquid (10) comprising a shaping unit (2), for shaping plastic preforms (10) into plastic containers (20), and a filling unit (4) for filling the plastic containers with a liquid medium, wherein the filling unit (4) lies downstream in a transport direction (R) of the plastic containers relative to the shaping unit (2). The shaping unit (2) has a feeding region (22) for feeding the plastic preforms (10) and a discharging region (24) in order to discharge the plastic containers (20) from the shaping unit (2). The filling unit (4) has a feeding region (42) for feeding the plastic containers to the filling unit (4) and a discharging region (44) for discharging the plastic containers from the shaping unit (4), wherein at least one transporting device (30), which is used as an interface, lies between the discharging region (24) of the shaping unit (2) and the feeding region (42) of the filling unit (4), said transporting device transporting plastic containers at least along some sections and individually between the shaping unit (2) and the filling unit (4). The transporting device (30) is designed such that at least one further unit (6, 7) for manipulating the containers into the device can be inserted between the shaping unit (2) and the filling unit (4). Said further unit (6, 7) can be connected to the transporting device (30) such that the transport flow of the containers (20) between the shaping unit (2) and the filling unit runs via the additional unit (32).

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.587/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR THE SYNTHESIS OF ALKYL / ARALKYL (2S)-2-(TERT-BUTOXYCARBONYL)-AMINO-2-[-8-AZABICYCLO[3.2.1]OCT-3-YL]-EXO-ACETATE AND ANALOGS THEREOF: KEY INTERMEDIATES FOR THE PREPARATION OF DPPIV INHIBITORS

(51) International classification	:C07D 451/02	(71)Name of Applicant :
(31) Priority Document No	:1055/KOL/2009	1)LUPIN LIMITED
(32) Priority Date	:13/08/2009	Address of Applicant :159, CST ROAD, KALINA,
(33) Name of priority country	:India	SANTACRUZ (EAST), MUMBAI-400098, MAHARASHTRA
(86) International Application No	:PCT/IN2010/000276	India
Filing Date	:28/04/2010	(72)Name of Inventor :
(87) International Publication No	:WO/2011/018796	1)ROY, BHAIKAB, NATH
(61) Patent of Addition to Application	:NA	2)KAMBOJ, RAJENDER, KUMAR
Number	:NA	3)GEORGE, SHAJI, K
Filing Date	:NA	4)VENUGOPAL, SPINVIN, C
(62) Divisional to Application Number	:NA	5)SHANMUGVADIVELU, MUTHU, KUMARAN
Filing Date	:NA	6)SINHA, NEELIMA

(57) Abstract :

An improved process for the synthesis of intermediates like Alkyl/Aralkyl (2S)-2-(tert-butoxycarbonyl)-amino-2-[-8-azabicyclo[3.2.1]oct-3-yl]-exo-acetate and analogs thereof which are useful in the synthesis of Dipeptidyl peptidase-IV (DPPIV) inhibitors.

No. of Pages : 41 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.599/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CORROSION RESISTANT BUSHING

(51) International classification	:F16C 33/20
(31) Priority Document No	:12/549,713
(32) Priority Date	:28/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/062544
Filing Date	:27/08/2010
(87) International Publication No	:WO/2011/023794
(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)SAINT-GOBAIN PERFORMANCE PLASTICS
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WILLICH, GERMANY.
(72)**Name of Inventor :**
1)NATU PARAG

(57) Abstract :

A method of forming a corrosion resistant bushing includes bonding a sliding layer to a first surface of a load bearing substrate to form a laminate sheet and cutting a blank from the laminate sheet. The laminate sheet includes an exposed surface corresponding to a second surface of the load bearing substrate. The blank includes cut edges having a load bearing substrate portion. The method further includes forming a semi -finished bushing from the blank, and applying a corrosion resistant coating to the exposed surface and the load bearing substrate portion of the cut edges to form the corrosion resistant bushing.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.617/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A BAR COUPLER

(51) International classification	:E04C 5/18,E04C 5/16
(31) Priority Document No	:2009903830
(32) Priority Date	:14/08/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001033
Filing Date	:13/08/2010
(87) International Publication No	:WO/2011/017765
(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)YALBATON PTY LTD

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(72)Name of Inventor :

1)COMERFORD, ERNEST FREDERICK

2)RANKIN, MARK ANDREW

(57) Abstract :

A coupler or connector for joining bars, for example reinforcing bars, comprising an elongate rod member adapted to be inserted into a tubular sleeve member. The rod and sleeve members each have one or more transverse holes which align when the rod member is inserted into the sleeve member. In operational use, the rod and sleeve members are attached to the free ends of the bars to be connected. One or more transverse pins are then driven into the holes which are aligned in order to lock the rod and sleeve member together thereby connecting the bars. In another example of the invention, the pins can be spring loaded and/or the elongate rod member is adapted to be inserted into a pair of opposed sleeve members. In yet another example of the invention, there can be a plastic sleeve adapted to retain the pins in position thereby locking in place the sleeve and rod members. In another version where the pins are spring loaded, the plastic sleeve is slid off during assembly to allow the pins to engage the holes in the sleeve member(s).

No. of Pages : 34 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.619/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AUTOMATIC SILTING-REMOVING METHOD FOR SHAFT SEALING DEVICE OF CONCRETE MIXER AND DEVICE THEREOF

(51) International classification	:B28C5/08
(31) Priority Document No	:200910176764.5
(32) Priority Date	:21/09/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/074283
Filing Date	:22/06/2010
(87) International Publication No	:WO/2011/032406
(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)HUNAN SANY INTELLIGENT CONTROL EQUIPMENT CO., LTD.

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ECONOMIC AND TECHNOLOGICAL DEVELOPMENT
ZONE CHANGSHA, HUNAN 410100, CHINA .

2)SANY HEAVY INDUSTRY CO., LTD.

(72)Name of Inventor :

1)YI XIUMING

2)SHEN MINGXING

3)DAI QINGLONG

(57) Abstract :

An automatic silting-removing method for shaft sealing device of concrete mixer is provided, which is that, determining whether the silting exists by detecting the oil pressure in the lubrication passage (7) of an oil passage (320) and supplying air flow to the lubrication passage (7) to remove the silting when the determining result is positive. A device for applying the above method includes a shaft sealing part (310), an oil passage part (320), an air passage part (330) and a control part (340).

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.623/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ABRASIVE ARTICLES INCLUDING ABRASIVE PARTICLES BONDED TO AN ELONGATED BODY, AND METHODS OF FORMING THEREOF

(51) International classification :B23D61/18,B23D65/00
(31) Priority Document No :61/234,205
(32) Priority Date :14/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045647
Filing Date :16/08/2010
(87) International Publication No :WO/2011/020109
(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)SAINT-GOBAIN ABRASIVES, INC.
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2)SAINT-GOBAIN ABRASIFS
(72)Name of Inventor :
1)TIAN YINGGANG
2)DING RAN
3)SUBRAMANIAN KRISHNAMOORTHY
4)LIEBELT SUSANNE

(57) Abstract :

An abrasive article includes an elongated body, a bonding layer including a metal overlying a surface of the elongated body, and a coating layer including a polymer material overlying the bonding layer. The abrasive article further includes abrasive grains contained within the bonding layer and coating layer, and wherein the bonding layer comprises an average thickness (tbl) at least about 40% of the average grit size of the abrasive grains.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.624/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CAPPING HEAD FOR SCREWING ON SCREW CAPS

(51) International classification	:B67B3/20
(31) Priority Document No	:10 2009042147.5
(32) Priority Date	:14/09/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/005590
Filing Date	:13/09/2010
(87) International Publication No	:WO2011/029616
(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)CLOSURE SYSTEMS INTERNATIONAL
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Address of Applicant :MAINZER STRASSE 185, 67547
WORMS GERMANY.

(72)Name of Inventor :

1)SCHWARZ WOLFHARD

(57) Abstract :

The invention relates to a capping head (1) for screwing screw caps (31, 33) onto receptacles, in particular bottles, comprising a central axis (3) and a capping cone (7) that has a cavity (5) holding the screw cap (31, 33) and that has a toothed profile (9), the teeth (11) of which substantially point in the direction of the central axis (3). The cavity (5) has an opening (19). A root diameter of the toothed profile (9) lies on a first imaginary annular surface (13), while a tip diameter of the toothed profile lies on a second imaginary annular surface (15), said first and second annular surfaces (13, 15) being concentric to the central axis (3). The second annular surface (15) and the central axis (3) enclose a first angle α , while a diameter of the capping cone (7) increases in the direction of the opening (19). According to the invention, the first annular surface (13) and the second annular surface (15) enclose a second angle $> 0^\circ$.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.635/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TERMINAL DEVICE AND RETRANSMISSION CONTROL METHOD

(51) International classification	:H04W 28/04,H04L 1/00
(31) Priority Document No	:2009-230727
(32) Priority Date	:02/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004881
Filing Date	:03/08/2010
(87) International Publication No	:WO/2011/039923
(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)PANASONIC CORPORATION

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(72)Name of Inventor :

1)NAKAO, SEIGO

2)NISHIO, AKIHIKO

3)HORIUCHI, AYAKO

4)IMAMURA, DAICHI

(57) Abstract :

Provided are a terminal device and a retransmission control method that make it possible to minimize increases in overhead in an uplink control channel (PUCCH), even if channel selection is used as the method to transmit response signals during carrier-aggregation communication using a plurality of downlink unit bands. On the basis of the generation status of uplink data and error-detection results obtained by a CRC unit (211), a control unit (208) in the provided terminal (200) uses response signal transmission rules to control the transmission of response signals or uplink control signals that indicate the generation of uplink data. If an uplink control signal and a response signal are generated simultaneously within the same transmission time unit, the control unit (208) changes the resources allocated to the response signal and/or the phase point of the response signal in accordance with the number and position of ACKs within the error-detection result pattern.

No. of Pages : 94 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.636/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : WATER-IN-OIL-TYPE EMULSION SKIN COSMETIC

(51) International classification :A61K8/893,A61K8/86
(31) Priority Document No :221121
(32) Priority Date :25/09/2009
(33) Name of priority country :Argentina
(86) International Application No :PCT/JP2010/066361
Filing Date :22/09/2010
(87) International Publication No :WO2011/037123
(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)SHISEIDO COMPANY, LTD.
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(72)Name of Inventor :
1)SASAKI KAZUTAKA
2)OMURA TAKAYUKI

(57) Abstract :

Disclosed is a skin cosmetic in which the emulsion stability can be ensured even when the skin cosmetic is prepared by adding a volatile hydrocarbon oil to a water-in-oil-type emulsion composition containing a non-volatile silicone oil, and which has an excellent non-oily sensation upon application. Specifically disclosed is a water-in-oil-type emulsion skin cosmetic which is characterized by comprising (A) 3 to 25% mass of a volatile hydrocarbon oil, (B) 0.1 to 15% by mass of a non-volatile silicone oil, (C) 0.1 to 1% by mass of a polyethylene glycol mono- or di-isostearate having 4 to 12 oxyethylene groups, (D) 0.1 to 5% by mass of a polyoxyethylene-polydimethylsiloxoethyl-dimethicone copolymer, and (E) an organically-modified clay mineral.

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.637/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PROCESS FOR THE SYNTHESIS OF NARATRIPTAN

(51) International classification :C07D 401/04
(31) Priority Document No :1931/MUM/2009
(32) Priority Date :20/08/2009
(33) Name of priority country :India
(86) International Application No :PCT/GB2010/001562
Filing Date :18/08/2010
(87) International Publication No :WO/2011/021000
(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)CIPLA LIMITED

Address of Applicant :MUMBAI CENTRAL, MUMBAI - 400 008, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)RAO DHARMARAJ RAMACHANDRA

2)KANKAN RAJENDRA NARAYANREO

3)CHIKHALIKAR SANDIP VASANT

4)GHAGARE MARUTI

(57) Abstract :

The present invention relates to a process for preparing naratriptan or a salt thereof, the process comprising: (a) reacting a compound of formula (3) with a compound of the formula HCCR wherein Z is a protecting group, Y is a leaving group and R is a trialkyl silyl group, a trialkylstannyl group or a zinc (II) halide, to obtain the compound of formula (4); (b) converting the compound of formula (4) to a compound of formula (5) wherein Z is hydrogen or a benzyl group; (c) converting the compound of formula (5) to naratriptan; and (d) optionally converting naratriptan to a salt thereof. The present invention also provides novel compounds (3) and (4) and processes for their preparation.

No. of Pages : 51 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.653/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD FOR PURIFICATION OF DRINKING WATER USING NANO FERRITE FILTER COMPRISING NONWOVEN FABRIC COATED WITH ULTRAFINE PARTICLES FERROMAGNETIC FERRITE,A METHOD FOR STERILIZATION OF HARMFUL BACTERIA CONTAINED IN DRINKING WATER USING NANO FERRITE FILTER COMPRISING NONWOVEN FABRIC COATED WITH ULTRAFINE PARTICLES FERROMAGNETIC FERRITE ,AND A METHOD FOR IMPROVEMENT OF DRINKING WATER BY REMOVAL OF HAZARDOUS SUBSTANCES AND STERILIZATION USING NANO FERRITE COMPRISING NONWOVEN FABRIC COATED..... FERRITE

(51) International classification	:C02F 1/48,B01D 35/06
(31) Priority Document No	:2009-237140
(32) Priority Date	:14/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067636
Filing Date	:07/10/2010
(87) International Publication No	:WO/2011/046061
(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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2)ISHIBASHI SHINICHIRO
(72)**Name of Inventor :**
1)ISHIBASHI SHINICHIRO
2)YANAGIDAIRA SAKAN

(57) Abstract :

METHOD FOR PURIFYING DRINKING WATER USING NANOFILTER COATED WITH NANO-SIZED FERROMAGNETIC FERRITE, METHOD FOR STERILIZING HARMFUL BACTERIA CONTAINED IN DRINKING WATER USING SAID NANOFILTER, AND METHOD FOR IMPROVING DRINKING WATER BY STERILIZING AND REMOVING HARMFUL SUBSTANCES USING SAID NANOFILTER

No. of Pages : 39 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.655/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A COMPSOTION FOR PROMOTING COLLAGEN PRODUCTION

(51) International classification	:A61K 8/44,A23L 1/305
(31) Priority Document No	:2009-224743
(32) Priority Date	:29/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/066672
Filing Date	:27/09/2010
(87) International Publication No	:WO/2011/040363
(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)ASHIDA, YUTAKA
2)TOJO, YOSUKE
3)SHIMADA, SHOICHIRO
4)MIZUMOTO, CHIEKO
5)MITA, MASASHI

(57) Abstract :

Disclosed is a novel composition which has a function of accelerating production of collagen. The composition has high light stability and is free from side effects such as those of retinoids. Specifically disclosed is a collagen production accelerating composition which contains one or more compounds selected from the group consisting of D-aspartic acid, D-alanine, derivatives of D-aspartic acid or D-alanine and/or salts of D-aspartic acid or D-alanine. The composition may be used for the purpose of suppressing and/or improving skin conditions. The skin conditions may include but is not limited to photoaging and/or wrinkles. The composition may be used for an external preparation for the skin or food. The composition may be a type I collagen production accelerating composition.

No. of Pages : 72 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.646/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : APPARATUS FOR THE TREATMENT OF SOLIDS AND / OR GASES

(51) International classification :B01J8/00,B01J 8/18
(31) Priority Document No :10 2009 050 165.7
(32) Priority Date :21/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT//EP2010/006405
Filing Date :20/10/2010
(87) International Publication No :WO/2011/047848
(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)OUTOTEC OYJ

Address of Applicant :RIIHITONTUNTIE 7 02200 ESPOO, FINLAND.

(72)Name of Inventor :

1)ERLER RENE-ARNDIT

2)MISSALLA MICHAEL

3)GILGEN ROLF

(57) Abstract :

An apparatus for the treatment of solids and/or gases includes a fluidized-bed reactor (1) in which the solids are fluidized by means of fluidizing gas and are thermally and/or chemically treated, and a centrifugal separator (2) in which gas and solids are separated from each other, wherein the fluidized-bed reactor (1) is connected with the centrifugal separator (2) via a transfer duct (3). To avoid the formation of a streak extremely loaded with solids in the upper region of the centrifugal separator, the transfer duct (3) branches off from the fluidized-bed reactor (1) with a cross-section whose horizontal dimension is greater than the vertical dimension, wherein the cross-section of the transfer duct (3) expands downwards in vertical direction from the fluidized-bed reactor (1) to the centrifugal separator (2).

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.647/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SINTER COOLER

(51) International classification	:C22B 1/26,F27B 21/02
(31) Priority Document No	:10 2009 048 724.7
(32) Priority Date	:08/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/005518
Filing Date	:08/09/2010
(87) International Publication No	:WO/2011/042100
(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)OUTOTEC OYJ

Address of Applicant :RIIHITONTUNTIE 7 02200 ESPOO, FINLAND.

(72)Name of Inventor :

1)CHAMBERS, ALAN

(57) Abstract :

The invention relates to a sinter cooler of a sintering plant for use in metallurgy, comprising a cooling-air chamber (1) and a sinter cooling chamber (3) including a perforated plate (2), which can travel over the same, and comprising a cooling gas seal (4) between the upper surface of the cooling-air chamber (1) and the lower surface of the sinter cooling chamber (3), wherein the cooling gas seal (4) carried along with the sinter cooling chamber (3) includes sealing elements (6) of an elastomeric material, which are mounted with a vertical play such that they are seated on the lateral upper edges (5) of the stationary vertical cooling-air chamber wall (7), which extend in direction of travel of the sinter cooling chamber (3), and during travel of the sinter cooling chamber (3) slide along the upper edges (5).

No. of Pages : 12 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.657/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ANTIOXIDANT COMPOSITION

(51) International classification	:A61K 31/198
(31) Priority Document No	:2009-224742
(32) Priority Date	:29/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/055842
Filing Date	:31/03/2010
(87) International Publication No	:WO/2011/040071
(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)TOJO, YOSUKE
2)MIZUMOTO, CHIEKO
3)ASHIDA, YUTAKA
4)MITA, MASASHI

(57) Abstract :

Disclosed is a stable and safe antioxidant composition which can be used routinely. Specifically disclosed is an antioxidant composition which contains one or more compounds selected from the group consisting of D-aspartic acid, derivatives thereof and/or salts thereof. The composition may be used for the purpose of suppressing and/or improving skin conditions. The skin conditions may include but is not limited to fine wrinkles, rough skin, dry skin, skin cancers, skin allergies, inflammation of the skin and photosensitive dermatosis. The composition may be used for an external preparation for the skin, food and a pharmaceutical product for cataract.

No. of Pages : 57 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.658/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : NONWOVEN FABRIC AND METHOD FOR MANUFACTURING SAME

(51) International classification	:D04H1/54,D04H1/70	(71)Name of Applicant :
(31) Priority Document No	:2009-225523	1)UNICHARM CORPORATION
(32) Priority Date	:29/09/2009	Address of Applicant :182, SHIMOBUN, KINESEI-CHO,
(33) Name of priority country	:Japan	SHIKOKUCHUO-SHI, EHIME,7990111 JAPAN.
(86) International Application No	:PCT/JP2010/063802	(72)Name of Inventor :
Filing Date	:16/08/2010	1)UEMATSU, KATSUHIRO
(87) International Publication No	:WO/2011/040132	2)GODA HIROKI
(61) Patent of Addition to Application	:NA	3)MIZUTANI, SATOSHI
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is liquid permeable nonwoven fabric having improved air permeability in the direction of the thickness thereof, the nonwoven fabric having formed on the surface thereof ridges and troughs extending parallel to each other in one direction. Ridges (6) and troughs (7) which extend parallel to each other in the longitudinal direction are formed on the surface (3) of nonwoven fabric (1) in which short fibers (2) consisting of thermoplastic synthetic fibers are fusion-bonded together. In a cross-section of a ridge (6) taken in the lateral direction (B), the ridge (6) includes side portions (22, 23) on both sides, said side portions (22, 23) having the short fibers (2) aggregated densely, and also includes a center portion (21) which is located between both the side portions (22, 23) and in which the short fibers (2) are aggregated coarsely. The short fibers (2) in the center portion (21) include short fibers (2a) which connect both the side portions (22, 23) at the top (12) of the ridge (6). A method for manufacturing the nonwoven fabric (1) is also provided.

No. of Pages : 44 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.632/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENERGY REDUCING RETROFIT METHOD AND APPARATUS FOR A CONSTANT VOLUME HV AC SYSTEM

(51) International classification	:G05D 23/00
(31) Priority Document No	:12/544,960
(32) Priority Date	:20/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045734
Filing Date	:17/08/2010
(87) International Publication No	:WO/2011/022379
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MILLER, DANNY
2)SIPE, JUSTIN

(57) Abstract :

An energy-reducing method and apparatus for retrofitting a constant volume BVAC system, with or without an economizer, that provide heating, cooling, and ventilation to occupants within a building space. The present invention includes the introduction of a programmable logic controller and variable frequency drive (VFD) that takes control of the existing fan, heating, cooling, and optional economizer operation. The controller is programmed for the reduction of fan speed in the heating and cooling modes. The reduction of the fan speed in the ventilation mode when the 100% operation is not needed saves significant energy of the existing constant volume BVAC system where the fan motor is designed to run 100% of the time. The fan speed may be further reduced upon a reduction in sensed occupancy levels of the space such as with a CO2 sensor. Additionally the fan speed may be reduce energy consumption.

No. of Pages : 41 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.642/MUMNP/2012 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : PESTICIDAL MIXTURES

(51) International classification	:A01N 53/00
(31) Priority Document No	:09171645.6
(32) Priority Date	:29/09/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/064093
Filing Date	:24/09/2010
(87) International Publication No	:WO/2011/039104
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GEWEHR MARKUS

2)BRAHM LUTZ

3)HADEN EGON

(57) Abstract :

The present invention relates to synergistic mixtures comprising, as active components one insecticidal compound I selected from the group of acrinathrin, allethrin, alpha- cypermethrin, beta-cypermethrin, bifenthrin, cycloprothrin, cyfluthrin, cypermethrin, cyphenothrin, deltamethrin, dimefluthrin, esfenvalerate, etofenprox, fenpropathrin, fenvalerate, flucythrinate, imiprothrin, permethrin, prallethrin, profluthrin, pyrethrin I, pyrethrin II, resmethrin, silafluofen, tau-fluvalinate, tetramethrin, theta-cypermethrin, tralomethrin, transfluthrin and zeta-cypermethrin; and one fungicidal compound II selected from the group of azoxystrobin, coumethoxystrobin, coumoxystrobin, dimoxystrobin, enestroburin, fluoxastrobin, kresoxim-methyl, metominostrobin, orysastrobin, picoxystrobin, pyraclostrobin, pyrametostrobin, pyraoxystrobin, pyribencarb, trifloxystrobin, 2-(ortho- ((2,5-Dimethylphenyl-oxymethylen)phenyl)-3-methoxy-acrylic acid methyl ester, 2-(2- (3-(2,6-dichlorophenyl)-1-methyl-allylideneaminooxymethyl)-phenyl)-2-methoxyimino-N-methyl-acetamide in synergistic effective amounts.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.643/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR THE PREPARATION OF 2,5-FURANDICARBOXYLIC ACID AND ESTERS THEREOF

(51) International classification :C07D 307/40
(31) Priority Document No :61/249,400
(32) Priority Date :07/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/NL2010/050653
Filing Date :06/10/2010
(87) International Publication No :WO/2011/043660
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHAMMEL WAYNE PAUL
3)GRUTER GERARDUS JOHANNES MARIA
4)DAM, MATHEUS ADRIANUS

(57) Abstract :

The application describes a method for the preparation of 2,5-furandicarboxylic acid (FDCA) and/or an alkyl ester of FDCA comprising the step of contacting a feed comprising a starting material selected from 5-alkoxymethylfurfural, 2,5-di(alkoxymethyl)furan and a mixture thereof with an oxidant in the presence of an oxidation catalyst. The feed may also comprise 5-hydroxymethylfurfural as a further starting material.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.682/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ECHO CANCELLER WITH ADAPTIVE NON-LINEARITY

(51) International classification :G10L21/02
(31) Priority Document No :1943/MUM/2009
(32) Priority Date :24/08/2009
(33) Name of priority country :India
(86) International Application No :PCT/IB2010/053806
Filing Date :24/08/2010
(87) International Publication No :WO/2011/024120
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)UDAYAN KANADE

(57) Abstract :

An echo canceller (1399) with adaptive non-linearity is disclosed. In an embodiment, an incoming signal (1301) coming in from the far end is passed to a probe signal adder, which may add a probe signal to the incoming signal and may perform other signal conditioning before passing the signal to a playback device (1304). A recording device (1310) picks up a part of the signal generated by the playback device and also picks up other sounds/physical phenomena from its environment. An echo remover creates an estimate of the signal picked up by the recording device from its environment alone without the signal generated by the playback device. The echo remover creates this estimate by using the signal going towards the playback device and the signal recorded by the recording device. A linear filter estimator (1342) generates an estimate of the linear filter section of the environment, which may be used by the echo remover.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.659/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : WEARING ARTICLE

(51) International classification	:A61F13/15,A61F13/49
(31) Priority Document No	:2009-228873
(32) Priority Date	:30/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005797
Filing Date	:27/09/2010
(87) International Publication No	:WO/2011/039988
(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)TAKINO, SHUNSUKE

2)MASAKI, SHUNSUKE

(57) Abstract :

The present invention aims to provide a wearing article adapted to prevent unintentional displacement of a crotch region relative to front and rear waist regions by elastics attached to the crotch region. A diaper 10 includes front and rear waist members 20, 30, a crotch member 40 by the intermediary of which the front and rear waist members 20, 30 are connected with each other. The rear waist member 30 is formed with a waist fit section 30a and an appendix section 30b. Of the crotch member 40, front and rear ends including front and rear end flaps 45, 46 are bonded to the front and rear waist members 20, 30, respectively, to form front and rear bonded regions 61, 62. Both side flaps 49 are provided on respective inner surfaces thereof with gasket elastics 71 attached thereto. Each of the gasket elastic 71 overlaps at one end 71a with a part of the front waist elastic 26 and overlaps at the other end 71b with a part of the appendix section elastic 51. Furthermore, the one end 71a overlaps with the front bonded region 61 and the other end 71b overlaps with the rear bonded regions 62.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.683/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SINTER COOLER

(51) International classification :C22B1/26,F27B21/02,
(31) Priority Document No :10 2009 048 722.0
(32) Priority Date :08/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/005520
Filing Date :08/09/2010
(87) International Publication No :WO/2011/042102
(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)CHAMBERS ALAN

(57) Abstract :

This invention relates to a sinter cooler of a sintering plant for use in metallurgy, comprising a cooling-air chamber (1) and a sinter cooling chamber (3) including a perforated plate (2) which can travel over the same, and comprising a cooling gas seal (4) between the upper surface of the cooling-air chamber (1) and the lower surface of the sinter cooling chamber (3), in which the cooling gas seal (4) as a stationary sealing support of the cooling-air chamber wall (17) for sealing elements (6) of an elastomeric material carried along with the sinter cooling chamber (3) includes a sealing strip (5) with substantially round, preferably circular cross-section.

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.684/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SINTER COOLER

(51) International classification :C22B1/26,F27B21/02,
(31) Priority Document No :10 2009 048 723.9
(32) Priority Date :08/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/005519
Filing Date :08/09/2010
(87) International Publication No :WO/2011/042101
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :RIIHITONTUNTIE 7 02200 ESPOO,
FINLAND.

(72)Name of Inventor :

1)CHAMBERS ALAN

(57) Abstract :

This invention relates to a sinter cooler of a sintering plant for use in metallurgy, comprising a cooling-air chamber (3) and a sinter cooling chamber (1) including a perforated or slotted base plate (4), which can travel over the same e.g. by means of bogie wheels (2) running on a rail track, and comprising a cooling gas seal (5) including lower sealing walls (9), which extends between the cooling-air chamber (3) and the sinter cooling chamber (1) in the vicinity of the base plate wheel axle (7), wherein the cooling gas seal (5) carried along with the sinter cooling chamber (1) includes inner skirting plates (8) and/or outer sealing elements (6) each inserted into the sealing walls (9), wherein the respective skirting plate (8) or the respective sealing element (6) encloses the base plate wheel axle (7) with snug fit and is mounted on the sealing wall (9) so as to be freely movable relative to the base plate wheel axle (7).

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.685/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : EXCAVATOR TOOTH RETENTION DEVICE

(51) International classification	:E02F 9/28
(31) Priority Document No	:61/272,487
(32) Priority Date	:29/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001470
Filing Date	:29/09/2010
(87) International Publication No	:WO/2011/038482
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)KNIGHT,GARRET ,D.

(57) Abstract :

A tooth retention device (16) for attachment to an excavator bucket (10), which has a tooth mounting portion (20), a fork shaped body (22, 24) fitting over the edge (12) of the bucket (10), a clamp (32) passing through the body (22, 24) and the bucket (10), and a wedge (38) holding the clamp (32) in position, in which the wedge has a threaded rod (46) and (72) and a threaded block (50) on the rod (68). The rod (68) is rotatable to move the block (50) between locked and released positions.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.673/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING A PYRIMIDINEONE DERIVATIVE

(51) International classification	:A61K 31/519	(71) Name of Applicant :
(31) Priority Document No	:757/MUM/2010	1)GLENMARK PHARMACEUTICALS SA
(32) Priority Date	:22/03/2010	Address of Applicant :CHEMIN DELA COMBETA 5, 2300
(33) Name of priority country	:Switzerland	LA CHAUX-DE-FONDS, SWITZERLAND.
(86) International Application No	:PCT/IB2011/000605	(72) Name of Inventor :
Filing Date	:21/03/2011	1)DHUPPAD ULHAS
(87) International Publication No	:WO/2011/117711	2)CHAUDHARI , SUNIL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present patent application relates to a pharmaceutical composition comprising a fused pyrimidineone derivative having transient receptor potential modulating activity and a hydrophilic carrier.

No. of Pages : 40 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.674/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : NONWOVEN FABRIC

(51) International classification :D04H 1/54
(31) Priority Document No :2009-235513
(32) Priority Date :09/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/066134
Filing Date :17/09/2010
(87) International Publication No :WO/2011/043180
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
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2)GODA,HIROKI
3)ISHIKAWA,HIDEYUKI
4)OBA,TORU

(57) Abstract :

Nonwoven fabric having formed on the surface thereof ridges and troughs extending parallel to each other in one direction, the nonwoven fabric being configured so that a bodily fluid is prevented from accumulating in the ridges. A nonwoven fabric (1) is formed by fusion bonding together short fibers (11) which are thermoplastic synthetic fibers. Ridges (6) and troughs (7) which extend parallel to each other are formed on the surface (2) of the nonwoven fabric. The ridges (6) include first ridges (6a), the height of which from the rear surface (3) of the nonwoven fabric (1) is large, and second ridges (6b), the height of which is small. The densities of the first ridges (6a), the second ridges (6b), and the troughs (7) of the nonwoven fabric (1) are higher in that order. The first ridges (6a) are formed so that the density of the first ridges (6a) when the first ridges (6a) are compressed toward the rear surface (3) to have the same height as the second ridges (6b) is lower than the density of the second ridges (6b).

No. of Pages : 40 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.675/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR THE PREPARATION OF 2,5-FURANDICARBOXYLIC ACID AND FOR THE PREPARATION OF THE DIALKYL ESTER OF 2,5-FURANDICARBOXYLIC ACID

(51) International classification	:CO7D307/68
(31) Priority Document No	:61/249,395
(32) Priority Date	:07/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/NL2010/050654
Filing Date	:06/10/2010
(87) International Publication No	:WO/2011/043661
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)DAM MATHEUS ADRIANUS
3)GRUTER GERARDUS JOHANNES MARIA

(57) Abstract :

The application describes a method for the preparation of 2,5-furan dicarboxylic acid comprising the step of contacting a feed comprising a compound selected from the group consisting of 5-hydroxymethylfurfural (HMF), an ester of 5-hydroxymethyl-furfural, 5- methylfurfural, 5-(chloromethyl)furfural, 5-methylfuroic acid, 5-(chloromethyl)furoic acid, 2,5- dimethylfuran and a mixture of two or more of these compounds with an oxidant in the presence of an oxidation catalyst at a temperature higher than 140 0C.

No. of Pages : 13 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.686/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : EQUIPMENT CABINET

(51) International classification	:H05K 7/20
(31) Priority Document No	:0916472.4
(32) Priority Date	:21/09/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/001757
Filing Date	:01/01/1900
(87) International Publication No	:WO/2011/033270
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)REDSHAW , STUART PETER

(57) Abstract :

An equipment cabinet (100) having an air cooling system comprising: an air inlet (101) extending across an outer wall (102) of the cabinet; an air inlet filter (103) disposed between opposing first and second side panels (104, 105) forming the outer wall of the cabinet; and a fan (106) arranged to draw air through the filter and into an internal volume (107) of the cabinet for cooling equipment (108) contained therein.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.687/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TRANSMISSION METHOD, DETECTION METHOD AND EQUIPMENT FOR CONTROL CHANNELS OF A RELAY SYSTEM

(51) International classification	:H04B 7/14
(31) Priority Document No	:200910235533.7
(32) Priority Date	:29/09/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/077490
Filing Date	:01/01/1900
(87) International Publication No	:WO/2011/038687
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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3)XIAO GUOJUN
4)WANG LIBO
5)ZHANG WENJIAN

(57) Abstract :

A configuration method, detection method and equipment for control channels of a relay system are provided in the present invention. The configuration method comprises: the network side transmits a Relay-Physical Downlink Control Channel (R-PDCCH) of a control channel to its service relay equipment, the related control information of said relay equipment is included in said R-PDCCH, said R-PDCCH is a dedicated R-PDCCH of said relay equipment (402). In the present invention, the dedicated control channel of the relay system is configured according to the number of Orthogonal Frequency Division Multiplexing (OFDM) symbols occupied by a R-PDCCH, and the mapping from a R-PDDCH/Relay-Physical Downlink Shared Channel (R-PDSCH) to a Resource Element (RE), and the demand that one relay node dedicates a R-PDCCH is satisfied.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.690/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND PLANT FOR REPROCESSING WASTE SULPHURIC ACIDS FROM NITRIDING PROCESSES

(51) International classification :C01B17/94,C01B21/46
(31) Priority Document No :09011773.0
(32) Priority Date :15/09/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/005512
Filing Date :08/09/2010
(87) International Publication No :WO/2011/032659
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)DICHTL, GOTTFRIED
2)STEEG, HARALD

(57) Abstract :

The invention relates to a method for reprocessing waste acid from methods for producing nitroaromatics, in particular for producing dinitrotoluene (DNT) or trinitrotoluene (TNT), to recover concentrated and purified sulfuric acid and nitric acid, wherein in a first stage, the waste acid is separated in a stripping column countercurrently with water vapor from the bottom of the stripping column into at least one vapor phase, which contains nitric acid and possibly nitro-organics, and a pre-concentrated sulfuric acid, and the vapor phase and the pre-concentrated sulfuric acid are condensed and/or reprocessed in downstream method stages, wherein in the first stage of the method, in addition to the stripping, according to the invention the nitric acid contained in the stripping vapor is concentrated in the presence of additional concentrated sulfuric acid so that nitric acid in a highly concentrated form suitable for feeding back into the nitriding process is obtained directly in the first stage.

No. of Pages : 27 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.691/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD,SYSTEM AND APPARTUS FOR TRANSMITTING CHANNEL QUALITY INDICATOR INFORMATION OF MULTIPLE USER TERMINALS

(51) International classification	:H04W 68/00	(71) Name of Applicant :
(31) Priority Document No	:200910091275.X	1)CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY
(32) Priority Date	:17/08/2009	Address of Applicant :NO.40 XUEYUAN ROAD,HAIDIAN DISTRICT,BEIJING 100191,P.R.CHINA .
(33) Name of priority country	:China	(72) Name of Inventor :
(86) International Application No	:PCT/CN2010/001248	1)SHEN , ZUKANG
Filing Date	:01/01/1900	2)PAN , XUEMING
(87) International Publication No	:WO/2011/020297	3)LIN , YANAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provide are a method, a system and an apparatus for transmitting channel quality indicator information of multiple user terminals. The method includes: at least two user terminals transmit their own channel quality indicator information using the same time and frequency resources, wherein the time and frequency resources include at least one frequency-domain unit in frequency domain and at least two sets of data time-domain units in time domain, each set of data time-domain units including at least two data time-domain units; and the channel quality indicator information of each user terminal is transmitted on at least one set of data time-domain units by means of time-domain Code Division Multiple Address. Therefore, it is possible to adjust the transmitted bits according to size of the channel quality indicator information.

No. of Pages : 33 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.692/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHYLPYRROLOPYRIMIDINECARBOXAMIDES

(51) International classification :C07D 487/04
(31) Priority Document No :09168685.7
(32) Priority Date :26/08/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/062329
Filing Date :24/08/2010
(87) International Publication No :WO/2011/023693
(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)NYCOMED GMBH

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2)BEATE SCHMIDT

3)HEIKO BERNSMANN

4)TORSTEN DUNKERN

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6)ANDREAS PAHL

7)RAGNA HUSSONG

8)OLAF NIMZ

9)MATTHIAS MULLER

10)MARTIN VIERTELHAUS

(57) Abstract :

The compounds of formula (I) wherein R1, R2, R21, R22, R23, R24, Y and R3 have the meanings as given in the description, the salts thereof, and the stereoisomers of the compounds and the salts thereof are effective inhibitors of the type 5 phosphodiesterase.

No. of Pages : 461 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.703/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COARSE PIGMENT ADDITION AND HIGH SOLIDS SLURRIES FOR HIGHER COATING COLOUR CONCENTRATIONS

(51) International classification	:D21H 17/67
(31) Priority Document No	:09170864.4
(32) Priority Date	:21/09/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP1010/063866
Filing Date	:21/09/2010
(87) International Publication No	:WO/2011/033119
(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)OMYA DEVELOPMENT AG
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(72)Name of Inventor :
1)BLUVOL, GUILLERMO
2)KAESSBERGER, MICHAEL
3)GANE, PATRICK A.C.

(57) Abstract :

Coarse pigment addition and high solids slurries for higher coating colour concentrations The present invention relates to an aqueous slurry comprising natural ground calcium carbonate which has a percentage P5 by weight of particles having a diameter of less than 5.0 urn of from 98.5 % to 90 %, a percentage P2 by weight of particles having a diameter of less than 2.0 urn of from 96 % to 80%; wherein the ratio of P2/P5 is from 0.98 to 0.85, and wherein the slurry has a solids content of more than 78 wt%.

No. of Pages : 19 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.668/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS FOR REDUCING ALCOHOL-INDUCED DOSE DUMPING

(51) International classification :A61K 9/28
(31) Priority Document No :2154/MUM/2009
(32) Priority Date :17/09/2009
(33) Name of priority country :India
(86) International Application No :PCT/IN2010/000604
Filing Date :09/09/2010
(87) International Publication No :WO/2011/039768
(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)CADILA HEALTHCARE LIMITED
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(72)Name of Inventor :
1)ROY , SUNILENDU , BHUSHAN
2)KULKARNI ,SUSHRUT KRISHNAJI
3)PANCHAL ,MAULIK KIRITKUMAR
4)SHAH ,KARTIK YOGESHKUMAR

(57) Abstract :

A pharmaceutical composition is disclosed. The composition comprises a core comprising an active substance or a salt thereof; a separating layer comprising at least one sugar; and a functional layer comprising at least one pharmaceutically acceptable polymer, wherein the composition is resistant to dose dumping in presence of alcohol.

No. of Pages : 30 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.689/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEVICE FOR LOADING CHEMICAL REACTOR TUBES

(51) International classification	:B01J 8/00
(31) Priority Document No	:60/723,028
(32) Priority Date	:03/10/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/037952
Filing Date	:27/09/2006
(87) International Publication No	:WO/2007/041254
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:622/MUMNP/2008
Filed on	:01/04/2008

(71)Name of Applicant :

1)TUBEMASTER ,INC

Address of Applicant :8008 VINECREST AVENUE, SUITE #
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(72)Name of Inventor :

1)JOHNS , CLIFFORD,L.

2)SYMPSON , DANIEL,D.

3)DATTILO,AUGUST,M.,III

4)CHASMAWALA ,MUNAF,NAJMUDDIN

5)SCHMIDT,MANFRED

(57) Abstract :

A device and method for loading pellets into chemical reactor tubes.

No. of Pages : 72 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.707/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CHAIN CURING RESIN COMPOSITION AND FIBER-REINFORCED COMPOSITE MATERIAL

(51) International classification	:C08G 59/24,C08J 5/04
(31) Priority Document No	:2009-234249
(32) Priority Date	:08/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067352
Filing Date	:04/10/2010
(87) International Publication No	:WO/2011/043288
(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)ATSUSHI NOHARA

2)MANABU KANEKO

3)NORIYA HAYASHI

(57) Abstract :

Provided is a chain curing resin composition which can be molded by the RTM process. The chain curing resin composition can be molded with low energy consumption in a short time and can provide cured products with excellent mechanical strengths. The chain curing resin composition comprises (A) an alicyclic epoxy compound that has two cyclohexene oxide groups in the molecule and (B) a specific modified bisphenol A type epoxy resin, the content of the alicyclic epoxy compound (A) being 25 to 90% by mass when the total amount of the components (A) and (B) is taken as 100% by mass.

No. of Pages : 31 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.708/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MANUAL INSTRUMENTED MEDICAL TOOL SYSTEM

(51) International classification	:A61B 19/00
(31) Priority Document No	:61/272,296
(32) Priority Date	:09/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001409
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/029190
(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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2)UNIVERSITY HEALTH NETWORK

(72)Name of Inventor :

1)GOLDENBERG, ANDREW A.

2)TRACHTENBERG, JOHN

3)YANG, YI

4)MA, LIANG

(57) Abstract :

A medical device is for use in association with a medical image of the gland or organ having a known reference point. The medical device comprises a structural frame, a horizontal joint, a vertical joint, a pan joint, a tilt joint a medical instrument assembly and a control system. The medical device is positioned at a predetermined location relative to the medical image reference point. Each of the horizontal joint, the vertical joint, the pan joint and the tilt joint have a position sensor and are operably connected to the frame. The medical instrument assembly is operably connected to a sensor and to the horizontal joint, the vertical joint, the pan joint and the tilt joint. The control system is operably connected to the other elements whereby the control system determines the position of a predetermined location on the medical instrument assembly relative to the structural frame.

No. of Pages : 34 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.709/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PREVENTING OR REDUCING SCALE IN WET-PROCESS PHOSPHORIC ACID PRODUCTION

(51) International classification :C01B 25/22

(31) Priority Document No :61/245,713

(32) Priority Date :25/09/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/050086

Filing Date :24/09/2010

(87) International Publication No :WO/2011/038167

(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)CYTEC TECHNOLOGY CORP.

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(72)Name of Inventor :

1)RAVISHANKAR, SATHANJHERI

2)WANG, BING

(57) Abstract :

Methods for preventing or reducing the formation of scale in a wet-process phosphoric acid production process by intermixing a water-soluble functional organic reagent with a phosphoric acid at one or more step of the phosphoric acid production process in an amount sufficient to prevent or reduce at least one species of scale are provided.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.711/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL HEPARIN ENTITIES AND METHODS OF USE

(51) International classification :A61L 29/08

(31) Priority Document No :12/561,927

(32) Priority Date :17/09/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/049078

Filing Date :16/09/2010

(87) International Publication No :WO/2011/035001

(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 :

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2)CLAUDE, CHARLES, D.

3)CLEEK, ROBERT, L.

4)DRUMHELLER, PAUL, D.

5)LI, MEI

6)MARDIROSIAN, NORA

(57) Abstract :

The present invention relates to immobilized biologically active entities that retain a significant biological activity following manipulation. The invention also comprises a medical substrate comprising a heparin entity bound onto a substrate via at least one heparin molecule, wherein said bound heparin entity is heparinase-1 sensitive.

No. of Pages : 63 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION

(21) Application No.693/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD FOR THE N-DEMETHYLATION OF N-METHYL HETEROCYCLES

(51) International classification :C07D 451/00

(31) Priority Document No :2009904493

(32) Priority Date :16/09/2009

(33) Name of priority country :Australia

(86) International Application No :PCT/AU2010/001204

Filing Date :16/09/2010

(87) International Publication No :WO/2011/032214

(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)MONASH UNIVERSITY

Address of Applicant :WELLINGTON ROAD,
CLAYTON,VICTORIA 3168 AUSTRALIA.

(72)Name of Inventor :

1)SCAMMELLS,PETER JOHN

2)ORBELL , GAIK

(57) Abstract :

The present invention provides methods of N-demethylating, N-methylated heterocycles and N-methyl, N-oxide heterocycles using a transition metal with an oxidation state of zero, ferrocene or substituted derivatives thereof, or Cr 3+ . N-demethylated heterocycles prepared by the methods of the present invention are also provided.

No. of Pages : 61 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.694/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENGINEERED MICROPARTICLES FOR MACROMOLECULE DELIVERY

(51) International classification	:A61K47/36,A61K47/30	(71)Name of Applicant :
(31) Priority Document No	:61/241,259	1)UNIVERSITY OF PITTSBURGH-OF THE
(32) Priority Date	:10/09/2009	COMMONWEALTH SYSTEM OF HIGHER EDUCATION
(33) Name of priority country	:U.S.A.	Address of Applicant :200 GARDNER STEEL
(86) International Application No	:PCT/US2010/048465	CONFERENCE CENTER, THACKERAY AND O'HARA
Filing Date	:10/09/2010	STREETS, PITTSBURGH,PA 15260 UNITED STATES OF
(87) International Publication No	:WO/2011/031996	AMERICA.
(61) Patent of Addition to Application	:NA	(72)Name of Inventor :
Number	:NA	1)LITTLE , STEVEN , R.
Filing Date	:NA	2)ROTHSTEIN , SAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for making a modified release composition, comprising: selecting a desired active agent and polymer matrix for formulating into a modified release composition; assessing degradation effect on release of the active agent from the composition including plotting polymer molecular weight (Mwr) at onset of active agent release vs. active agent molecular weight (MwA); predicting performance of multiple potential formulations for the composition based on the degradation assessment and average polymer matrix initial molecular weight (Mwo) to define a library of building blocks; determining the optimal ratio of the building blocks to satisfy a specified release profile; and making a modified release composition based on the optimal ratio determination.

No. of Pages : 62 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.695/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BLADDER CANCER SPECIFIC LIGAND PEPTIDES

(51) International classification :C07K7/06
(31) Priority Document No :61/245,492
(32) Priority Date :24/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/050037
Filing Date :23/09/2010
(87) International Publication No :WO/2011/038142
(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)PAN,CHONG-XIAN
2)ZHANG , HONGYONG
3)LAM,KIT S.
4)AINA , OLULANU H.
5)N/A

(57) Abstract :

The present invention is directed to bladder cancer specific ligand peptides, comprising the amino acid sequence X1DGRX5GF (SEQ ID NO:1), and methods of their use, e.g., for imaging detection for diagnosis of bladder, tumor localization to guide transurethral resection of bladder cancer, imaging detection of bladder cancer for follow-up after the initial treatment that can replace or complement costly cystoscopy, imaging detection of metastatic bladder cancer, and targeted therapy for superficial and metastatic bladder cancer.

No. of Pages : 81 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.716/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HAIR CURLING DEVICE, KIT AND METHOD

(51) International classification	:A45D 2/14,A45D 4/12
(31) Priority Document No	:GB0914685.3
(32) Priority Date	:21/08/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/001589
Filing Date	:20/08/2010
(87) International Publication No	:WO/2011/021013
(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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YORKSHIRE (GB).
(72)**Name of Inventor :**
1)OLIVER SUNDERLAND

(57) Abstract :

A method of curling hair comprises coiling a portion of hair around an elongate rod (10) formed of heat resistant material and applying a heated hair styling iron (20) to the hair to heat the hair for a period of time sufficient to set the curl in the hair. The hair styling iron and the rod are then removed from the hair. The invention further includes a hair curling device comprising a rod as well as a kit for curling hair comprising a hair curling device of the invention and a hair styling iron.

No. of Pages : 27 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.718/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BIODEGRADABLE CIGARETTE FILTER TOW AND ITS PROCESS OF MANUFACTURE

(51) International classification	:A24D 3/10
(31) Priority Document No	:0918633.9
(32) Priority Date	:23/10/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/051562
Filing Date	:17/09/2010
(87) International Publication No	:WO/2011/048397
(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)MARSHALL, COLIN
2)MOFFAT, JAMIE

(57) Abstract :

The present invention concerns a biodegradable cigarette filter tow comprising composite filaments of cellulose and cellulose acetate, and a process for making such a filter tow comprising providing a solution dope comprising a blend of cellulose and cellulose acetate in an ionic liquid or in N-methylmorpholine-N-oxide (NMMO), and spinning casting the blend into a protic solvent to generate fibres or films, and converting the fibres or films into cigarette filter tow. The invention also concerns cigarette filters and cigarettes made from such a filter tow.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.704/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ATTACHMENT SYSTEM OF PHOTOVOLTAIC CELLS TO FLUOROPOLYMER STRUCTURAL MEMBRANE

(51) International classification :H01L 31/042

(31) Priority Document No :61/240,843

(32) Priority Date :09/09/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/047655

Filing Date :02/09/2010

(87) International Publication No :WO/2011/031618

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SAHLIN, KATHERINE, M.

2)DERY, MARCEL

3)CUSHMAN, MICHAEL, P.

(57) Abstract :

The invention describes an extensible membrane system to which a photovoltaic device is secured.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.713/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN ANTIMICROBIAL PARTICLE AND A PROCESS FOR PREPARING THE SAME

(51) International classification :C11D 3/48
(31) Priority Document No :2222/MUM/2009
(32) Priority Date :24/09/2009
(33) Name of priority country :India
(86) International Application No :PCT/EP2010/062618
Filing Date :30/08/2010
(87) International Publication No :WO/2011/036031
(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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2)GHOSH DASTIDAR SUDIPTA
3)IYER VIDULA
4)JAYARAMAN SURESH SAMBAMURTHY
5)SAJI MAYA TREESA

(57) Abstract :

This invention relates to a bipolar antimicrobial particle for use in laundry detergent compositions, fabric conditioners, personal care and cosmetic compositions and a process for making the same. In view of the foregoing, it is an object of the present invention to provide a stabile antimicrobial agent immobilised on a carrier particle. It is a further objective to provide an antimicrobial particle with improved retention to the fabric so that larger amounts of antimicrobial will be available even after rinsing. Surprisingly it has been found that antimicrobial molecules tagged by surface reaction onto naturally occurring asymmetric clay surfaces, act as an antimicrobial particle with improved retention properties with improved stability.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.715/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : VESICULAR FORMULATIONS

(51) International classification	:A61K 51/00
(31) Priority Document No	:61/235,992
(32) Priority Date	:21/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046245
Filing Date	:20/08/2010
(87) International Publication No	:WO/2011/022707
(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)TARGETED DELIVERY TECHNOLOGIES LIMITED
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(72)**Name of Inventor :**
1)HENRY, WILLIAM

(57) Abstract :

Disclosed herein are vesicular formulations that include one or more phospholipids and one or more surfactants and in certain embodiments the use of such formulations for the delivery of fatty acids for the treatment of disorders such as, fatty acid metabolic disorders, including essential fatty acid deficiency; pain or inflammation or osteoarthritis, more specifically for the treatment of deep tissue pain; asthma, bronchospasm, atherothrombotic cardiovascular disorders, venous thrombotic disorders, inflammatory dermatoses disorders (e.g., atopic eczema, dishyrotic hand eczema, plaque type psoriasis, seborrheic eczema, and acne vulgaris), and dysmenorrhea.

No. of Pages : 120 No. of Claims : 122

(12) PATENT APPLICATION PUBLICATION

(21) Application No.722/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEVICE FOR PHASING THREADED GRINDING STONE

(51) International classification :B24B 49//10

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2009/066769

Filing Date :28/09/2009

(87) International Publication No :WO/2011/036791

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)YANASE YOSHIKOTO

2)ISHIZU KAZUYUKI

3)TANI TOMOHITO

(57) Abstract :

Provided is a device for phasing a threaded grinding stone, the aforementioned device being configured in a simple manner and capable of accurately phasing the threaded grinding stone with respect to a gear to be machined or to a dresser. For the purpose of achieving the above, a threaded grinding stone (14) is phased with respect to a workpiece (W) or a disk dresser (32) prior to the engagement of the threaded grinding stone (14) with the workpiece (W) or with the disk dresser (32) during grinding or dressing. In performing this phasing, it is detected, by means of an AE fluid sensor (42) provided to a grinding stone head (11) which rotatably supports the threaded grinding stone (14), whether the threaded grinding stone (14) has had contact with the workpiece (W) or the disk dresser (32). Subsequently, on the basis of the phase of the threaded grinding stone (14) at the time when contact was detected, the threaded grinding stone (14) is positioned in a phase where the aforementioned engagement is feasible.

No. of Pages : 22 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.723/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : GEAR GRINDING MACHINE

(51) International classification	:B24B 53/075
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/066951
Filing Date	:29/09/2009
(87) International Publication No	:WO/2011/039838
(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)OCHI MASASHI

2)YANASE YOSHIKOTO

(57) Abstract :

Provided is a gear grinding machine the maintainability of which can be improved and which is capable of being miniaturized. More specifically, provided is a gear grinding machine wherein a threaded grinding stone (17) and a workpiece (W) are engaged with each other and are rotated in this state, resulting in the workpiece (W) being ground, and wherein between a dressing position (P2) where the threaded grinding stone (17) can be dressed and a retreat position (P1) to which a retreat is made from the dressing position (P2) during grinding, a disk dresser (66) which, by being driven into rotation, dresses the threaded grinding stone (17) is swung about an axis (C2) which is parallel to an axis (C1) that is the rotational axis for the workpiece (W) and which intersects, at right angles, the direction in which the threaded grinding stone (17) is fed toward the workpiece (W).

No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.688/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AGGREGATE DETECTION DEVICE AND CONCRETE MIXING PLANT USING THE SAME

(51) International classification :B28C 7/02
(31) Priority Document No :CN200920217680.7
(32) Priority Date :30/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074268
Filing Date :01/01/1900
(87) International Publication No :WO/2011/038594
(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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2)SANY HEAVY INDUSTRY CO., LTD.
(72)**Name of Inventor :**
1)HUANG XIANGYANG
2)JIANG ZHIHUI
3)ZHANG JIAQIAO
4)HUANG SHENHAI

(57) Abstract :

An aggregate detection device and a concrete mixing plant using the same are provided. The aggregate detection device comprises a bin level controller (3), a driving medium (5) and a detector (6). One end of the driving medium (5) is connected to the bin level controller (3), and the other end is connected to the detector (6). The aggregate detection device can automatically detect the level of aggregate in an aggregate storage bin (1), so as to exactly and reliably control a valve (8) of the aggregate storage bin (1).

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.705/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING PRESSURE ENHANCEMENT

(51) International classification :A61F 13/00

(31) Priority Document No :200508

(32) Priority Date :20/08/2009

(33) Name of priority country :Israel

(86) International Application No :PCT/IL2010/000678

Filing Date :19/08/2010

(87) International Publication No :WO/2011/021201

(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)FIRST CARE PRODUCTS LTD.

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LOD, ISRAEL.

(72)Name of Inventor :

1)BAR-NATAN, BERNARD

(57) Abstract :

There is provided an apparatus for applying pressure to a wound, the apparatus comprising a main body portion having a top panel and two sides, the apparatus is adapted to be positioned on a dressing opposing a wound, such that the top panel is essentially parallel to a surface of a dressing. There is further provided a bandage comprising an elongated web, adapted to be folded upon itself, a dressing disposed on a wound surface of the web and a pressure enhancement member adapted to be directly or indirectly the dressing opposite the wound, wherein the pressure enhancement member comprises a main body portion having a top panel and two sides, the top panel is essentially parallel to the dressing.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.710/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR THE ACTIVATION OF CDTE THIN FILMS FOR THE APPLICATION IN CDTE/CDS TYPE THIN FILM SOLAR CELLS

(51) International classification	:H01L 31/0296
(31) Priority Document No	:FI2009A000220
(32) Priority Date	:13/10/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/054587
Filing Date	:11/10/2010
(87) International Publication No	:WO/2011/045728
(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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GAZOLDO DEGLI IPPOLITI (MANTOVA) ITALY.

(72)Name of Inventor :

1)ROMEO, NICOLA

2)ROMEO, ALESSANDRO

3)BOSIO, ALESSIO

(57) Abstract :

A method for the activation of CdTe films used in CdTe/CdS type thin film solar cells, in which a CdTe film is treated with a mixture formed by a fluorine-free chlorinated hydrocarbon and a gaseous chlorine-free fluorinated hydrocarbon, both said compounds being harmless to the ozone layer. In particular, the chlorinated hydrocarbon is 1-chlorobutane, 1,1,2-trichloroethylene or dichloromethane and the fluorinated hydrocarbon is 1,1,1,2-tetrafluoroethane, trifluoromethane or 1,1- difluoromethane.

No. of Pages : 10 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.719/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BIODEGRADABLE FIBRE AND ITS PROCESS OF MANUFACTURE

(51) International classification	:D01F 2/00
(31) Priority Document No	:0918633.9
(32) Priority Date	:23/10/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/051771
Filing Date	:21/10/2010
(87) International Publication No	:WO/2011/048420
(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)MARSHALL, COLIN
2)MOFFAT, JAMIE

(57) Abstract :

The present invention concerns a biodegradable fibre comprising composite filaments of cellulose and cellulose acetate, and a process for making such a fibre comprising providing a solution dope comprising a blend of cellulose and cellulose acetate in an ionic liquid or in N-methylmorpholine-N-oxide (NMMO), and spinning casting the blend into a protic solvent to generate fibres. The invention also concerns materials made from such a fibre, and garments or soft furnishings made from such a material.

No. of Pages : 16 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.732/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEVICE FOR PROCESSING A SIGNAL DELIVERED BY A RADIATION DETECTOR

(51) International classification	:H03K 5/08,G01T 1/17
(31) Priority Document No	:0956844
(32) Priority Date	:01/10/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/064569
Filing Date	:30/09/2010
(87) International Publication No	:WO/2011/039312
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)OUVRIER-BUFFET, PATRICE
2)BRAMBILLA, ANDREA

(57) Abstract :

The invention relates to a device for processing a signal delivered by a radiation detector (1), the device comprising a circuit (2, 3) able to deliver a voltage pulse whose amplitude is proportional to a charge detected by the detector (1) and an analog/digital converter (ADC) which digitizes the voltage pulse and delivers digital signals, characterized in that it comprises, downstream of the analog/digital converter (ADC), a processing circuit (5) which comprises: - a unit for reading the digital signals (S(t)) delivered by the analog/digital converter (ADC), - a calculation unit which calculates a temporal variation of the digital signals read, and - a circuit able to capture the digital signals read whose temporal variation reaches a predetermined threshold.

No. of Pages : 39 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.720/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COATING COMPOSITION INCLUDING FLUORESCENT MATERIAL FOR PRODUCING SECURE IMAGES.

(51) International classification	:G03G 13/00
(31) Priority Document No	:61/253,471
(32) Priority Date	:20/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/053068
Filing Date	:18/10/2010
(87) International Publication No	:WO/2011/049876
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)HEILMAN, KEVIN L.
2)HOEFS, EUGENE
3)RILEY, MICHAEL R.

(57) Abstract :

A coating composition, system, and method for printing documents that are difficult to chemically or physically forge and that are easy to visually verify are disclosed. The system includes a substrate, a toner, including a colorant and a dye, a coating including fluorescent material, e.g., a primary migration-enhancing coating, applied using an offset printing process and optionally a secondary migration-enhancing coating applied using an offset printing process. An image formed using the toner of the invention is readily verified by comparing a colorant-formed image and a dye-formed image and/or to a reverse negative imaged formed by the dye quenching the fluorescent material. In addition, if a solvent is used in an attempt to alter the printed image on the substrate, the dye migrates or diffuses to indicate tampering with the document.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.721/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HYDRAULIC CYLINDER

(51) International classification :B60R 13/08
(31) Priority Document No :102009052065.1
(32) Priority Date :05/11/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2010/001218
Filing Date :14/10/2010
(87) International Publication No :WO/2011/054330
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CHEVET, ALEXANDRE
2)DUBAS, RICHARD

(57) Abstract :

The invention relates to a hydraulic cylinder, in particular a master cylinder (1), comprising a device (7L, 7R) for fastening in an opening provided in the firewall (11)/chassis of a vehicle and elements for fastening in an opening of a wall of a pedal box (12), wherein the remaining opening between the master cylinder and the firewall is sealed by an elastic sealing element (7B). According to the invention, the distance between the opening in the firewall and the opening in the wall of the pedal box, in which the master cylinder is accommodated, and the position of said openings with respect to each other are compensated by means of the device, which is fastened to the master cylinder in a positionally fixed manner.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.734/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : POLYMORPHIC FORMS OF MANIDIPINE

(51) International classification	:C07D 211/90
(31) Priority Document No	:1970/MUM/2009
(32) Priority Date	:27/08/2009
(33) Name of priority country	:India
(86) International Application No	:PCT/GB2010/001615
Filing Date	:26/08/2010
(87) International Publication No	:WO/2011/023954
(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)CIPLA LIMITED

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(72)Name of Inventor :

1)RAO, DHARMARAJ, RAMACHANDRA

2)KANKAN, RAJENDRA, NARAYANRAO

3)GHAGARE, MARUTI GANPATI

(57) Abstract :

The invention relates to various new polymorphic forms of manidipine and pharmaceutically acceptable salts thereof. The invention also relates to processes for the preparation of the polymorphic forms of manidipine and pharmaceutically acceptable salts thereof.

No. of Pages : 34 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.735/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHARMACY WASTE IDENTIFICATION LABELING AND DISPOSAL SYSTEM AND RELATED METHOD OF USING

(51) International classification :A61B 19/00

(31) Priority Document No :61/244,270

(32) Priority Date :21/09/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/049563

Filing Date :21/09/2010

(87) International Publication No :WO/2011/035277

(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)AVERY DENNISON CORPORATION

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PASADENA, CA 91103 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)DEHLINGER, ANNE, M.

2)BECKER, WILLIAM

(57) Abstract :

The present invention is directed to a tag and labeling system that is used in connection with the disposal of pharmaceutical waste materials that are created in a health care treatment facility. The tag uses a RFID device with an alterable parameter in order to selectively actuate a disposal system to receive a particular type of waste material.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.736/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : WASTE WATER PURIFICATION PLANT AND METHOD FOR PURIFYING WASTE WATER

(51) International classification	:C02F 3/30
(31) Priority Document No	:102009039316.1
(32) Priority Date	:31/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/005310
Filing Date	:30/08/2010
(87) International Publication No	:WO/2011/023408
(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)HARTWIG, PETER
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(72)**Name of Inventor :**
1)HARTWIG, PETER

(57) Abstract :

The invention relates to a waste wafer purification plant having a) an intake mixing tank (3), b) a combined reaction and sedimentation tank (1, 2) having a first and a second tank section, c) wherein d) a first connection point (11) is arranged between the intake mixing tank (3) and the first tank section (1) in the lower tank region of the first tank section (1), c2) a first pump (12) is arranged at the first connection point (i 1) and can be actuated to convey return sludge from the first tank section (1) into the intake mixing tank.(3), c3) a first clarified water drain point (13) is arranged k the upper tank.region of the first tank section (I), and d) wherein di) a second connection point (21) is arranged between the intake mixing tank (3) and the second tank section (2) in the lower tank region of the second tank section (2), d2) a second pump (22) is arranged at the second connection point (21) and can be actuated to convey return sindge from the second tank section into the intake mixing tank (3), and d3) a second clarified water drain point (23) is arranged in. the upper tank region of the second tank section (2). The invention also relaies to a method for purifying waste water, in particular for the biological purification of waste water according to the activated sludge process, and to a method for after-treating the activated sludge.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.725/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : NANOCRYSTAL TITANIUM ALLOY AND PRODUCTION METHOD FOR SAME

(51) International classification	:C22C 14/00,C22F 1/00
(31) Priority Document No	:2009-221214
(32) Priority Date	:25/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/066379
Filing Date	:22/09/2010
(87) International Publication No	:WO/2011/037127
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)LEE, SANG-HAK

2)ONO, YOSHIKO

3)IKAI, KAZUYA

4)MATSUMOTO, HIROAKI

5)CHIBA, AKIHIKO

(57) Abstract :

Disclosed is a Ti alloy having high strength and excellent workability, and which is suitable for materials for various types of manufacturing such as vehicle manufacturing. Also disclosed is a production method for the Ti alloy. The α martensitic phase structure of the alloy is hot worked under conditions in which dynamic recrystallisation occurs. The processing conditions are that the temperature is increased at a heating rate of 50-800°C/sec, the strain rate at 700-800°C is 0.01-10/sec, the strain rate between 800°C and 1000°C noninclusive is 0.1-10/sec, and the strain is 0.5 or more. Thus, equiaxed crystals with an average crystal grain diameter below 1000nm are obtained.

No. of Pages : 40 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.726/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TREATMENT SYSTEM OF WET ORGANIC WASTE

(51) International classification	:B09B 3/00,C02F 11/12
(31) Priority Document No	:2009-239069
(32) Priority Date	:16/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/068016
Filing Date	:14/10/2010
(87) International Publication No	:WO/2011/046162
(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)KOBAYASHI, TAKAITSU

(57) Abstract :

Provided is a treatment system whereby a wet organic waste can be effectively treated and CO₂ produced in the course of the treatment can be stabilized to thereby contribute to the reduction of CO₂ emission. The treatment system is characterized by comprising microbiologically fermenting a wet organic waste in a fermenter, combusting in a furnace a fermented material obtained from the fermenter and, at the same time, supplying to the furnace a fermentation gas produced by the microbiological fermentation in the fermenter, and then recovering and stabilizing CO₂ in a hot exhaust gas evolved during the combustion in the furnace.

No. of Pages : 33 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.737/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PERMANENTLY RESHAPING THE HAIR BY MEANS OF A MERCAPTOSILOXANE, USE AND COMPOSITION

(51) International classification	:A61K 8/46,A61K 8/899
(31) Priority Document No	:0956762
(32) Priority Date	:29/09/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/064031
Filing Date	:23/09/2010
(87) International Publication No	:WO/2011/039097
(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)PLOS, GREGORY

2)LERDA, PATRICE

3)BOUCHARA, ANNE

(57) Abstract :

The invention relates to a method for cosmetic treatment of the hair during an operation for permanent waving of the hair, comprising - a step of breaking the keratin disulphide bonds, by application to the keratin fibres of a composition (A) comprising one or more agents which break keratin disulphide bonds, then, optionally, - a fixing step aimed at closing said disulphide bonds again, by application of an oxidizing composition (B) to the keratin fibres in the case of the use of a reducing agent as breaking agent, it being understood that one or more silicones (i) having a molecular weight of less than 10 000 and functionalized with one or more mercapto groups are introduced into the composition (A) and/or into the oxidizing composition (B) and/or applied to the keratin fibres between the step of applying the composition (A) and the step of fixing by applying the oxidizing composition (B), by means of an intermediate composition (C) containing said silicone(s), wherein said method comprises a step of heating the hair at a temperature ranging from 60 to 220°C after application of the silicone(s) (i).

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.755/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND SYSTEM FOR POLYPEPTIDE PURIFICATION

(51) International classification	:C07K 1/16,C07K 1/36
(31) Priority Document No	:09169911.6
(32) Priority Date	:10/09/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP10/063295
Filing Date	:10/09/2010
(87) International Publication No	:WO/2011/029898
(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)WHICKMAN, MARK R.

2)MANSOOR, SAM

(57) Abstract :

The present invention provides a method and automated system for the purification of polypeptides including the direct filtration of solutions containing the polypeptides after purification.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.724/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR APPLYING A METAL COATING TO A NON-CONDUCTIVE SUBSTRATE

(51) International classification	:C23C 18/31
(31) Priority Document No	:09171442.8
(32) Priority Date	:28/09/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/005851
Filing Date	:22/09/2010
(87) International Publication No	:WO/2011/035921
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)WU, WEI, JIE

2)PAN, KE, LIANG

(57) Abstract :

Described is a new process for applying a metal coating to a non-conductive substrate comprising the steps of (a) contacting the substrate with an activator comprising a noble metal/group IVA metal sol to obtain a treated substrate, (b) contacting said treated substrate with a composition comprising a solution of: (i) a Cu(II), Ag, Au or Ni soluble metal salt or mixtures thereof, (ii) 0.05 to 5 mol/l of a group IA metal hydroxide and (iii) a complexing agent for an ion of the metal of said metal salt comprising an organic material having a cumulative formation constant log K of from about 0.73 to about 21.95 for an ion of the metal of said metal salt, characterised in that the composition according to step (b) is treated with an electrical current for a period of time prior to and / or during contacting said solution with the substrate.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.758/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DISPOSABLE DIAPER

(51) International classification	:A61F 13/15
(31) Priority Document No	:2009-230041
(32) Priority Date	:01/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP10/005925
Filing Date	:01/10/2010
(87) International Publication No	:WO/2011/040046
(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)SAKAGUCHI, SATORU

2)OKU, TOMOMI

3)MATSUSHIMA, HIDEKI

(57) Abstract :

A disposable diaper includes: a main body having a liquid-permeable topsheet, a liquid-impermeable outer sheet an absorber provided between the topsheet and the outer sheet, and a gather. The .gather includes a plurality of elastic members arranged in a width direction outboard of the absorber. The elastic members are fixed to the gather in a state where the elastic members are stretched in a longitudinal direction. A side flap is located in one of end portions of the main, body in the longitudinal direction and projects outwardly beyond at least one of end portions of the main body in the width direction. A joint portion joins the side flap and the main body. In a spread-out state of the disposable diaper, an outermost elastic member among the elastic members is arranged outboard of the joint portion in the width direction

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.759/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A SUPERCHARGER WITH TWO INTERMESHING ROTORS AND DISC CLUTCH

(51) International classification	:F02B 39/12
(31) Priority Document No	:0950723.7
(32) Priority Date	:02/10/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/051037
Filing Date	:28/09/2010
(87) International Publication No	:WO/2011/040869
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)PETTERSSON, ROBERT
2)HAGGLUND, HENRIK

(57) Abstract :

The invention concerns a supercharger that has two rotors engaging into each other and is provided with a disc clutch. The disc clutch has driving (9) and driven (12) clutches connected with a drive shaft (7) and with one of the rotors, respectively. Furthermore, there is an axially displaceable pressing body (15) as well as actuation device (13) for the same and a deactuation spring (17). According to the invention, the disc clutch comprises a stop device (18, 19) that limits the axial movement of the pressing body (15) in the deactuation direction. The stop device (18, 19) consists of an impact means (18) on the pressing body (15) or on the driven clutch holder (11) and a stop means (19) on the other component. The impact means (18) is axially fixed while the stop means (19) is attached by a friction joint.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.760/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ELECTROLYTIC CATHODE STRUCTURE AND ELECTROLYZER USING THE SAME

(51) International classification	:C25B 9/04,C25B 11/08
(31) Priority Document No	:2010-200000
(32) Priority Date	:07/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP11/050063
Filing Date	:05/01/2011
(87) International Publication No	:WO/2012/032793
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MADONO AKIHIRO

2)OKAMOTO MITSUMASA

(57) Abstract :

Provided are an electrolytic cathode structure that can suppress the degradation of an activated cathode even if a reverse current flows upon the stoppage of operation of an electrolyzer in an electrode structure allowing the distance between the electrode and an electrode current collector to be maintained at an approximately constant value, and an electrolyzer using the same. The electrolytic cathode structure includes a metal elastic cushion member 1 compressed and accommodated between an activated cathode 2 and a cathode current collector 3. At least a surface layer of the cathode current collector 3 consumes a larger oxidation current per unit area than the activated cathode. The electrolyzer is partitioned by an ion exchange membrane into an anode chamber for accommodating an anode and a cathode chamber for accommodating a cathode. The electrolytic cathode structure is used for the cathode.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.756/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR PREPARING PYRIMIDINE DERIVATIVES USEFUL AS PROTEIN KINASE INHIBITORS

(51) International classification :C07D 475/00
(31) Priority Document No :61/245,773
(32) Priority Date :25/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB10/002655
Filing Date :24/09/2010
(87) International Publication No :WO/2011/036566
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)CHARRIER, JEAN-DAMIEN
2)DURRANT, STEVEN
3)O'DONNELL, MICHAEL

(57) Abstract :

A method of preparing a compound represented by Structural Formula (I), or a pharmaceutically acceptable salt thereof wherein the variables of Structural Formula (T) are as described in The specification and claims, comprises the steps of: a) reacting a compound represented by Structural Formula (A) with FTNRJR7 under suitable conditions to form a compound represented by Structural Formula (B); and b) i) when R12 is -NO₂, and RH is -OR14: 1) cyclizing the compound represented by Structural Formula (B) under suitable cyclisation conditions to form a compound represented by Structural Formula (II); and 2) optionally reacting the compound represented by Structural Formula (H) with R9-LG₂, wherein LG₂ is a suitable leaving group, to form the compound represented by Structural Formula (I), wherein R8 is R9; or ii) when R12 is halogen, and R11 is -NHR13: 1) cyclizing the compound represented by Structural Formula (B) under suitable cyclisation conditions to form the compound represented by Structural Formula (I); and 2) optionally, when R13 is - H, reacting the compound produced from step b), ii), 1) with R9-LG₂, wherein LG₂ is a suitable leaving group, to form the compound represented by Structural Formula (I) wherein Rg is R9.

No. of Pages : 139 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.757/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENDOTRACHEAL TUBE APPARATUS

(51) International classification :A61N 1/05
(31) Priority Document No :61/248,294
(32) Priority Date :02/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US10/051132
Filing Date :01/10/2010
(87) International Publication No :WO/2011/041684
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)STANISLAUS, CHARLES

3)LI, WENJENG

4)YAMASAKI, SONNY

5)BRUNETT, WILLIAM

6)MCFARLIN, KEVIN

7)HISSONG, BRITT

8)VACCARO, ROB

9)MURPHY, JOHN

10)PAGOTTO, CARLA

11)SCHULER, TINO

(57) Abstract :

An apparatus for monitoring EMG signals of a patient's laryngeal muscles includes an endotracheal tube having an exterior surface. Conductive ink electrodes are formed on the exterior surface of the endotracheal tube. The conductive ink electrodes are configured to receive the EMG signals from the laryngeal muscles when the endotracheal tube is placed in a trachea of the patient. At least one conductor is coupled to the conductive ink electrodes and is configured to carry the EMG signals received by the conductive ink electrodes to a processing apparatus.

No. of Pages : 65 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.765/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ANTI-BOLUS CONTROL METHOD AND CORRESPONDING DEVICE

(51) International classification	:A61M 5/145
(31) Priority Document No	:0956874
(32) Priority Date	:02/10/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/064450
Filing Date	:29/09/2010
(87) International Publication No	:WO/2011/039250
(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)TRAVERSAZ, PHILIPPE
2)ARCHAT, DAMIEN

(57) Abstract :

The invention concerns a method of controlling the movement of the push device of a pump of the syringe driver-type, the pump comprising a casing (100), a syringe cradle (200) in which a syringe (400) is placed, a push device (300) mobile relative to the casing (100) and capable of being driven in rotation parallel to the longitudinal axis of the syringe by driving means, clutch means (310, 350, 351) for engaging or disengaging the push device (300) on the driving means. In the method of the invention, the push device (300) is, first of all, disengaged from the driving means, which makes it possible to move it manually, and the presence or absence of a contact between the push device (300) and the syringe head (401) is determined. If the push device is not in contact with the syringe head, it is advanced manually toward the latter. As soon as the push device comes in contact with the syringe head, the advance movement of the push device is stopped. Blocking of the advance movement of the push device is triggered only if, at the beginning of the operation, the push device was not in contact with the syringe head. Contrary to the state of the art, it is not the syringe piston that is blocked, but the movement of the push device that is stopped as soon as there is contact between the syringe and the push device.

No. of Pages : 37 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.766/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : REUSABLE ENVELOPE

(51) International classification	:B65D 27/06
(31) Priority Document No	:0915244.8
(32) Priority Date	:02/09/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/051442
Filing Date	:02/09/2010
(87) International Publication No	:WO/2011/027153
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)HIPPLEWITH, JOANNE

(57) Abstract :

Postal packaging for an item for posting, the packaging comprising one or more detachable labels having a back surface for affixing over used postage marks (1.2) on said packaging and a front surface for displaying the postage payment for re-posting the package. There is further provided a plurality of address labels (1.4), each for displaying a postage address and being independently detachable from said packaging for removing the previous postage address from display prior to re-posting the package.

No. of Pages : 16 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.767/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PAPERMAKERS' FORMING FABRIC INCLUDING PAIRS OF MACHINE SIDE COMPLEMENTARY YARNS

(51) International classification	:D21F 7/08,D03D 13/00
(31) Priority Document No	:2,680,924
(32) Priority Date	:29/09/2009
(33) Name of priority country	:Canada
(86) International Application No	:PCT/CA2010/001546
Filing Date	:29/09/2010
(87) International Publication No	:WO/2011/038498
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)STONE, RICHARD

(57) Abstract :

A multilayer woven industrial fabric comprises at least two layers of weft yarns interwoven with at least one system of warp yarns. At least some of the machine side (MS) weft yarns are arranged as complementary pairs, such that for each pair, the members follow mutually complementary paths, and exchange positions with each other so that, in the MS surface, the path of a pair of weft yarns appears to be that of a single yarn. The complementary weft yarns interweave only with the MS warp yarns and do not appear in the paper side. The unique MS weft yarn arrangement allows for the use of smaller yarns, while increasing fabric stiffness and dimensional stability, and is applicable to any multi-layer fabric design which includes at least two layers of weft yarns and one system of warp yarns.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.770/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR RECYCLING OF PHENOLIC ANTIOXIDANT AGENT, PROCESS FOR PRODUCTION OF OLEFIN POLYMER, POLYOLEFIN POWDER, AND FIBERS

(51) International classification	:C08F 6/00,C08F 10/00
(31) Priority Document No	:2009-204701
(32) Priority Date	:04/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP10/064954
Filing Date	:01/09/2010
(87) International Publication No	:WO/2011/027793
(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 :

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2)AYABE TAKASHI

3)URUSHIHARA TSUYOSHI

4)OKAMOTO KOHEI

5)SEGUCHI TETSUYA

(57) Abstract :

Provided are a recycling method for industrially, simply and effectively recycling a phenolic body from a phenolic antioxidant which is masked by an organoaluminum compound and contained in an olefin polymer obtained by supplying the masked phenolic antioxidant upon polymerization; and an olefin polymer obtained by this method. In a method for recycling a phenolic antioxidant wherein a phenolic antioxidant which is masked by an organoaluminum compound and contained in an olefin polymer obtained by supplying the masked phenolic antioxidant upon polymerization is recycled to a phenolic body, a nitrogen gas comprising water and/or a proton donor at a volume ratio of 1.0×10^{-6} to 2.5×10^{-2} with respect to 1 volume of nitrogen is brought into contact with the olefin polymer.

No. of Pages : 69 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.772/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEVICE FOR PUSHING GLASS OBJECTS ONTO A CONVEYOR BELT

(51) International classification :B65G 47/82
(31) Priority Document No :102010025168.2
(32) Priority Date :25/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP11/001496
Filing Date :25/03/2011
(87) International Publication No :WO/2011/160739
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FELGENHAUER, BENEDIKT
2)HUEBNER, MATTHIAS

(57) Abstract :

Device for pushing glass objects onto a conveyor belt A device for pushing glass objects onto a conveyor belt consists of a pusher (5), which is supported on a crank arm (6) in such a way that it can be swiveled about an axis (7), which crank arm is in driving engagement with a first electric motor (1) by means of a shaft (12) and a spur-gear transmission. A second electric motor (2) is in driving engagement with a sleeve (20) by means of a cantilever (18), in which sleeve the shaft (12) is mounted, wherein the shaft (12) can be swiveled about a central stationary axis (19). A third electric motor (3) is in driving engagement by means of a further spur-gear transmission by means of a hollow shaft (8), which within the sleeve (20), supporting the shaft (12) [sic], with an annular element (28) on which one end of a push rod is supported in such a way that it can be swiveled about an axis, the other end of the push rod is supported on the pusher (5) in such a way that it can be swiveled about an axis, so that a rotational motion of the said third electric motor (3) can be converted into a swivel motion of the pusher (5) about the axis (7). All transmission components are in the pot-like upper part (33) of a housing (4), and specifically below the plane of a dead plate. The low number of transmission stages results in a design that is very simple, compact and protected against environmental influences and thus results in particular suitability for use under the operating conditions of a glassworks.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.733/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHASE ANGLE DRIFT METHOD FOR LOSS OF MAINS/GRID PROTECTION

(51) International classification :H02J 3/38
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2009/062666
Filing Date :30/09/2009
(87) International Publication No :WO/2011/038756
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DYSKO, ADAM
3)BURT, GRAEME

(57) Abstract :

The invention concerns a phase angle drift method for loss of mains/grid protection, wherein the accumulated electrical phase angle drift derived from the difference between the current measured local frequency and the estimated frequency using historical data is compared to a angle threshold with the phase angle draft α_n being such that : Formula (3), where : n : Sample index α_n : Updated phase angle α_{n-12} : Previous phase angle \hat{E}'_{nest} : Estimated frequency \hat{E}'_n : Measured frequency T : Time interval between algorithm executions the estimated grid frequency being calculated using the following equation in which the key parameters are the historical delay, D cycles, and the window, W cycles, over which the estimated frequency is calculated : Formula (4), where : $\hat{E}'_n - D - w$: Oldest frequency value $\hat{E}'_n - D$: Newest frequency TD : Historical time delay T_w : Estimation window wherein the addition/substraction of the phase angle increase/decrease calculated for the half cycle in equation (3) is not carried out unless the frequency difference between the estimated frequency \hat{E}'_{nest} and the measured frequency \hat{E}'_n is greater or equal to a first determined value.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.781/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : WOVEN PREFORM, COMPOSITE, AND METHOD OF MAKING THEREOF

(51) International classification	:D03D 3/08
(31) Priority Document No	:61/247,777
(32) Priority Date	:01/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050639
Filing Date	:29/09/2010
(87) International Publication No	:WO/2011/041355
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
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(57) Abstract :

A three dimensional woven preform, a fiber reinforced composite incorporating the preform, and methods of making thereof are disclosed. The woven preform includes two or more warp steered fabrics. The warp steered fabrics include a darted portion and an un-darted portion. The darted portions of the warp steered fabrics are joined to un-darted portions of one another so as to provide continuous fiber in the circumferential and radial directions of all portions of the preform. An un-darted portion in one steered fabric reinforces a darted portion in the other. The warp steered fabrics can be woven on a loom equipped with a differential take-up mechanism. The warp steered fabrics can be single or multilayer fabrics. The final preform can be a portion of an aircraft window frame.

No. of Pages : 20 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.785/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BIFURCATED HIGHLY CONFORMABLE MEDICAL DEVICE BRANCH ACCESS

(51) International classification :A61F 2/06,A61F 2/88
(31) Priority Document No :61/250,313
(32) Priority Date :09/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US10/051974
Filing Date :08/10/2010
(87) International Publication No :WO/2011/044459
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)WOLFE, ROARK, N.
5)DAUGHERTY, JOHN, R.
6)KOVACH, LARRY, J.

(57) Abstract :

The present invention comprises a highly conformable stent graft with an optional portal for a side branch device. Said stent, graft comprises a graft being supported by a stent, wherein said stent comprises undulations each which comprise apices in opposing first and second directions and a tape member attached to said stent and said graft such that the tape member edge is aligned to the edge of the apices in the first direction of the each of the undulations, thus confining the apices in the first direction of the undulations to the graft and wherein the apices in the second direction of the undulation are not confined relative to the graft; wherein said graft forms unidirectional pleats where longitudinally compressed and wherein said apices in the first direction of said undulation is positioned under, adjacent pleat when compressed. The invention also discloses and claims methods of making and using said highly conformable stent graft and method of making the optional portal.

No. of Pages : 59 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION

(21) Application No.773/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DISPOSABLE DIAPER

(51) International classification	:A61F 13/15
(31) Priority Document No	:2009-230042
(32) Priority Date	:01/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP10/005924
Filing Date	:01/10/2010
(87) International Publication No	:WO/2011/040045
(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)MATSUSHIMA, HIDEKI

(57) Abstract :

A disposable diaper includes: a main body, a side flap, and a pair of fastening tapes. The main body includes a liquid permeable top-sheet, a liquid impermeable outer sheet, and an absorber between the top-sheet and the outer sheet. The side flap covers one of edge portions of the main body in a longitudinal direction and has a greater dimension in a width direction than the main body. The fastening tapes are attached to respective edge portions, in the width direction, of the side flap and configured to be fastened onto a fastening portion on an opposite one of the edge portions of the main body. One of edge portions of the absorber in the longitudinal direction is located inboard of an outer imaginary line connecting outermost points of the fastening tapes in the longitudinal direction.

No. of Pages : 26 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.774/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR DECREASING IMMUNOGENICITY

(51) International classification :C07K 16/00

(31) Priority Document No :61/289,446

(32) Priority Date :23/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/CH10/000326

Filing Date :21/12/2010

(87) International Publication No :WO/2011/075861

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

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2)GUNDE, TEA

3)URECH, DAVID

(57) Abstract :

A method for decreasing the immnogenicity of antibody variable domains is disclosed.

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.777/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYSTEM AND METHOD FOR PRODUCING, FILLING, PACKAGING AND/OR TRANSPORTING BEVERAGES

(51) International classification	:H02J 11/00
(31) Priority Document No	:10 2009 044 258.8
(32) Priority Date	:15/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/063211
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/045126
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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NÜUTRABLING, GERMANY.

(72)Name of Inventor :

1)KLAUS WASMUHT

2)ALBERT LINK

(57) Abstract :

The present invention relates to a system and a method for the production, filling, packaging and / or transport of beverages in beverage containers. The system components are coupled physically and by a common control unit. Furthermore the system components are coupled at least partially energetically. The system components form mutually coupled energy conversion units, energy storage units and / or energy consumption units. The system components are provided with energy from one common energy generating device, which supplies mechanical operating power (wave energy) and / or electrical energy and / or thermal energy to the system components.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.782/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : WOVEN PREFORM, COMPOSITE, AND METHOD OF MAKING THEREOF

(51) International classification	:D03D 3/08
(31) Priority Document No	:61/247,808
(32) Priority Date	:01/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050749
Filing Date	:29/09/2010
(87) International Publication No	:WO/2011/041435
(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)ALBANY ENGINEERED COMPOSITES, INC.

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NEW HAMPSHIRE 03867, UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)GOERING, JONATHAN

2)ROWLES, CRAIG

(57) Abstract :

A three dimensional woven preform, a fiber reinforced composite incorporating the preform, and methods of making thereof are disclosed. The woven preform includes one or more layers of a warp steered fabric. A portion of the warp steered fabric is compressed into a mold to form an upstanding leg. The preform includes the upstanding leg and a joggle in a body portion. The body portion and upstanding leg are integrally woven so there is continuous fiber across the preform. A portion of the warp steered fabric includes stretch broken carbon fibers in the warp direction, and another portion includes conventional carbon fibers. The warp steered fabric can be woven on a loom equipped with a differential take-up mechanism. The warp steered fabric can be a single or multilayer fabric. The preform or the composite can be a portion of an aircraft window frame.

No. of Pages : 22 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2012

(21) Application No.788/MUMNP/2012 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : FABRIC CONDITIONERS

(51) International classification	:C11D 3/00,C11D 3/12
(31) Priority Document No	:EP09172405
(32) Priority Date	:07/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/063128
Filing Date	:07/09/2010
(87) International Publication No	:WO/2011/042275
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)BOARDMAN CHRISTOPHER

2)EBBRELL LESLEY

3)JONES DAVID ANDREW ROSS

(57) Abstract :

Use of a metal oxide as an ingredient in a fabric conditioner composition enables the fabrics treated with the composition to deliver a cool feel benefit to the wearer, wherein the fabric conditioner composition comprises a softening active and the metal oxide has a particle size in the range of from 1 to 400 nm, and is present in an amount of from 2.5 to 40 wt %, based on the weight of the total composition.

No. of Pages : 34 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.789/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SHADING COMPOSITION

(51) International classification	:C11D 3/40,C09B 17/02
(31) Priority Document No	:EP09172564
(32) Priority Date	:08/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/064682
Filing Date	:01/10/2010
(87) International Publication No	:WO/2011/042372
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)BATCHELOR STEPHEN NORMAN

2)BIRD JAYNE MICHELLE

3)JOYCE SUSAN BARBARA

(57) Abstract :

The present invention provides a laundry treatment composition comprising a cationic phenazine dye.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.792/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR MANUFACTURING LEAF TEA

(51) International classification	:A23F 3/06
(31) Priority Document No	:EP09173477
(32) Priority Date	:20/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/065288
Filing Date	:12/10/2010
(87) International Publication No	:WO/2011/047991
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SHARP DAVID GEORGE

2)SMITH ALISTAIR DAVID

(57) Abstract :

Disclosed is a process for manufacturing leaf tea. The process comprising the steps of: providing a supply of fresh tea leaves comprising catechins; macerating the fresh tea leaves to produce dhool; fermenting the dhool for a first fermentation time sufficient to reduce the content of catechins in the dhool to less than 50% of the content of catechins in the fresh tea leaves prior to maceration on a dry weight basis before expressing juice from the dhool thereby to produce leaf residue and tea juice; contacting at least part of the tea juice with at least part of the leaf residue to provide a tea mixture; and then drying the tea mixture to produce the leaf tea.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.795/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : POLYCOSANOL ASSOCIATIVE MONOMERS, CORRESPONDING ASSOCIATIVE THICKENERS AND USES THEREOF

(51) International classification	:C08F 220/06
(31) Priority Document No	:09 04335
(32) Priority Date	:11/09/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2010/001782
Filing Date	:20/07/2010
(87) International Publication No	:WO/2011/030191
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SUAN, JEAN-MARC

2)RUHLMANN, DENIS

(57) Abstract :

The present invention relates to novel associative monomers, ending in a hydrophobic chain made from polycosanol, which are bio-sourced raw materials, and in particular octocosanol. The invention also relates to HASE associative copolymers produced using said monomers, (meth)acrylic acid and an ester of said acids. The invention finally relates to the use of said copolymers as thickening agents for aqueous formulations.

No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.796/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND APPARTUS THAT MAKES THICKNESS OF ABSORBENT BODY THIN

(51) International classification :A61F 13/15
(31) Priority Document No :2009-240708
(32) Priority Date :19/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/067735
Filing Date :08/10/2010
(87) International Publication No :WO/2011/048963
(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)UNI-CHARM CORPORATION
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(72)Name of Inventor :
1)OGASAWARA, YOSHIKAZU
2)YANO, TAKANORI
3)ISHIKAWA, MASAHIKO

(57) Abstract :

A method for reducing the thickness of an absorption body having liquid absorptive fibers and a highly absorptive polymer. The method involves (1) conveying the absorption body by moving the absorption body while holding the absorptive body on a holding surface by sucking gas from gas suction holes in the holding surface, and (2) reducing the thickness of the absorption body by sucking a belt member, which is disposed so as to face the movement path of the holding surface and so as to be able to move along the movement path within a predetermined range of the movement path, in the predetermined range toward the holding surface by sucking gas from the gas suction holes and sandwiching the absorption body between the holding surface and the belt member.

No. of Pages : 50 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.797/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND APPARATUS FOR MANUFACTURING A COMPOSITE OF A CONTINUOUS SHEET FOR AN ABSORBENT ARTICLE

(51) International classification	:A61F 13/15
(31) Priority Document No	:2009-240709
(32) Priority Date	:19/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067619
Filing Date	:07/10/2009
(87) International Publication No	:WO/2011/048954
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)OGASAWARA, YOSHIKAZU
2)MIYAZAKI, KAZUYO

(57) Abstract :

A method for manufacturing a composite of continuous sheets by dividing a first continuous sheet into strip sheets which have a predetermined length and then applying the strip sheets to a second continuous sheet in the direction of the continuation thereof at predetermined application pitches. The method involves (1) continuously supplying the first continuous sheet to the outer peripheral surface of a roller at a first speed which is lower than the circumferential speed of the roller and holding the first continuous sheet on the outer peripheral surface while causing the first continuous sheet to slide on the outer peripheral surface, (2) forming the strip sheets by causing a cutter, which is disposed at a predetermined position of the roller in the circumferential direction so as to face the outer peripheral surface, to divide the first continuous sheet when a cutter receiving blade, which is provided to the outer peripheral surface, passes through the position of the cutter, (3) conveying the formed strip sheets in the circumferential direction at the circumferential speed while holding the formed strip sheets on the outer peripheral surface, (4) selecting, as the second continuous sheet, one of continuous sheets including a continuous sheet which is conveyed at a second speed which is higher than the peripheral speed, and also including a continuous sheet which is conveyed at a third speed which is higher than or equal to the peripheral speed and lower than the second speed, and (5) supplying the selected continuous sheet toward the outer peripheral surface of the roller, which rotates at the circumferential speed, and applying the strip sheets, which are on the outer peripheral surface, to the selected continuous sheet.

No. of Pages : 55 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.753/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ORGANIC PHOTOVOLTAIC CELL STRUCTURE

(51) International classification :H01L 31/04

(31) Priority Document No :61/237,824

(32) Priority Date :28/08/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/CA2010/001316

Filing Date :27/08/2010

(87) International Publication No :WO/2011/022825

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)POWNALL-RYAN, CHARLES V

(57) Abstract :

The present invention provides a photovoltaic (PV) cell structure for enabling the conversion of incident light to potential electrical energy. The PV cell comprises at least one energy guiding means for converting incident light to potential electrical energy. The energy guiding means includes at least one electron donor and at least one electron acceptor adapted to be linked to a load therebetween. The electron donor is operable to release electrons based on absorption of photons and the electron acceptor may be operable to accelerate photons towards the electron donor and attract electrons released by the electron donor. The electron donor may include at least one photon receptor adapted to have a surface disposed at an angle normal to a range of incident photon angles.

No. of Pages : 50 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.754/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DRUG FUSIONS AND CONJUGATES WITH EXTENDED HALF LIFE

(51) International classification	:A61P 3/08
(31) Priority Document No	:61/247,346
(32) Priority Date	:30/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP10/064020
Filing Date	:23/09/2010
(87) International Publication No	:WO/2011/039096
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)HAMILTON, BRUCE

2)HERRING, CHRISTOPHER

3)PAULIK, MARK, ANDREW

(57) Abstract :

The present invention relates to drug fusions and conjugates that have improved serum half lives. These fusions and conjugates comprise immunoglobulin (antibody) single variable domains and insulinotropic and/or incretin and/or gut peptide molecules. The invention further relates to uses, formulations, compositions and devices comprising such drug fusions and conjugates. The invention also relates to compositions which comprise more than one insulinotropic and/or incretin and/or gut peptide molecules present as part of a fusion or conjugate and to uses and formulations thereof.

No. of Pages : 100 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.801/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : INSTALLATION FOR PRODUCING A COAL CAKE SUITABLE FOR COKING

(51) International classification	:C10B 45/02
(31) Priority Document No	:10 2009 050 731.0
(32) Priority Date	:26/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006413
Filing Date	:20/10/2009
(87) International Publication No	:WO/2011/050918
(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)OUTOTEC OYJ

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(72)Name of Inventor :

1)HOLL, NORBERT

(57) Abstract :

To provide an installation for producing a coal cake suitable for coking which can in principle have any desired formats, but in particular also very large formats adapted to large-format coking oven chambers, it is proposed according to the invention, for the vibratory compaction of granular raw coal materials, to arrange at least one vibrating station (10 or 16) with a push-table vibrating machine with an oscillatorily mounted vibrating table on which a mould box to be filled with a batch of the raw coal material can be clamped, the successively vibration-compacted cuboidal coal blocks being stackable and a transporting device introducing the coal cake that can be put together from a multiplicity of coal blocks into an empty coking oven chamber for the purpose of coking and coke production.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.802/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MOLDABLE WIRE THREAD INSERT, METHOD FOR ITS PRODUCTION, COMPONENT WITH A MOLDABLE WIRE THREAD INSERT AS WELL AS A METHOD FOR ITS PRODUCTION

(51) International classification	:F16B 37/12
(31) Priority Document No	:102009048160.5
(32) Priority Date	:02/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006053
Filing Date	:04/10/2010
(87) International Publication No	:WO/2011/038939
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)GRUBERT, KLAUS, FRIEDRICH
2)STUMPF, MICHAEL
3)SUTZ, XAVIER
4)RINTELMANN, JOCHEN

(57) Abstract :

The invention relates to a moldable wire thread insert (1) for reinforcing a screw opening of a component comprising the following characteristics: a cylindrical spiral (20) formed by a helically wound wire (10), wherein neighboring windings (30) of said spiral are arranged such that a closed cylindrical spiral wall (22, 24) is present, while at least one end of the cylindrical spiral (20) comprises a fastening flange (40) that extends radially outward over the cylindrical spiral wall (22, 24) and by which the wire thread insert (1) can be anchored in the component, and/or an end of the cylindrical spiral (20) is designed planar to form a flat axial end face of the cylindrical spiral (20).

No. of Pages : 40 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.798/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CONTROL PIN AND SPOUT SYSTEM FOR HEATING METAL CASTING DISTRIBUTION SPOUT CONFIGURATIONS

(51) International classification :C21C 5/42

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/005556

Filing Date :08/10/2009

(87) International Publication No :WO/2011/043759

(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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WA 99216, UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)COOPER, TIMOTHY, JAMES

2)IMTHURN, JAMES, A.

(57) Abstract :

A control pin system, including an apparatus and method, for use in controlling the flow of molten metal in a molten metal distribution system for casting, with some aspects of the control pin including: a control pin body with an internal cavity and an outer surface, wherein the outer surface is sized and configured to operatively interact with an internal surface of a spout to effectively control the flow of molten metal through a spout aperture; and a heater element within the internal cavity of the control pin body. In other embodiments, the heater may be located within the spout body and transferring heat to the control pin.

No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.804/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ANTIBIOTIC COMPOUNDS

(51) International classification	:C07K 5/10
(31) Priority Document No	:61/239,186
(32) Priority Date	:02/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/053897
Filing Date	:31/08/2010
(87) International Publication No	:WO/2011/027290
(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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OF MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)MISHRA, PRABHU DUTT

2)MAHAJAN, GIRISH BADRINATH

(57) Abstract :

This invention relates to novel purified compounds of Formula (I). The invention includes all stereoisomeric forms and all tautomeric forms of the compounds of Formula (I) and pharmaceutically acceptable salts and derivatives. The present invention further relates to processes for the production of the novel antibacterial compounds by fermentation of the microorganism belonging to Streptomyces species (PM0626271 /MTCC 5447) and to pharmaceutical compositions containing one or more of the novel compounds as active ingredient and their use in medicines for treatment and prevention of diseases caused by bacterial infections.

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.805/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LACTOBACILLUS PLANTARUM STRAINS AS HYPOCHOLESTEROLEMIC AGENTS

(51) International classification	:A61K 35/74,A61P 9/00
(31) Priority Document No	:09172613.3
(32) Priority Date	:09/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/064304
Filing Date	:28/09/2010
(87) International Publication No	:WO/2011/042333
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)CUNE CASTELLANA, JORDI

(57) Abstract :

The invention relates to a composition comprising an effective amount of at least one of the strains selected from the group consisting of Lactobacillus plantarum CECT 7527, Lactobacillus plantarum CECT 7528, and Lactobacillus plantarum CECT 7529, These new strains have good probiotic features and are useful for the prevention and/or the treatment of cardiovascular disorders.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.806/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : USE OF INSECTICIDE-COMPRISING POLYMER PARTICLES FOR IMPROVING THE SOIL MOBILITY OF INSECTICIDES, INSECTICIDE FORMULATIONS, INSECTICIDE-COMPRISING POLYMER PARTICLES, AND METHODS FOR CONTROLLING PESTS

(51) International classification :A01N 25/04
(31) Priority Document No :09172450.0
(32) Priority Date :07/10/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP10/064995
Filing Date :07/10/2010
(87) International Publication No :WO2011/042495
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)REINHARD, KLAUS
2)TURK, HOLGER
3)HAHN, PETER
4)SCHRODER-GRIMONPONT, TINA
5)ISHAQUE, MICHAEL
6)JUNG, MARE, RUDOLF

(57) Abstract :

Polymer particles, comprising a) at least one sparingly soluble insecticide from the group consisting of fipronil, allethrin, alpha-cypermethrin, beta-cyfluthrin, bifenthrin, bioallethrin, 4-chloro-2-{2-chloro-2-methylpropyl)-5-[(6-iodo-3-pyridinyl)methoxy]-3(2H)-pyridazinone (CAS-RN: 120955-77-3), chlorantraniliprole, chlorfenapyr, cyantraniliprole, cyfluthrin, cyhalothrin, cypermethrin, deltamethrin, etofen-prox, fenoxycarb, flufenoxuron, hydramethylnon, imidacioprid, indoxacarb, metaflumizone, permethrin, pyriproxifen, tebufenozide and tralomethrin and b) at least one water-insoluble polymer, are suitable for improving the soil mobility of the sparingly soluble insecticide(s).

No. of Pages : 58 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.807/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DISPOSABLE DIAPER

(51) International classification	:A61F 13/42
(31) Priority Document No	:2009-272977
(32) Priority Date	:30/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/006984
Filing Date	:30/11/2010
(87) International Publication No	:WO/2011/065026
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)OKU, TOMOMI

2)SAKAGUCHI, SATORU

3)MATSUSHIMA, HIDEKI

(57) Abstract :

On the back sheet 120 side, back-side recessed portions 135 recessed toward the top sheet 110 are provided in a surface of the absorber 130 of the disposable diaper 1. The back-side recessed portions 135 include multiple grooves 135a, 135b which are continuous in the longitudinal direction L of the absorber 130. The back-side recessed portions 135 is visible from an outside of the back sheet 120 in a state before the disposable diaper 1 is used, and when the absorber absorbs liquid, the depth D of the back-side recessed portions 135 is made smaller than that before the absorber absorbs liquid. When the hydrophilic fiber and the particulate SAP swells, and thereby the absorber 130 expands in at least the thickness direction thereof, the back-side recessed portions 135 seems to disappear from the outside.

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.762/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : APPARATUS FOR TOLERANCE RING CONTROL OF SLIP INTERFACE SLIDING FORCES

(51) International classification :F16D 3/06
(31) Priority Document No :61/245,883
(32) Priority Date :25/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP10/063828
Filing Date :20/09/2010
(87) International Publication No :WO/2011/036126
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
**1)SLAYNE, ANDREW
2)NATU, PARAG**

(57) Abstract :

A tolerance ring comprising a metallic band for spring features and a complementary low friction material for frictional considerations is disclosed. The tolerance ring is designed to operate within a precisely controlled torque or axial force band to provide a defined amount of resistance and sliding force control between components that move relative to each other. Isolated portions of the tolerance ring form regions of contact with adjacent ones of the components. Other surfaces of the tolerance ring comprise portions with spring features that have geometry suitable for their spring rate, rather than conforming to mating surfaces of the adjacent components .

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.763/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HETEROPHASIC POLYPROPYLENE RESIN

(51) International classification	:C08L 23/14,H01B 3/44
(31) Priority Document No	:09013647.4
(32) Priority Date	:29/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/006449
Filing Date	:21/10/2010
(87) International Publication No	:WO/2011/050926
(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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WAGRAMERSTRASSE 17-19, A-1220 VIENNA AUSTRIA.

(72)Name of Inventor :

1)KLIMKE, KATJA

2)DOSHEV, PETAR

(57) Abstract :

Heterophasic polypropylene resin comprising a propylene random copolymer matrix phase (A), and an ethylene-propylene copolymer rubber phase (B) dispersed within the matrix phase wherein the heterophasic polypropylene resin has a MFR (2.16 kg, 230° C) of 1.0 to 100 g/10min, determined according to ISO 1133, and a fraction soluble in p-xylene at 25°C (XCS fraction) which is present in the resin in an amount of 28 to 50 wt%, and which has a molecular weight distribution (MW/Mn) of 1.0 to 4.0.

No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.823/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : GLYCOSYLATED REPEAT-MOTIF-MOLECULE CONJUGATES

(51) International classification	:C07K 16/18
(31) Priority Document No	:09013887.6
(32) Priority Date	:05/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/006728
Filing Date	:04/11/2010
(87) International Publication No	:WO/2011/054519
(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)STEPHEN FISCHER

2)SABINE IMHOF-JUNG

3)ERHARD KOPETZKI

(57) Abstract :

Herein are reported glycosylated repeat-motif-molecule conjugate of the following formula: (repeat-motif-molecule - linkern)m - conjugation partner - (linkero - repeat-motif-molecule)p, wherein n and o are independently of each other and independently for each value of m and p integer values of 0 or 1, and m and p are independently of each other integer values of 0 or 1 or 2 or 3 or 4 or 5 or 6 or 7, and wherein the repeat-motif-molecule conjugate comprises at least one oligosaccharide attached to a glycosylation site. Also reported are encoding nucleic acids and method for producing these repeat-motif-conjugates in mammalian cells.

No. of Pages : 107 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.827/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : VANE PUMP

(51) International classification	:F04C 2/344
(31) Priority Document No	:102009049532.0
(32) Priority Date	:07/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/005540
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/042105
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SCHULZ-ANDRES, HEIKO

2)BOEHM, CHRISTIAN

(57) Abstract :

The invention relates to a vane pump, comprising an upper vane pump, which is associated with a first load, and a lower vane pump, which has a lower vane pressure area and a lower vane suction area, which is connected to the upper vane pump. The invention is characterized in that the lower vane pressure area is separated from the lower vane suction area and is associated with a second load.

No. of Pages : 29 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.828/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING GROUP DIRECTORY SERVICES FOR MOBILE COMMUNICATION DEVICES

(51) International classification	:H04W 4/08
(31) Priority Document No	:61/312,996
(32) Priority Date	:11/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/027661
Filing Date	:09/03/2011
(87) International Publication No	:WO/2011/112659
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)PATTERSON, JAMES, D
2)BROTHERS, SUE, E

(57) Abstract :

A method of providing group directory services for mobile communication devices includes the steps of maintaining a registry of user profiles established and maintained by mobile communication device users, wherein each user profile includes data representative of a user s name and preferred contact method; and permitting a group administrator to access the registry and create a group directory consisting of at least some members who have user profiles in the registry by linking the members user profiles to the group directory.

No. of Pages : 86 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.808/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LAMININ-332 PRODUCTION STIMULATING COMPOSITION

(51) International classification :A61K 31/198
(31) Priority Document No :2009-225871
(32) Priority Date :30/09/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/058219
Filing Date :14/05/2010
(87) International Publication No :WO/2011/040082
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TOJO, YOSUKE
2)HOSOI, JUN-ICHI
3)MATSUMOTO, KAYO

(57) Abstract :

Disclosed is a novel composition which has a function of accelerating production of laminin-332. The composition is stable and safe, and can be used routinely. Specifically disclosed is a laminin-332 production accelerating composition which contains one or more compounds selected from the group consisting of D-alanine, D-hydroxyproline, derivatives of D-alanine or D-hydroxyproline and/or salts of D-alanine or D-hydroxyproline. The composition may be used for the purpose of suppressing and/or improving skin conditions. The skin conditions may include but are not limited to photoaging, wrinkles, rough skin, fine wrinkles and dry skin. The composition may be used for an external preparation for the skin or food.

No. of Pages : 67 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.818/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HAND PUMP FOR PUMPING FLUIDS, AND FILTER SYSTEM FOR FLUIDS, COMPRISING A HAND PUMP

(51) International classification	:F02M 37/16
(31) Priority Document No	:102009048211.3
(32) Priority Date	:05/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/062479
Filing Date	:26/08/2010
(87) International Publication No	:WO/2011/042252
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)THALMANN, CHRISTIAN

(57) Abstract :

The invention relates to a hand pump (16) for pumping fluids, in particular fuel, and a filter system (10) for fluids, comprising a hand pump (16), in particular of a motor vehicle. The hand pump (16) comprises a pump housing (22), which has an inlet (18) and an outlet (26) for the fluid, and an actuating body (32), which is movably mounted in the pump housing axially to a stroke axis (34). A membrane (46) has a flexible ring section (48) surrounding the stroke axis (34), said ring section being fixed radially inward in a fixing region (50) of the actuating body (32) and radially outward in a retaining region (54) of the pump housing (22). During a stroke movement, the actuating body (32) can be pressed with the membrane (46) against the force of an elastic element (42) from a resting position (I) into the pump housing (22) and into an actuating position, and led back out into the resting position (I) by means of the elastic element (72). Thus, the volume of a pump chamber (20) can be modified. A stroke height (77) of the actuating body (32) is greater than a smallest radial distance (74) between the retaining region (54) and the fixing region (50) during a stroke. The retaining region (54) of the pump housing (22) lies between the position (73) of the fixing region (50) in the resting position (I) and the position (75) of the fixing region (50) in the actuating position when viewed axially to the stroke axis (34).

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.830/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LIFTING DEVICE FOR A ROTOR OF A WIND TURBINE

(51) International classification	:F03D 11/04
(31) Priority Document No	:DE102009040235.7
(32) Priority Date	:07/09/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/063030
Filing Date	:06/09/2010
(87) International Publication No	:WO/2011/026970
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)JUERGEN WAGNER

(57) Abstract :

The invention relates to a lifting device for a rotor of a wind turbine, consisting of a turbine hub and rotor blades fixed thereon, having the following components: at least one receiving device which can be fixed to a blade root region of the rotor; guiding means which can be attached to the receiving device and which has at least one supporting element for receiving and fixing wire supports, wherein the supporting element is connected to the guiding means in a movement-flexible manner such that the rotor is aligned correctly for assembly before being mounted on a rotor shaft of the wind turbine. The aim of the invention is to provide a lifting device for rotors which is easy to assemble and disassemble and which enables the rotor to automatically align into a correspondingly optimal bearing position for assembling onto the turbine hub when undesired torques act on said rotor.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.786/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PRODUCT COMPRISING HYDROPHOBIN

(51) International classification	:A23L 1/00,A23L 1/035
(31) Priority Document No	:EP09172092
(32) Priority Date	:02/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/064364
Filing Date	:28/09/2010
(87) International Publication No	:WO/2011/039188
(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)MITCHELL JOHN TURNER

2)WIX LOYD

(57) Abstract :

A product comprising hydrophobin, and at least 0.5 wt% of bicarbonate, wherein the water activity of the product is at most 0.5 is provided.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.851/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUBSTITUTED N-PHENYL-1-(4-PYRIDINYL)-1H--PYRAZOL-3-AMINES

(51) International classification :C07D 401/04

(31) Priority Document No :09170525.1

(32) Priority Date :17/09/2009

(33) Name of priority country :EUROPEAN
UNION

(86) International Application No :PCT/EP2010/063609

Filing Date :16/09/2010

(87) International Publication No :WO/2011/033018

(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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2)THURING, JOHANNES, WILHELMUS, JOHN, F.

3)VAN DEN KEYBUS, FRANS, ALFONS, MARIA

4)VAN ROOSBROECK, YVES, EMIEL, MARIA

(57) Abstract :

The present invention relates to N-phenyl-1-(4-pyridinyl)-1H-pyrazol-3-amine derivatives and pharmaceutically acceptable salts thereof, processes for preparing them, pharmaceutical compositions containing them and their use in therapy, according to formula (I): wherein R1, R2, R3, R4, R5, R6 have the meaning defined in the claims. The invention particularly relates to positive allosteric modulators of nicotinic acetylcholine receptors, such positive allosteric modulator having the capability to increase the efficacy of nicotinic receptor agonists.

No. of Pages : 75 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.854/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FILTER DEVICE AND MAIN FILTER ELEMENT FOR A FILTER DEVICE

(51) International classification :B01D 45/16
(31) Priority Document No :10 2009049170.8
(32) Priority Date :12/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/064980
Filing Date :07/10/2010
(87) International Publication No :WO/2011/045225
(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)MENSSEN, JOERG

(57) Abstract :

The invention relates to a, in particular two-stage, filter device (100) for separating liquid and/or solid particles from a gas flow to be purified, comprising - preferably a preliminary cyclonic pre-separator (10) designed as a pre-filter that separates the particles from the gas flow in a first stage by rotating the gas flow, and - a main filter element (20) arranged downstream in the gas flow direction that separates the particles from the gas flow in a second stage by guiding the particles through at least one filter medium (24), wherein the main filter element (20) is received in a filter housing (30) and wherein the filter housing (30) comprises a raw-side inlet (32) connected to the preliminary cyclonic pre-separator (10) and a clean-side outlet (34) for the gas flow to be purified. In order to develop the in particular two-stage filter device such that the main filter element (20) is disposed in the filter housing (30) in an immovable manner, the main filter element (20) comprises at least one retaining element (22) for stabilizing the position thereof in the filter housing (30), said retaining element extending in the direction toward the filter housing (30) from a circumferential side of the main filter element (20), disposing the main filter element (20) at a defined distance from the filter housing (30).

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.855/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : POWER GENERATOR

(51) International classification	:E02B 9/08
(31) Priority Document No	:2009904330
(32) Priority Date	:08/09/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001161
Filing Date	:08/09/2010
(87) International Publication No	:WO/2011/029138
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)BLAXLAND, DREW.

2)KEIR, JOHN.

(57) Abstract :

power generation apparatus is described. The apparatus includes a rotor adapted for rotation about a rotation axis, the rotor comprising a blade assembly including a plurality of blades operatively mounted to the rotor and extending therefrom and adapted to be acted upon by flowing water from a direction generally perpendicular to the rotation axis to rotate the rotor; wherein the rotor includes an integral rotor body adapted to rotate about a stator body disposed internally relative thereto to generate usable power.

No. of Pages : 21 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.856/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CALIBRATION REAGENT AND USES THEREOF

(51) International classification :G01N 33/543

(31) Priority Document No :09176130.4

(32) Priority Date :16/11/2009

(33) Name of priority country :EUROPEAN UNION

(86) International Application No :PCT/EP2010/067379

Filing Date :12/11/2010

(87) International Publication No :WO/2011/058136

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)MOZIAR ASSADI GEHR

2)EVERSON NOGOCEKE

(57) Abstract :

The present invention provides a calibration reagent comprising a peptide conjugated to a protein carrier via a linker, wherein said peptide comprises an epitope of interest and the use thereof.

No. of Pages : 72 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.803/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD OF MAKING BARREL-SHAPED WORM-LIKE TOOL.

(51) International classification	:B24B 53/085
(31) Priority Document No	:2009-234953
(32) Priority Date	:09/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067503
Filing Date	:06/10/2010
(87) International Publication No	:WO/2011/043358
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)YANASE, YOSHIKOTO

2)OCHI, MASASHI

(57) Abstract :

Provided is a method of making a barrel-shaped worm-like tool whereby a barrel-shaped worm-like tool capable of efficiently performing grinding without unequal wear can easily be made. The aforementioned method comprises making the barrel-shaped worm-like tool (12) by using a dressing gear (11) to dress the barrel-shaped worm-like tool (12), which is used for machining an internal gear and has a diameter that gradually increases from the ends (12b, 12c) to the center (12a) in the axial direction. On the basis of data wherein the number of teeth is less than that of the internal gear to be machined, the dressing gear (11) and the barrel-shaped worm-like tool (12) are engaged with each other at the same axial intersection angle as during gear-machining performed by the barrel-shaped worm-like tool (12).

No. of Pages : 28 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.877/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : RESOURCE CONFIGURATION METHOD, EQUIPMENT AND SYSTEM FOR UPLINK CONTROL CHANNEL

(51) International classification :H04W 72/04
(31) Priority Document No :CN 200910236329.7
(32) Priority Date :16/10/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/077429
Filing Date :28/09/2010
(87) International Publication No :WO/2011/044820
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LIN, YANAN
2)SHEN, ZUKANG
3)PAN, XUEMING

(57) Abstract :

The present invention disclosed a resource configuration method for uplink control channel, The method comprises: network side equipment determines downlink carrier that exists cell specific linkage in uplink carrier set and downlink carrier set of User Equipment UE; said network side equipment configures uplink control channel resource for downlink carrier which doesnt exist cell specific linkage according to said determinate result. The method of the present invention is simple and easy to implement, it could use the method in FDD and TDD system to advance system capability of Long Term Evolution multi-carrier update system, and advancing compatibility with the present LTE system primely.

No. of Pages : 35 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.878/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : EXTENDIBLE COILED TUBE

(51) International classification :F16L 11/16
(31) Priority Document No :102009042755.4
(32) Priority Date :25/09/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP10/064134
Filing Date :24/09/2010
(87) International Publication No :WO/2011/036245
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MUENKER, KARL-HEINZ

3)BAUMHOFF, DIETMAR

4)GERHARD, ANDREAS

5)SCHENK, KARSTEN

6)SELTHER, OLIVER

7)HAUCK, STEFAN

8)HENKELMANN, MICHAEL

(57) Abstract :

The invention relates to a stretchable wound tube (200) comprising at least two helically wound strips (210, 220) which, in longitudinal section, has at least three telescopic sections (TA1, TA2, TA3). Said telescopic sections are arranged so as to overlap axially in the compressed state of the wound tube, are arranged axially next to one another in the stretched state of the wound tube, and are hooked with one another in relation to an axial extension. The wound tube can achieve an elongation of over 100%. Its axial length in the compressed state is determined substantially by one of the two strips, and its axial length in the stretched state is determined by all the strips which are contained in the tube geometry. In order to achieve this, the different profiles move into one another telescopically during the compression and stretching. The wound tube is used, for example, in exhaust gas systems for insulating pipes with small bending radii.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.879/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD, SYSTEM AND DEVICE FOR TRANSMITTING SYSTEM INFORMATION

(51) International classification :H04W 48/08
(31) Priority Document No :200910092379.2
(32) Priority Date :11/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/001381
Filing Date :09/09/2010
(87) International Publication No :WO/2011/029271
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HU, NAN

(57) Abstract :

A method, system and device for transmitting system information are provided, and said method includes the following steps: the network side transmits the system information on a downlink work carrier, wherein said system information includes the master system information and wireless resource configuration information of said downlink work carrier, and master system information of at least one of the other downlink carriers in multiple carriers. By using the present invention, the speed and efficiency of the terminal obtaining the system information of other downlink work carrier can be improved in multi-carrier system.

No. of Pages : 38 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.834/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR THE PRODUCTION OF A GLYCOSYLATED IMMUNOGLOBULIN

(51) International classification :C07K 16/00
(31) Priority Document No :09013455.2
(32) Priority Date :26/10/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/066073
Filing Date :25/10/2010
(87) International Publication No :WO/2011/051231
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HIRASHIMA, CHIKASHI
3)LINK, THOMAS
4)TAKAGI, YOSHINORI
5)TAKUMA, SHINYA
6)TSUDA, YURIKO

(57) Abstract :

Herein is reported a method for the production of an immunoglobulin comprising the following steps: a) providing a eukaryotic cell comprising a nucleic acid encoding the immunoglobulin, b) cultivating the eukaryotic cell in a cultivation medium wherein the amount of glucose available in the cultivation medium per time unit is kept constant and limited to less than 80 % of the amount that could maximally be utilized by the cells in the cultivation medium per time unit, and c) recovering the immunoglobulin from the culture.

No. of Pages : 36 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.876/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CELLULOSE NANOPARTICLE AEROGELS, HYDROGELS AND ORGANOGELS

(51) International classification	:C08J3/075,B01J13/00	(71) Name of Applicant :
(31) Priority Document No	:0916031.8	1)THE UNIVERSITY OF NOTTINGHAM
(32) Priority Date	:14/09/2009	Address of Applicant :UNIVERSITY PARK,
(33) Name of priority country	:U.K.	NOTTINGHAM NG7 2RD, UNITED KINGDOM.
(86) International Application No	:PCT/GB2010/051542	(72) Name of Inventor :
Filing Date	:14/09/2010	1)THIELEMANS, WIM ALBERT WILFRIED IRENE
(87) International Publication No	:WO/2011/030170	2)DAVIES, REBECCA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cellulose aerogel comprises a plurality of cellulose nanoparticles. The cellulose nanoparticles preferably comprise at least 50% or 80% cellulose nanocrystals by weight of cellulose nanoparticles, and the cellulose nanoparticle aerogel preferably has a density of from 0.001 to 0.2g/cm³ or from 0.2 to 1.59g/cm³ The cellulose nanoparticle aerogel typically has an average pore diameter of less than 100 nm and the cellulose nanoparticles may comprise anionic and/or cationic surface groups.

No. of Pages : 69 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.889/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : INSECTICIDE AND ACARICIDE PAINTS THAT INHIBIT CHITIN SYNTHESIS, REGULATE INSECT JUVENILE HORMONE AND REPEL ARTHROPODS, FOR CONTROLLING ENDEMIC DISEASES, PESTS AND ALLERGENS

(51) International classification	:C09D 5/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/ES2009/070439
Filing Date	:15/10/2009
(87) International Publication No	:WO/2011/045448
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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VALENCIA SPAIN.
(72)**Name of Inventor :**
1)MATEO HERRERO, MARIA PILAR

(57) Abstract :

The present invention relates to insecticide and acaricide paints that inhibit chitin synthesis, regulate insect juvenile hormone and repel arthropods, for controlling endemic diseases, pests and allergens, characterized in that said paints comprise at least the following compounds (in any combination), namely: 1% - 100% water, 0.0001% - 20% insecticides, 0.0001% - 20% chitin inhibitor, 0.0001% - 20% juvenile hormone regulator, 1% - 50% polymers, 0% - 40% pigments, 0% - 60% fillers, 0% - 60% natural repellents, and 0.01% - 20% stabilizers. This is a novel, improved and enhanced formula for controlling all types of arthropods (insects, mites), both chemically, as the formulation incorporates synthetic insecticides, and biologically, owing to the incorporation of insect-growth regulators. Furthermore, an active ingredient is incorporated in the form of a natural arthropod repellent which keeps said arthropods at a distance from those places where the paint is applied. The composition of the paints allows the active ingredients to be encapsulated in an aqueous polymer with or without the incorporation of fillers and pigments, and therefore the range of use thereof is increased.

No. of Pages : 17 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.890/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMBINATION THERAPY TREATMENT FOR VIRAL INFECTIONS

(51) International classification :A61K 31/13
(31) Priority Document No :61/251,561
(32) Priority Date :14/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/052506
Filing Date :13/10/2010
(87) International Publication No :WO/2011/047048
(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)GUILFORD, WILLIAM, J.
2)FAULDS, DARYL, H.

(57) Abstract :

Therapeutics which employ a combination of an antiviral agent and an EP4 receptor agonist for the treatment of human respiratory diseases associated with viral infections are described. Viral infections may include an influenza A virus, for example H1N1, H3N2 and H5N1, and mutations thereof, and/or a coronavirus, for example a virus that causes severe acute respiratory syndrome, SARS.

No. of Pages : 27 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.847/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENDOTRACHEAL TUBE APPARATUS

(51) International classification	:A61N 1/05
(31) Priority Document No	:61/248,294
(32) Priority Date	:02/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/051145
Filing Date	:01/10/2010
(87) International Publication No	:WO/2011/041690
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)STANISLAUS, CHARLES

3)LI, WENJENG

4)LITTLE, DAVE

5)YAMASAKI, SUNNY

6)PAGOTTO, CARLA

(57) Abstract :

An apparatus for monitoring EMG signals of a patients laryngeal muscles includes an endotracheal tube having an exterior surface and a first location configured to be positioned at the patients vocal folds. A first electrode is formed on the exterior surface of the endotracheal tube substantially below the first location. A second electrode is formed on the exterior surface of the endotracheal tube substantially above the first location. The first and second electrodes are configured to receive the EMG signals from the laryngeal muscles when the endotracheal tube is placed in a trachea of the patient.

No. of Pages : 65 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.896/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ALGACULTURE METHOD

(51) International classification	:C12N 1/12,C02F 3/28
(31) Priority Document No	:102009051588.7
(32) Priority Date	:20/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006314
Filing Date	:15/10/2010
(87) International Publication No	:WO/2011/047809
(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)FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
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(72)**Name of Inventor :**
1)TROESCH, WALTER

(57) Abstract :

The invention relates to: bioprocess technology methods in which aqueous phases from anaerobically, biologically purified organic suspensions are fed into an algaculture as a culture media component; use of aqueous phases of anaerobically, biologically purified organic suspensions as a culture media component in an algaculture; use of aqueous phases of anaerobically, biologically purified organic suspensions for improving the growth conditions of algae in photobioreactors; use of algae for the purification of aqueous phases of anaerobically, biologically purified organic suspensions, in particular of anaerobically, biologically purified waste-water filtrate; and bioprocess technology devices (100) including a bioreactor (1), in particular a digestion tower, and a photobioreactor (3).

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.898/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BORING TOOL

(51) International classification	:B23B 29/02
(31) Priority Document No	:2009-238891
(32) Priority Date	:16/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/064138
Filing Date	:23/08/2010
(87) International Publication No	:WO/2011/045980
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)NIITANI HARUHIKO

(57) Abstract :

Provided is a boring tool which not only is lightweight but also has both abrasion resistance and high stiffness. More specifically, provided is a boring tool wherein a shaft-like tool body (10) is equipped with cutting bits, and wherein the tool body (10) makes a reciprocating motion, thereby reaming a hole provided to a workpiece to be machined. The tool body (10) is provided with a substrate (11) formed by a carbon fiber reinforced composite material, a hard plating layer (13) consisting of hard plating applied to the surface (10b) of the tool body (10), and a backing layer (12) which is applied between the substrate (11) and the hard plating layer (13) and serves to improve the wettability of the hard plating layer (13).

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.900/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FILTER INSERT AND FILTER DEVICE

(51) International classification	:B01D 45/16
(31) Priority Document No	:102009049170.8
(32) Priority Date	:12/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/064930
Filing Date	:06/10/2010
(87) International Publication No	:WO/2011/045220
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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2)STEINS, OLIVER
3)MENSSEN JOERG
4)HILARIUS, KAI

(57) Abstract :

The invention relates to a filter insert, comprising a. a filter element, having an end surface on the inlet side and an end surface on the outlet side disposed at a distance therefrom in the main flow direction, b. a frame running along the lateral surfaces of the filter element and being connected to the filter element, wherein the frame supports an axial seal, the sealing direction of which is aligned in or opposite to the main flow direction, wherein the seal can be brought into contact with a sealing surface of a filter housing in the sealing direction, the inlet side of the filter insert thus being detachable from the outlet side in a sealing manner, wherein the frame comprises a first and a second contact surface on two opposite lateral surfaces of the filter insert for clamping the filter element by means of a first and a second clamping element. The contact surfaces are aligned substantially opposite the sealing direction, wherein the contact surfaces each comprise an individual height profile running along the lateral surfaces.

No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.888/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SPOUT FOR A SPILL-PROOF BEVERAGE CONTAINER

(51) International classification	:B65D 47/20
(31) Priority Document No	:GB 0916318.9
(32) Priority Date	:17/09/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/IB2010/054209
Filing Date	:17/09/2010
(87) International Publication No	:WO/2011/033477
(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)ILAN SAMSON

(57) Abstract :

Spout for a Spill-Proof Beverage Container A spout is disclosed for a spill-proof beverage container. The spout 12 having a side wall made of a flexible material defining an outer surface to be contacted by the lips of a drinker and an inner surface defining a discharge passage leading to a mouth of the spout to permit a beverage to sucked from the container by the drinker. A valve is provided in the discharge passage to prevent undesired spillage of the beverage when no person is drinking from the cup. The valve comprises two flanks 16a, 16b formed integrally with the side wall 18 of the spout 12 and projecting from opposite sides of the inner surface of the spout. The front end faces of the flanks mate with one another along a slit 30 that extends generally parallel to the longer axis of the spout so that the two flanks form a continuous surface obstructing the discharge passage when the slit 30 is closed. At least the front portions of the flanks are inclined away from the mouth of the spout 12 such that pressure within the container acts to urge the flanks 16a, 16b against one another so as to maintain the slit 30 closed. Deformation of the side wall 18 of the spout 12 when the spout is held between the lips of a drinker acts to open the slit 30 and create an opening between the flanks to allow the beverage to be discharged.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.904/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HUMAN SECURITY AND SURVIVAL SYSTEM

(51) International classification :G06Q 10/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/007166

Filing Date :06/10/2009

(87) International Publication No :WO/2011/042033

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)ROCHET, JEAN-LUC

(57) Abstract :

The invention relates to a method and system of filling and maintaining a database containing geo-localized user data comprising the following steps: - receiving registration data from users, - generating a personalized user-environment like a dynamically generated personal WebPage; - requesting and storing of HSS-data of the registered user by means of the personal WebPage using the Internet; - maintaining the database by checking the HSS-data each time the user makes direct or indirect contact with the personal WebPage.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.905/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TRANSDERMALLY ABSORBABLE DONEPEZIL-CONTAINING PREPARATION

(51) International classification	:A61K 31/445
(31) Priority Document No	:2009-242656
(32) Priority Date	:21/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/068260
Filing Date	:18/10/2010
(87) International Publication No	:WO/2011/049038
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)KAWAKAMI, SATOSHI

2)YAMAJI, MASAHIRO

(57) Abstract :

Provided is a donepezil-containing transdermal absorption formulation that can sustainably administer donepezil for a long period of time, and can provide both a rapid increase in the blood level of donepezil and donepezil sustained release properties. The donepezil-containing transdermal absorption formulation is a transdermal absorption formulation produced by dissolving donepezil, which is the active ingredient, in an adhesive patch base that contains a hydrophobic polymer and an absorption promoter. The absorption promoter is one kind or two or more kinds selected from lauryl alcohol, triethyl citrate, isopropyl myristate, cetyl lactate, oleyl alcohol, sorbitan monooleate, polyethylene glycol monostearate, lauromacrogol, N-methyl-2-pyrrolidone, and triacetin. Disclosed is a transdermally absorbable donepezil-containing preparation which enables the administration of donepezil in a sustained manner for a long period and can achieve both the rapid increase in blood donepezil level and the sustained release of donepezil. The transdermally absorbable donepezil-containing preparation comprises an adhesive patch base material comprising a hydrophobic polymer and an absorption-enhancing agent and donepezil (an active ingredient) dissolved in the adhesive patch base material, wherein the absorption-enhancing agent comprises at least one component selected from lauryl alcohol, triethyl citrate, isopropyl myristate, cetyl lactate, oleyl alcohol, sorbitan monooleate, polyethylene glycol monostearate, lauromacrogol, N-methyl-2-pyrrolidone and triacetin.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.891/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : STABLE ANTI-TNFR1 POLYPEPTIDES, ANTIBODY VARIABLE DOMAINS & ANTAGONISTS

(51) International classification :A61K 39/395
(31) Priority Document No :61/255,235
(32) Priority Date :27/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/066046
Filing Date :25/10/2010
(87) International Publication No :WO/2011/051217
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DE SILVA, INUSHA
2)SEPP, ARMIN
3)STOOP, ADRIAAN ALLART

(57) Abstract :

The invention relates to storage-stable anti-TNFR1 antibody single variable domains (d Abs), antagonists and multispecific ligands, as well as methods and uses of these. The anti-TNFR1 polypeptides, antibody single variable domains (d Abs), antagonists and multispecific ligands are useful for treating and/or preventing inflammatory disease, such as arthritis or COPD, as well as for pulmonary administration, oral administration, delivery to the lung and delivery to the GI tract of a patient.

No. of Pages : 107 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.892/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND SYSTEMS FOR PHARMACOGENOMIC TREATMENT OF CARDIOVASCULAR CONDITIONS

(51) International classification	:A61K 31/56,A61P 9/00
(31) Priority Document No	:61/253,020
(32) Priority Date	:19/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/065589
Filing Date	:18/10/2010
(87) International Publication No	:WO/2011/048033
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BIANCHI, GIUSEPPE
2)FERRARI, PATRIZIA
3)MACCIARDI, FABIO

(57) Abstract :

Methods and systems are provided herein that are based on the effects of genetic variations on the biological activities associated to rostauroxin in an individual. In particular, compositions, methods and systems are herein described that are based on an identified influence on an individual response to rostauroxin of one or more polymorphisms in an intergenic or intragenic region of a gene selected from the group consisting of KCNS3, THSD7A, FAM46A, LOC389970, HLA-G, and TTC29, and/or a genetic variation in linkage disequilibrium therewith.

No. of Pages : 152 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.893/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MEAL SUBSTITUTE IN FORM OF BREAD-TYPE COOKED FOOD AND A SPREAD- TYPE CONDIMENT

(51) International classification	:A21D 10/02
(31) Priority Document No	:09306012.7
(32) Priority Date	:26/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/FR2010/052279
Filing Date	:25/10/2010
(87) International Publication No	:WO/2011/051610
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)BLANCHET, JEAN-MARIE

(57) Abstract :

The invention relates to a meal substitute containing nutrients comprising energetic and nutritional intake. Said meal substitute takes the form of a combination of a bread- or cake-type food 5 to be cooked and a spread- or cream-type condiment obtained from two separate powder mixtures to be mixed with water. The components of the mixture for manufacturing the food to be cooked are provided so as to obtain bread or cake after cooking for 2.5 to 6 minutes in a microwave oven, and the components of the mixture 10 are provided so as to obtain the spread or the cream including cooking-sensitive micronutrients.

No. of Pages : 27 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.912/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : UNDERWATER COMPRESSOR ARRANGEMENT AND UNDERWATER PROCESS FLUID CONVEYING ARRANGEMENT EQUIPPED THEREWITH

(51) International classification	:F04D 13/06
(31) Priority Document No	:10 2009045633.3
(32) Priority Date	:13/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/050052
Filing Date	:28/07/2010
(87) International Publication No	:WO/2011/044892
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)KLEYNHANS, GEORGE
2)SUTER, ROGER
3)STALDER, CLAUDE

(57) Abstract :

The invention relates to an underwater compressor arrangement (10, 10A) and an underwater process fluid conveying arrangement equipped therewith, wherein the underwater compressor arrangement comprises: a housing (100), a turbocompressor (200) having a compressor rotor (210), and a rotary drive unit (300) having a drive rotor (310), wherein the turbocompressor (200) and the rotary drive unit (300) are arranged in the housing (100) and the compressor rotor (210) is connected to the drive rotor (310) such that the drive rotor rotatably drives the compressor rotor, wherein the housing (100) is hermetically sealed, with the exception of operating connections for the turbocompressor (200) and for the rotary drive unit (300), and wherein the compressor rotor (210) is rotatably supported in the housing (100) by means of a rolling bearing (410).

No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.914/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CONTROL OF PESTS IN PLANTS

(51) International classification	:C12N 15/83
(31) Priority Document No	:61/246,597
(32) Priority Date	:29/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SG2010/000339
Filing Date	:15/09/2010
(87) International Publication No	:WO/2011/040880
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)YE, JIAN
2)CHUA, NAM-HAI
3)QU, JING
4)GAO, SHI-QIANG

(57) Abstract :

The present invention relates to the field of controlling pests, such as insects, using a virus to express pest genes in hosts. More specifically, the present invention relates to a method for rapidly screening for pest genes which can lead to mortality of the pest when the pest has ingested host tissues expressing virus-linked pest gene sequences. The present invention also relates to a method for controlling pests by viral expression of target pest sequences to modify endogenous expression of pest genes in cells or tissues of the pest.

No. of Pages : 83 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.917/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ORAL SOLID DOSAGE FORM CONTAINING NANOPARTICLES AND PROCESS OF FORMULATING THE SAME USING FISH GELATIN

(51) International classification	:A61K 9/14
(31) Priority Document No	:12/560,813
(32) Priority Date	:16/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048588
Filing Date	:13/09/2010
(87) International Publication No	:WO/2011/034809
(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)BAHL, DEEPAK

2)CROWLEY, KIERAN, JAMES

3)YU, DANNY

(57) Abstract :

An oral solid dosage form containing nanoparticles is made by (a) reducing the particle size of at least one pharmaceutically active ingredient dispersed in a solution containing fish gelatin to form a nanosuspension and (b) freeze-drying the nanosuspension of step (a) to form the oral solid dosage form.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.918/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PLEAT MAKING DEVICE AND METHODS THEREOF

(51) International classification	:D06J 1/00,D06J 1/12	(71) Name of Applicant : 1)JAIN SUNITI
(31) Priority Document No	:61/252,702	Address of Applicant :34227, SIWARD, DR. FREMONT,
(32) Priority Date	:18/10/2009	CALIFORNIA, 92101, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/052982	1)JAIN SUNITI
Filing Date	:16/10/2010	
(87) International Publication No	:WO/2011/047366	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure pertains to a pleat making device used to create pleats of fabric while the pleat making device is mounted to clothing. The pleat making device can have a frame for supporting the fabric, a fabric securing member for securing the fabric to the frame, and a segment frame hinge that allows for the rotation of a plurality of segment frames around an axis.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.919/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD FOR IDENTIFYING HETERO-MULTIMERIC MODIFIED UBIQUITIN PROTEINS WITH BINDING CAPABILITY TO LIGANDS

(51) International classification	:C07K 14/00
(31) Priority Document No	:10186980.8
(32) Priority Date	:08/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/069674
Filing Date	:14/12/2010
(87) International Publication No	:WO/2011/073214
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)KUNERT, ANJA
2)NERKAMP, JOERG
3)STEUERNAGEL, ARND
4)FIEDLER, MARKUS
5)FIEDLER, ERIK
6)GOETTLER, THOMAS

(57) Abstract :

The present invention refers to a method for identifying hetero-multimeric ubiquitins with binding capability to a ligand. Furthermore, the invention provides DNA libraries encoding for a population of said hetero-multimeric ubiquitins as well as protein libraries obtained by expression of said DNA libraries, cells and phages containing said DNA or proteins, polynucleotides encoding for said fusion proteins and vectors comprising said polynucleotides. Further new binding proteins based on hetero-multimeric ubiquitin being able to bind specifically with high affinity to selected ligands are provided.

No. of Pages : 92 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.920/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MODIFIED UBIQUITIN PROTEINS HAVING A SPECIFIC BINDING ACTIVITY FOR THE EXTRADOMAIN B OF FIBRONECTIN

(51) International classification	:C07K 14/00
(31) Priority Document No	:09179147.5
(32) Priority Date	:14/12/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/069665
Filing Date	:14/12/2010
(87) International Publication No	:WO/2011/073208
(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)FIEDLER, MARKUS
4)KUNERT, ANJA
5)NERKAMP, JOERG
6)GOETTLER, THOMAS
7)GLOSER, MANJA
8)HAENSSGEN, ILKA

(57) Abstract :

The present invention refers to novel hetero-multimeric proteins obtained from modified ubiquitin capable of binding the extradomain B of fibronectin (ED-B) with high affinity. Furthermore, the invention refers to fusion proteins comprising said recombinant protein fused to a pharmaceutically and/or diagnostically active component. The invention is further directed to the use of said proteins in medical treatment methods.

No. of Pages : 105 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.921/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TREATMENT OF CANCER

(51) International classification :C07D 471/00

(31) Priority Document No :61/242,752

(32) Priority Date :15/09/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/048973

Filing Date :15/09/2010

(87) International Publication No :WO/2011/034954

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)YEN, YUN

2)SCHLUEP, THOMAS

3)RYAN, JOHN

4)DAVIS, MARK

5)OLIVER, JAMES, C.

(57) Abstract :

Provided are methods relating to compositions that include a CDP- topoisomerase inhibitor, e.g., a CDP-camptothecin or camptothecin derivative conjugate, e.g., CRLX101.

No. of Pages : 187 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.901/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : INTEGRATED SYSTEM FOR COLLECTING/ACCUMULATING SOLAR ENERGY FOR HEATING WATER.

(51) International classification	:F24J 2/34
(31) Priority Document No	:1863-2009
(32) Priority Date	:16/09/2009
(33) Name of priority country	:Chile
(86) International Application No	:PCT/CL2010/000038
Filing Date	:15/09/2010
(87) International Publication No	:WO/2011/032303
(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)GONZALEZ LAGOS, DANIEL RICARDO.

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(72)Name of Inventor :

1)GONZALEZ LAGOS, DANIEL RICARDO.

(57) Abstract :

The invention relates to an integrated collector-accumulator system that enables capture and accumulation in the same essentially cylindrical capturing-accumulating element (2), that receives solar light via an insulting transparent cover (4), partly directly and partly be reflection over reflective screens (1) having an essentially circular cross section, where the rotational axes thereof are located in the contour of the jacket of the capturing-accumulating element (2) or inside same. The system also comprises an outer shell (6) that, together with the transparent cover (4), completely envelopes the system, and a thermal insulating material layer (5) between the reflective screens (1) and the outer shell (6), that essentially reduces the heat loss. Said characteristics enable the system to be produced in a very simple and economic manner, due to the savings in material, work force, and production technology necessary for the matrealisation thereof, in addition to a high yield of heating when it is ensured that all of the light incident on the transparent cover (4), whether it be direct, indirect or at any angle of incidence, is absorbed by the capturing-accumulating element (2).

No. of Pages : 14 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.902/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DYE POLYMERS

(51) International classification	:C11D 3/22,C11D 3/40
(31) Priority Document No	:PCT/CN2009/001135
(32) Priority Date	:13/10/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/EP2010/064744
Filing Date	:04/10/2010
(87) International Publication No	:WO/2011/045195
(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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2)BIRD JAYNE MICHELLE

3)MENG SHENG

4)TAO QINGSHENG

5)WANG JINFANG

(57) Abstract :

The present invention provides polymeric shading dyes to provide a perception of whiteness to white textiles.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/04/2012

(21) Application No.935/MUMNP/2012 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD OF MODIFYING THE CARBOHYDRATE CONTENT OF A PLANT

(51) International classification :C12N 15/113
(31) Priority Document No :2009/06506
(32) Priority Date :17/09/2009
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2010/002331
Filing Date :17/09/2010
(87) International Publication No :WO/2011/033371
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SOUTH AFRICAN SUGARCANE RESEARCH INSTITUTE
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1)BOUSSIENGUI-BOUSSIENGUI, GINO
2)KOSSMAN, JENS

(57) Abstract :

A method of modifying at least one carbohydrate in a tissue of a plant is described. The method is typically applied to a sugarcane plant of the genus *Saccharum* method and includes the steps of inserting into a plant cell a gene silencing cassette which includes nucleic acid operably linked to transcription elements such as a monocotyledonous promoter for transcribing the nucleic acid in a plant cell, wherein transcription of the nucleic acid decreases activity of UMP synthase. The method further includes the steps of regenerating a transgenic plant from the plant cell and producing the tissue with increased carbohydrate content. Vectors for use therefor, as well as a transformed plant cell and a transgenic plant or plant part containing or derived from a transformed plant cell are also described.

No. of Pages : 60 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.936/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A NON-MOVING PART OR STATIC ELECTRIC GENERATOR

(51) International classification	:H02K 53/00
(31) Priority Document No	:2009904423
(32) Priority Date	:14/09/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000031
Filing Date	:14/01/2010
(87) International Publication No	:WO/2011/029123
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)JASBIR SINGH

(57) Abstract :

A static or non-moving part electric power generator achieved by a changing (fluctuating) magnetic field (flux) by passing a pulsating direct current (DC) through a coil of wire wound on either a magnet or any material capable of producing a magnetic field, which in turn induces an alternating current (AC) in an adjacent secondary coil winding, and wherein a portion of the AC produced is used in recharging a DC source.

No. of Pages : 33 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.937/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR STREPTOCOCCUS PNEUMONIAE DIAGNOSIS AND SEROTYPING

(51) International classification	:C12Q 1/68	(71)Name of Applicant :
(31) Priority Document No	:09173437.6	1)AZIENDA OSPEDALIERO-UNIVERSITARIA MEYER
(32) Priority Date	:19/10/2009	Address of Applicant :VIALE PIERACCINI, 24 50139
(33) Name of priority country	:EUROPEAN UNION	FIRENZE-FI-ITALY.
(86) International Application No	:PCT/EP2010/065733	(72)Name of Inventor :
Filing Date	:19/10/2010	1)AZZARI, CHIARA
(87) International Publication No	:WO/2011/048104	2)MORIONDO, MARIA
(61) Patent of Addition to Application Number	:NA	3)RESTI, MASSIMO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for detecting a specific serotype of S. pneumoniae in a biological sample obtained from a subject, comprising the following steps: a) extracting S. pneumoniae DNA from the sample; b) incubating the extracted DNA under conditions such as to enable the amplification of at least one serotype specific target region comprised in the Cps gene cluster locus of S. pneumoniae and selected from the group of: SEQ ID No. 98 to 128, related kits.

No. of Pages : 58 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.940/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HOLLOW PARTICULATE BODY

(51) International classification	:C08J 9/32,C08J 9/224
(31) Priority Document No	:0916281.9
(32) Priority Date	:16/09/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/EP2010/005698
Filing Date	:16/09/2010
(87) International Publication No	:WO/2011/032704
(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)WELLINGS, DONALD A

(57) Abstract :

A particulate body having a hollow particle and a surface polymer disposed on the outside of the hollow particle and suitable for use in solid phase synthesis, especially production of peptides and oligonucleotides. The particulate body may be used as a chromatography stationary phase column and the buoyancy of the body allows the column to be packed efficiently from the bottom reducing the risk of damage to the stationary phase. The buoyancy of the particulate body may also allow species for example a catalyst to be suspended in a liquid phase to allow reactions, for example hydrolysis of vegetable oil and esterification to produce biodiesel to be carried out with a reduced risk of catalyst loss from a reaction zone.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.941/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : THREE DIMENSIONAL POROUS STRUCTURES

(51) International classification	:C08J 9/32
(31) Priority Document No	:0916281.9
(32) Priority Date	:16/09/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/EP2010/005699
Filing Date	:16/09/2010
(87) International Publication No	:WO/2011/032705
(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)WELLINGS, DONALD A

(57) Abstract :

A 3-dimensional porous polymeric structure comprising a porous polymer structure optionally with particles within the pores of the polymer and wherein the pores have a narrow pore-size distribution. The structure may be made by closely packing particles in a zone to provide a 3-dimensional array, contacting a polymerisable monomer with the array such that the composition fills interstitial spaces between the particles and effecting polymerisation of the monomer whereby a polymer structure is formed around the particles and optionally removing the particles from the structure. The 3-dimensional porous structure may be used in solid phase synthesis, immobilisation, cell culturing and preparation of a stationary phase for chromatographic separation, as an absorbent, an insulating material or in tissue regeneration.

No. of Pages : 34 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.942/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN ENCLOSURE FOR A CONDUCTOR OF ELECTRICITY, THE ENCLOSURE BEING PROVIDED WITH CURRENT SENSORS

(51) International classification	:H02B 13/035
(31) Priority Document No	:09 56651
(32) Priority Date	:25/09/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/064123
Filing Date	:24/09/2010
(87) International Publication No	:WO/2011/036241
(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)JUGE, PATRICE

2)GRANELLI, GUILLAUME

(57) Abstract :

The characteristic casing (1) for surrounding a linear conductor (4) includes at least one inner cavity (7) for receiving at least one fiber-optic or current transformer sensor wound around the casing and providing a current measurement. The cavity is closed except for small openings in the outer wall (14) through which the sensors are inserted, through which the sensors are removed for replacement, and through which the sensors are connected to a measuring instrument. Said cavity is provided with grooves (9) arranged on the surface thereof or in mounted tubes for guiding and supporting the turns of the sensors. One of the walls (14) of the casing (1) is advantageously aligned with the walls of the adjacent casings (2) in order to ensure an even flow of the induced current along the casing.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.948/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR MANUFACTURING VALVE UMBRELLA PORTION OF HOLLOW ENGINE VALVE, PRESS DEVICE OF VALUE UMBRELLA PORTION OF HOLLOW ENGINE VALVE, AND HOLLOW ENGINE VALVE

(51) International classification	:B21K 1/22,B21J 5/06
(31) Priority Document No	:2009-292226
(32) Priority Date	:24/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/061933
Filing Date	:15/07/2010
(87) International Publication No	:WO/2011/077776
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)YOSHIMURA COMPANY
(72)**Name of Inventor :**
1)YOSHIMURA HYOJI
2)N/A
3)N/A

(57) Abstract :

Conventionally, in hot forging of a valve umbrella portion of a hollow engine valve, poor finish accuracy has been provided, and in cold forging thereof, materials which can be used have been restricted. In addition, in the cold forging and the known hot forging, the number of steps for drawing is increased, which requires a large number of steps for intermediate heating processes such as annealing, with the result that the poor workability has been obtained. In view of this, a semi-finished product having a hollow and an expansion diameter portion is manufactured in advance (first step), and a press device for folding an outer cylinder (4) and an inner cylinder (5) around an entire die set (DS) is used, thereby performing drawing with a body of the semi-finished product the center in a constant temperature atmosphere at any temperature between a room temperature and 870°C (second step).

No. of Pages : 43 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.910/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : RECOMBINANT HUMAN CC10 PROTEIN FOR TREATMENT OF INFLUENZA

(51) International classification :A61K 45/00

(31) Priority Document No :61/252,028

(32) Priority Date :15/10/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/052527

Filing Date :21/04/2011

(87) International Publication No :WO/2011/047065

(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)CLARASSANCE, INC.

Address of Applicant :9700, GREAT SENECA HIGHWAY,
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(72)Name of Inventor :

1)PILON, APRILE L

2)BORGAT, PIERRE PH., D

3)FLAMAND, LOUIS PH., D

(57) Abstract :

Methods of using recombinant human CC10 (rhCC10), also known as recombinant human uteroglobin, to reduce virus titers in the tissues of patients, particularly influenza titers in lung tissues are provided. RhCC10 may be used as a therapeutic in the treatment, cure, or prevention of viral infection, particularly influenza infection. More particularly, methods, including broadly the critical dosage ranges of rhCC10, intravenous and intranasal route of administration, which may be administered to treat, cure or prevent influenza infection are provided. Further provided are compositions useful in the foregoing methods and in administering rhCC10 to humans.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/04/2012

(21) Application No.911/MUMNP/2012 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : USE OF OPIOID RECEPTOR ANTAGONIST FOR GASTROINTESTINAL TRACT DISORDERS

(51) International classification	:A61K 31/497
(31) Priority Document No	:61/243,616
(32) Priority Date	:18/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/049311
Filing Date	:17/09/2010
(87) International Publication No	:WO/2011/035142
(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)ADOLOR CORPORATION
Address of Applicant :65 HAYDEN STREET, LEXINGTON, MASSACHUSETTS 02421, UNITED STATES OF AMERICA.
(72)**Name of Inventor :**
1)WOODWARD, RICHARD, M.

(57) Abstract :

The disclosure relates to a method of treating or preventing a condition in a subject associated with the activation of an opioid receptor in the periphery by administering an effective amount of 5-(2-methoxy-4-{{2-(tetrahydro-pyran-4-yl)-ethylamino}-methyl}-phenoxy)-pyrazine-2-carboxamide (Compound I). In particular, the disclosure relates to a method of treating or preventing opioid- induced constipation or opioid-induced bowel dysfunction in a human without reducing centrally-mediated opioid analgesia or producing central opioid withdrawal symptoms by administering an effective amount of Compound (I). The disclosure further relates to the use of Compound (I) for the preparation of a medicament for the treatment or prevention of a condition in a subject associated with the activation of an opioid receptor in the periphery.

No. of Pages : 44 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.945/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD OF FORMING AN ARTICLE FROM NON-MELT PROCESSIBLE POLYMERS AND ARTICLES FORMED THEREBY

(51) International classification :B29C 43/22

(31) Priority Document No :61/244,358

(32) Priority Date :21/09/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/049523

Filing Date :20/09/2010

(87) International Publication No :WO/2011/035258

(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)SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION

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(72)Name of Inventor :

1)SINGH, ROJENDRA

2)PUJARI, VIMAL, K.;

3)RUSHKIN, ILYA, L.

(57) Abstract :

A method of preparing an article includes compressing a polymeric material to form a body and hot isostatic pressing (HIP) the body in an inert atmosphere at a pressure of at least 3 ksi without an encapsulant. The body may optionally be sintered prior to hot isostatic pressing (HIP). The body may have a porosity of not greater than 8 % prior to hot isostatic pressing (HIP). The polymer material may be a non-melt processible polymer.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.946/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TOOTH-PROFILE MANAGEMENT SYSTEM FOR SHAVING- CUTTER GRINDING MACHINE

(51) International classification	:B24B 3/12,B23F 19/06
(31) Priority Document No	:2010-009667
(32) Priority Date	:20/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067505
Filing Date	:06/10/2010
(87) International Publication No	:WO/2011/089761
(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)MITSUBISHI HEAVY INDUSTRIES, LTD.

Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 1088215, JAPAN.

(72)Name of Inventor :

1)YANASE, YOSHIKOTO

2)HAYASHI, RYUZO

(57) Abstract :

The disclosed system includes a personal computer (10) having correction coefficients (α) for the correction of errors in the tooth profile and correction coefficients (β) for the correction of meshing positions, the correction coefficients being provided for each number of times the shaving cutter has been sharpened and for each shaving-cutter feature. The target tooth-profile data (D_o), the tooth-profile error data (ΔD) which is the difference between the target tooth-profile data (D_o) and the measured tooth-profile data (D_m), and the correction coefficients (α and β) acquired in correspondence with the number of times sharpened and the cutter features are applied to the equation $D_{cc}=D_o+\alpha\cdot\Delta D+\beta$, to find the aimed tooth-profile data (D_{cc}). Then, the shaving-cutter tooth-profile data (d_s) is found from the aimed tooth-profile data (D_{cc}). Thus, the shaving cutter can be sharpened appropriately, even when the outer diameter and the tooth thickness of the shaving cutter are reduced as a result of sharpening the shaving cutter.

No. of Pages : 24 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.949/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LAP WINDING DEVICE FOR A TEXTILE MACHINE, FOR EXAMPLE A LAP-WINDER, PROVIDED WITH AN AUXILIARY BELT

(51) International classification	:D01G 27/00
(31) Priority Document No	:BS2009A000235
(32) Priority Date	:24/12/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/052766
Filing Date	:18/06/2010
(87) International Publication No	:WO/2011/077267
(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)MARZOLI S.P.A.

Address of Applicant :VIA S. ALBERTO, 10 I-25036
PALAZZOLO SULL'OGGIO, BRESCIA ITALY.

(72)Name of Inventor :

1)TORCOLI, ROBERTO

2)PRANDINI, GIROLAMO

(57) Abstract :

A device (1) of a fibre processing machine, such as a lap-winder, for the formation of a lap, comprises a primary calender (22), provided with an auxiliary belt (40), and a secondary calender (24), greater in diameter than the primary calender.

No. of Pages : 21 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.954/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : IMPROVEMENTS TO LAUNDRY COMPOSITIONS

(51) International classification	:C11D 3/37,C11D 17/00
(31) Priority Document No	:PCT/CN2009/001160
(32) Priority Date	:20/10/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/EP2010/064724
Filing Date	:04/10/2010
(87) International Publication No	:WO/2011/047951
(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)HINDUSTAN UNILEVER LIMITED

Address of Applicant :UNILEVER HOUSE, B.D.SAWANT MARG, CHAKALA, ANDHERI (EAST), MUMBAI 400 099, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)JONES CHRISTOPHER CLARKSON

2)KILHAMS VANESSA

3)WANG JINFANG

(57) Abstract :

The present invention relates to an emulsion comprising a particle comprising a copolymer of polyethylene terephthalate and polyoxyethylene terephthalate and a silicone liquid and an aqueous continuous phase, a process to make the emulsion, to a laundry composition comprising the emulsion, and to the use of the copolymer to increase silicone deposition onto fabric.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.955/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CONDITIONING COMPOSITION COMPRISING AMIDOAMINE AND LACTIC ACID

(51) International classification	:A61K 8/365
(31) Priority Document No	:EP09173618
(32) Priority Date	:21/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/064719
Filing Date	:04/10/2010
(87) International Publication No	:WO/2011/047948
(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 :UNILEVER HOUSE, B.D.SAWANT MARG, CHAKALA, ANDHERI EAST, MUMBAI 400 099, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)BAILEY PETER LAWRENCE

2)BRIGGS STEPHEN LEONARD

3)KOBORI KAYO

(57) Abstract :

Conditioning composition comprising a quaternary conditioning surfactant, an acid neutralized amidoamine surfactant of general formula: R1-C(O)-NH-R2-N(R3)(R4) wherein R1 is a fatty acid chain with from 12 to 22 carbon atoms, R2 is an alkylene group containing from one to 4 carbon atoms and R3 and R4 are, independently, an alkyl group having from one to four carbon atoms and from 0.45 to 4% wt. of the composition lactic acid.

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.961/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :30/03/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : ASSISTING CONTACT CENTER AGENTS AND CUSTOMERS

(51) International classification	:H04M3/51	(71) Name of Applicant :
(31) Priority Document No	:12/475,201	1)AVAYA, INC
(32) Priority Date	:29/05/2009	Address of Applicant :211,MOUNT AIRY ROAD, BASKING
(33) Name of priority country	:U.S.A.	RIDGE, NEW JERSEY 07920, U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GEORGE WILLIAM ERHART
(87) International Publication No	: NA	2)VALENTINE C. MATULA
(61) Patent of Addition to Application Number	:NA	3)DAVID JOSEPH SKIBA
Filing Date	:NA	4)LAWRENCE O'GORMAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of receiving a call from a first caller that is requesting for assistance with a product. Once the call center receives the call, a call-processing switch routes the first caller to a first agent. Once the caller is routed to the first agent, a first message is transmitted to both the first callers terminal and the first agents terminal. After the first message is presented to the first caller and the first agent, the call-processing switch will monitor the communications stream for distress. During monitoring of the communications stream, the call-processing switch will estimate whether a level of distress is present in the communications stream. If it is estimated by the call-processing switch that there is distress present in the communications stream, the call-processing switch will transmit a second message to the first callers terminal and the first agents terminal.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.962/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :30/03/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYSTEM AND METHOD FOR GRAPHICALLY MANAGING COMMUNICATION SESSIONS

(51) International classification	:G06F3/048, H04L12/56, H04M1/00	(71) Name of Applicant : 1)AVAYA, INC Address of Applicant :211,MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, U.S.A.
(31) Priority Document No	:61/164,753	(72) Name of Inventor :
(32) Priority Date	:30/03/2009	1)BIRGIT GEPPERT
(33) Name of priority country	:U.S.A.	2)FRANK ROESSLER
(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	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein are systems, methods, and non-transitory computer-readable storage media for managing a communication session via a graphical user interface (GUI). The method causes a communication device to present a set of connected graphical elements representing a structure of the communication session via the GUI, the communication session comprising at least two communicating users, receive user input associated with the set of connected graphical elements, the user input having an action associated with the communication session, and perform the action based on the received user input. The graphical elements can include images, text, caricatures, and avatars, and can change based on a contacted party context, persona, and presence. Active connections to the communication session can be visually represented as overlapping graphical elements, a line connecting graphical elements, a shape connecting graphical elements, a shape with radiating lines connecting graphical elements, and a common augmented appearance of graphical elements.

No. of Pages : 44 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.922/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITION

(51) International classification	:A61K 9/12
(31) Priority Document No	:GB 0918450.8
(32) Priority Date	:21/10/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/001955
Filing Date	:21/10/2010
(87) International Publication No	:WO/2011/048379
(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)INNOVATA LIMITED

Address of Applicant :1 MERE WAY, RUDDINGTON,
NOTTINGHAM. NG11 6JS GB

(72)Name of Inventor :

1)MARTYN, GLEN

(57) Abstract :

The invention provides a composition for inhalation comprising a pharmaceutically acceptable glassy matrix and at least one bioactive material within the matrix, wherein the glassy matrix comprises a metal ion salt, wherein the composition is substantially free of polyols and is in the form of a powder and wherein the powder comprises particles having a median geometric diameter of less than 10 µm.

No. of Pages : 91 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.923/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AIR FILTER

(51) International classification	:H05K 7/20
(31) Priority Document No	:0918597.6
(32) Priority Date	:23/10/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/001947
Filing Date	:20/10/2010
(87) International Publication No	:WO/2011/048371
(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)4ENERGY LIMITED
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NG12 5HN, UNITED KINGDOM.
(72)**Name of Inventor :**
1)TINDALE, PATRICK
2)REDSHAW, STUART PETER

(57) Abstract :

An air filter unit (20) configured for attachment to an external wall of an enclosure, the air filter unit comprising an inlet (21) at a base of the unit; a filter (23) formed by a passageway extending from the inlet and lined with bristles extending across the passageway along at least a portion of the passageway length; an outlet (28); and a heat exchanger (24) disposed between the filter and the outlet such that air passing through the inlet and filter passes through the heat exchanger prior to exiting the unit through the outlet, wherein the air filter unit is configured for attachment such that the heat exchanger is disposed above the filter in use.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/04/2012

(21) Application No.956/MUMNP/2012 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : DYE POLYMERS

(51) International classification	:C11D 3/40,C11D 3/37
(31) Priority Document No	:PCT/CN2009/001180
(32) Priority Date	:23/10/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/EP2010/065255
Filing Date	:12/10/2010
(87) International Publication No	:WO/2011/047987
(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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1)BATCHELOR STEPHEN NORMAN

2)BIRD JAYNE MICHELLE

3)CHEN HONGGANG

4)MENG SHENG

5)TAO QINGSHENG

6)WANG JINFANG

(57) Abstract :

The present invention relates to polymeric shading dye and their use in laundry applications. The polymers are polyethylene imines and the dyes are reactive dyes.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.957/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ANTI-COUNTERFEIT METHOD FOR RANDOM TEXTURE AND RECOGNIZER THEREOF

(51) International classification	:G06K 9/00,D21H 15/06
(31) Priority Document No	:200910196692.0
(32) Priority Date	:28/09/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/077406
Filing Date	:28/09/2010
(87) International Publication No	:WO/2011/035738
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SUN, XIANLIN

(57) Abstract :

An anti-counterfeit method for random texture and a recognizer thereof are provided by the invention. The method includes the following steps: A. texture material 2 with texture element 1 distributed randomly is selected; B. a recognition system stores inherent recognition feature J of texture element 1; C. random feature S distributed in texture 1 is extracted and stored in the recognition system, and texture 2 is enabled to be anti-counterfeit identification 3; D. in recognizing, the recognition system extracts feature J and random feature S of texture element 1 to be recognized on anti-counterfeit identification 3 to be recognized, and compares respectively feature J with recognition feature J as well as random feature S with random feature S, if one or two of the compared results does not match, anti-counterfeit identification 3 to be recognized is judged not to be anti-counterfeit identification 3, otherwise, anti-counterfeit identification 3 to be recognized is judged to be anti-counterfeit identification 3. The method can be applied to implement that the inherent feature of a texture element is not imitated and deceived by a printed texture element, and it can support a cheap and simple recognizer.

No. of Pages : 40 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.958/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LAUNDRY COMPOSITIONS

(51) International classification	:C11D 3/22,C11D 3/50
(31) Priority Document No	:PCT/EP2009/064702
(32) Priority Date	:05/11/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/EP2009/064702
Filing Date	:05/11/2009
(87) International Publication No	:WO/2011/054389
(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)FERGUSON PAUL

2)JONES CHRISTOPHER CLARKSON

(57) Abstract :

The invention relates to a laundry detergent composition comprising a) from 5 to 80 wt.% of an anionic and/or nonionic surfactant; b) from 0.001 to 5 wt.% of micro-fibrous cellulose and, c) from 0.025 to 10 wt.% of perfume particles, with the proviso that when the perfume particles are present at a level of 1.5 wt.% and have a polymeric melamine-formaldehyde shell, then the perfume particles additionally comprise a deposition aid; the invention further relates to a process to make the composition, a method of treatment incorporating the composition and to the use to micro-fibrous cellulose to improve perfume deposition.

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.950/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DRAFT DEVICE OF A DRAFTING MACHINE OR A LAP-FORMING MACHINE

(51) International classification :D01G 27/00
(31) Priority Document No :BS2009A000237
(32) Priority Date :28/12/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2010/055373
Filing Date :23/11/2010
(87) International Publication No :WO/2011/080611
(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 :VIA S. ALBERTO, 10 I-25036
PALAZZOLO SULL'OGGIO, BRESCIA ITALY.
(72)Name of Inventor :
1)PRANDINI, GIROLAMO
2)TORCOLI, ROBERTO

(57) Abstract :

A draft device (1) of a drafting machine or lap-forming machine on a spinning line comprises an opening unit (10) positioned upline of the draft unit (2). The opening unit (2) comprises opening cylinders with annular bosses or pairs of overlapping cylinders with a cylindrical helix, suitable to sink into each sliver entering the unit to open it, improving the conditions for subsequent drafting.

No. of Pages : 24 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.951/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LAP FORMING DEVICE WITH A BELT

(51) International classification	:D01G 27/00
(31) Priority Document No	:BS2009A000226
(32) Priority Date	:17/12/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/055372
Filing Date	:23/11/2010
(87) International Publication No	:WO/2011/073831
(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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PALAZZOLO SULL'OGGIO, BRESCIA, ITALY.

(72)Name of Inventor :

1)PRANDINI, GIROLAMO

2)TORCOLI, ROBERTO

(57) Abstract :

The belt (30) of a lap-forming device (1) is multilayer and has a processing layer (30a) destined to come into contact with the lap, made from polyurethane, an intermediate reinforcement layer (30b) made from polyester fabric and a dragging layer (30c) destined to come into contact with the primary calender (22), made from polyester.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.952/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMBING MACHINE WITH VARIABLE SPEED CIRCULAR COMB

(51) International classification	:D01G 19/10
(31) Priority Document No	:BS2009A000227
(32) Priority Date	:18/12/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/055880
Filing Date	:16/12/2010
(87) International Publication No	:WO/2011/073942
(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)MARZOLI S.P.A.

Address of Applicant :VIA S. ALBERTO, 10 I-25036
PALAZZOLO SULL'OGGIO, BRESCIA, ITALY.

(72)Name of Inventor :

1)TORCOLI, ROBERTO

2)PRANDINI, GIROLAMO

(57) Abstract :

A combing machine is provided with a transmission device (30) for moving the circular comb at a variable speed. The transmission device 30 comprises a flat intermittent drive, which ensures highly reliable regular functioning.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.972/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LOCATION METHOD, APPARATUS AND SYSTEM

(51) International classification :H04W 4/02
(31) Priority Document No :CN200910237241.7
(32) Priority Date :05/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/078415
Filing Date :04/11/2010
(87) International Publication No :WO/2011/054302
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

The present invention discloses a location method, apparatus and system, and the method comprises the following steps: a Mobility Management Entity (MME) receives a location service request, selects an Evolved Service Mobile Location Center (E-SMLC), and transmits the location service request including a location identifier to the selected E-SMLC; the MME receives a User Equipment (UE) specific message including the location identifier transmitted by the E-SMLC, and communicates the location information with the E-SMLC using the location identifier. The embodiments of the present invention can ensure the correct delivery of the location information, and further improve the correctness of the location technology.

No. of Pages : 32 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.973/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SHAFT END SEALING DEVICE AND CONCRETE MIXER PROVIDED WITH THE SAME

(51) International classification :B28C 5/08
(31) Priority Document No :CN 200920219891.4
(32) Priority Date :22/10/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074653
Filing Date :28/06/2010
(87) International Publication No :WO/2011/047557
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)ZOU, XIANG
2)CHEN, MINGLIN
3)TAN, XUEJUN

(57) Abstract :

shaft end sealing device and a concrete mixer provided with the same are provided. The shaft end sealing device comprises a wearable ring (31) connected to the mixing tank wall (30) of the concrete mixer, a dust cap (32) connected to a main shaft (21) of the concrete mixer and rotating with the main shaft synchronously, a first clearance (34) formed between the dust cap (32) and the wearable ring (31) and communicated with lubricating oil cavity, a sealing ring (33) arranged between the tank wall (30) and the main shaft (21), and a second clearance (35) formed between the sealing ring (33) and the main shaft (21) to constitute a labyrinth seal and communicated with the first clearance (34). The device can prevent slurry from directly seeping in an oil circuit and leaking out so as to increase the tightness and reliability of the device.

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.971/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BONDED ABRASIVE ARTICLE AND METHOD OF FORMING

(51) International classification :B24D 3/10,B24D 18/00
(31) Priority Document No :61/249,659
(32) Priority Date :08/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/052051
Filing Date :08/10/2010
(87) International Publication No :WO/2011/044507
(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)JEEVANANTHAM, MUTHU
4)BOT-SCHULZ, ROSEMARIE
5)MCNEAL, KELLEY
6)SARANGI, NILANJAN

(57) Abstract :

An abrasive article having an abrasive body including abrasive grains contained within a bond material, wherein the abrasive grains comprise microcrystalline alumina, and wherein the bond material includes less than about 1.0 mol% phosphorous oxide (P₂O₅), and a ratio measured in mol% between a total content of sodium oxide (Na₂O) and a total content of potassium oxide (K₂O) defined by [K₂O/Na₂O] having a value greater than about 0.5.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.975/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CAUGHT OBJECT DETECTION METHOD, SETTING METHOD FOR CAUGHT OBJECT DETECTION DEVICE, CAUGHT OBJECT DETECTION DEVICE, AND OPEN/CLOSE CONTROL DEVICE

(51) International classification	:E05F 15/16
(31) Priority Document No	:2009-248754
(32) Priority Date	:29/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/006151
Filing Date	:15/10/2010
(87) International Publication No	:WO/2011/052152
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)TATEGAMI, TOORU

(57) Abstract :

Disclosed is a method for detecting foreign objects caught in an opening and closing device that moves an opening and closing body by driving a motor. In detection mode, foreign objects caught in the opening and closing device are detected by comparing the signal changes and threshold value that are correlated with the rotating speed of the motor. In setting mode, the respective amounts of motor rotation used for the opening and closing body to reach a first position and a second position, which differs from the first position, from a prescribed reference position by means of driving the motor are detected; and a settings value, which was calculated on the basis of the displacement between the first position and the second position of the opening and closing body and the difference between the amounts of motor rotation respectively detected at the first position and the second position, is set as the threshold value.

No. of Pages : 42 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.995/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TREATING NEUROTOXICITY ASSOCIATED WITH COMBINATIONS OF 5- FU OR ITS PRODRUGS AND DPD INHIBITORS

(51) International classification	:A61K 31/513
(31) Priority Document No	:61/251,449
(32) Priority Date	:14/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052734
Filing Date	:14/10/2010
(87) International Publication No	:WO/2011/047195
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

Methods for improved administration and dosing of DPD inhibitors in combination with 5-FU and/or 5-FU prodrugs are provided, comprising first administering to a patient in need thereof a DPD inhibitor that substantially eliminates activity of the enzyme in both nervous and non-nervous tissues within the patient and thereafter administering 5-FU or a 5-FU prodrug, wherein the level of 5-FU or 5-FU generated from a prodrug is in substantial excess of DPD inhibitor in the patient.

No. of Pages : 40 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.974/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SERVO CONTROL APPARATUS

(51) International classification	:H02P 29/00,G05D 3/12
(31) Priority Document No	:2009-291904
(32) Priority Date	:24/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065464
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/077789
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)KURAMOTO HIROHISA

(57) Abstract :

A control unit (100) conducts a servo control of a table (02), which is the load, by conducting a feedback control of a servomotor (40). An inverse characteristic model (300) conducts a feedforward compensation control, by obtaining a speed compensation signal (V300) that compensates the dynamic errors of the mechanical system. When the rigidity of a screw section (31) of a ball screw (30) along the axial direction changes, a rigidity-change compensation unit (400) changes the rigidity value of the screw section along the axial direction that is included in the compensation control transfer function of the inverse characteristic model (300), in accordance with the change in rigidity. Thus, the servo control apparatus compensates such changes in rigidity and conducts an accurate servo control of the position of the table (02), even when the ball screw (30) of the feeding mechanism expands or contracts due to secular change or change in temperature, and rigidity along the axial direction changes.

No. of Pages : 38 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.988/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : QUICK-FIT CONNECTION

(51) International classification	:F16L 37/091
(31) Priority Document No	:BS2009A000197
(32) Priority Date	:30/10/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/054867
Filing Date	:27/10/2010
(87) International Publication No	:WO/2011/051895
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GIORDANO VINCENZA

(57) Abstract :

The present invention relates to a quick- fit connection for pipes comprising a body (2) having at least one spigot (4), which extends around a longitudinal axis, suitable for being at least partially inserted in the pipe, and a blocking element, suitable for working on the outside of the pipe and for cooperating with the body so as to keep the spigot engaged in the pipe. The blocking element comprises at least one annular blocking body, which identifies a passage section for the pipe and which comprises blocking teeth (101) extending radially internally to interfere with the pipe. Moreover, the blocking element is removable from the body.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.989/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CONTROLLING MOBILITY IN CELLULAR NETWORKS

(51) International classification	:H04W 24/02
(31) Priority Document No	:0918215.5
(32) Priority Date	:19/10/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/051756
Filing Date	:18/10/2010
(87) International Publication No	:WO/2011/048410
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

A cellular basestation can select its own mobility parameters in order to achieve desirable effects in terms of the overall network performance. When a cellular basestation forms part of a group of such basestations on a single local area network, it can receive information from the other basestations in the group, for example relating to the loading on the other basestations, and can use this information in order to set mobility parameters. Where the basestation receives loading information from other basestations in the group, it can set mobility parameters so that a user equipment device becomes less likely to select a more highly loaded cell, and more likely to select a less highly loaded cell.

No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.858/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TREATMENT AND PREVENTION OF HIV INFECTION

(51) International classification	:A61K 9/51
(31) Priority Document No	:09170916.2
(32) Priority Date	:22/09/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/063930
Filing Date	:22/09/2010
(87) International Publication No	:WO/2011/036159
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)BAERT, LIEVEN ELVIRE COLETTE
2)KRAUS, GUENTER

(57) Abstract :

This invention relates to the long term treatment of HIV infection by intermittently administering a parenteral formulation comprising brecanavir at relatively long time intervals. This invention further concerns pharmaceutical compositions for parenteral administration, comprising micro- or nanoparticles of brecanavir, suspended in an aqueous pharmaceutically acceptable carrier, for the treatment and prophylaxis of HIV infection.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.998/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HEAT EXCHANGER FOR GENERATING STEAM FOR SOLAR POWER PLANTS

(51) International classification	:F22B 29/06
(31) Priority Document No	:09014365.2
(32) Priority Date	:17/11/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/006512
Filing Date	:25/10/2010
(87) International Publication No	:WO/2011/060870
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

The invention relates to a heat exchanger for generating steam for solar power plants, comprising: an outer casing with an inlet and an outlet port for a heat-emitting medium; an inlet and an outlet collector for a heat-absorbing medium, preferably water, said inlet and outlet collectors lying substantially within the outer casing; and a tube bundle within the outer casing with a number of tube layers comprising continuous tubes, which are designed such that the heat-emitting medium can flow entirely around same and which are designed as flow paths for the heat-absorbing medium from the inlet collector to the outlet collector. The tube bundle is designed in a meandering manner, wherein the heat exchanger for generating steam is designed according to the forced-flow principle so that the heat-absorbing medium, which is fed into the inlet collector, is successively pre-heated, evaporated, and superheated in the course of the flow paths so that a superheated steam exits the outlet collector. The energy required for the pre-heating, evaporation, and superheating is essentially provided entirely by the heat transfer from the heat-emitting medium to the heat-absorbing medium within the heat exchanger.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.999/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : IMPROVED NON-ROUND FLUID FILLED LENS OPTIC

(51) International classification :G02B 1/06
(31) Priority Document No :61/251,155
(32) Priority Date :13/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/052362
Filing Date :12/10/2010
(87) International Publication No :WO/2011/046956
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)NIBAUER, LISA

6)LOSER, PASCAL

7)EGAN, WILLIAM

(57) Abstract :

An optical and mechanical design of a sealed, non-round fluid-filled lens capable of providing variation of optical power. The fluid lens includes at least three optical components: at least one mostly rigid optical disc, at least one mostly flexible optical membrane and a layer of a transparent fluid that is in communication via a fluid channel with a reservoir of excess fluid contained in a reservoir that can be accessed to augment the fluid volume inside the fluid lens to change the power of the fluid lens. The fluid lens is capable of providing correction of spherical and astigmatic errors, and utilizes contoured membranes to minimize image aberrations.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.966/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : NESTED CELL ENCAPSULATION

(51) International classification	:G01N 33/50
(31) Priority Document No	:0918564.6
(32) Priority Date	:22/10/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/EP2010/006459
Filing Date	:22/10/2010
(87) International Publication No	:WO/2011/047870
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

The invention relates to a method for encapsulating living cells and labels, as well as encapsulated labelled cells and kits for performing such encapsulation. The encapsulated cells are useful in multiple parallel tissue culture experiments, where the labels in each microcapsule may be used to decipher a cells path through a series of culturing steps.

No. of Pages : 48 No. of Claims : 29

CONTINUED TO PART- 2