

पेटेंट कार्यालय
का
शासकीय जर्नल

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DATE: **15/02/2013**

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

15TH FEBRUARY, 2013

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**THE PATENT OFFICE
KOLKATA, 15/02/2013**

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:-

1	<p>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: cgpdtm@nic.in</p>	4	<p>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> <ul style="list-style-type: none"> ❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.
2	<p>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> <ul style="list-style-type: none"> ❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli 	5	<p>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>❖ Rest of India</p>
3	<p>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> <ul style="list-style-type: none"> ❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand, Delhi and the Union Territory of Chandigarh. 		

Website: www.ipindia.nic.in

www.patentoffice.nic.in

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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 15/02/2013
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 इंगल 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, लक्ष्मीप</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 जाहौं उपयुक्त कार्यालय स्थित हैं।

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)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

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 no third party representation.

Early Publication:

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(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/03/2012

(21) Application No.801/DEL/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : REGENERATIVE SPEED BREAKER

(51) International classification	:B60C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANANT PURI
(32) Priority Date	:NA	Address of Applicant :A-2/15, HAHNEMANN ENCLAVE, SECTOR-6, PLOT NO.40, DWARKA, NEW DELHI-110075 India
(33) Name of priority country	:NA	2)ABHISHEK AGARWAL
(86) International Application No	:NA	3)ANKIT MAHAJAN
Filing Date	:NA	4)BHARAT BHASIN
(87) International Publication No	:NA	5)SANAM PREET SINGH SARABHA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANANT PURI
(62) Divisional to Application Number	:NA	2)ABHISHEK AGARWAL
Filing Date	:NA	3)ANKIT MAHAJAN
		4)BHARAT BHASIN
		5)SANAM PREET SINGH SARABHA

(57) Abstract :

The present innovation provides a novel regenerative speed breaker system. The principle involved is to harness the kinetic energy being wasted during vehicle braking over a bump and use this to regenerate energy in useful form. This patent deals with a few ideas to do the same. Amongst these, one has been successfully manufactured and proven by the inventors. The one proven is a mechanical linkage setup. The stopping vehicle negotiates over a mechanical speed breaker, which converts this transition into movement of mechanical linkage(s). This is further utilised to run an electromagnetic generator to regenerate useful electromotive force. This can be further stored in a storing component like an electrical battery or other usable forms like a hydraulic accumulator. The incorporation of a damper with spring helps to capture both front and rear tire interaction in a smooth and quick manner.

No. of Pages : 21 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2030/MUM/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DICHLORIC ACIDS,REACTIVE CHLORINE COMPOUNDS THEIR DERIVATIVES, ANIONS AND SALTS AS WELL AS PROCESSES FOR THEIR MANUFATURE AND USE

(51) International classification	:A61K33/00, C01B11/02	(71) Name of Applicant : 1)CYTO TOOLS GMBH Address of Applicant :PETERSENSTRASSE 22,D-64287 DARMSTADT, GERMANY
(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)WANNOWIUS KLAUS JUERGEN
(87) International Publication No	:N/A	2)KAISER, DIRK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to aqueous solutions of reactive chlorine compounds having the empirical formulae H₂Cl₂O₆ or C₁₀H, for example, and the derivatives, anions or salts thereof. The invention further relates to methods for the production of said compounds and the use thereof in the pharmaceutical and particularly in the medical field, in cosmetics, medicinal care and in the domains of food technology and technology.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/10/2012

(21) Application No.3023/MUM/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ATMOSPHERIC WATER EXTRACTION APPARATUS

(51) International classification	:F25D21/00, B01D5/00, C02F1/18	(71) Name of Applicant : 1)ELECTROWATER TECHNOLOGIES PRIVATE LIMITED Address of Applicant :DGP HOUSE, 5TH FLOOR, 88C OLD PRABHADVI ROAD, MUMBAI 400 025, MAHARASHTRA India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)ASTHANA ANIT
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Atmospheric water extraction apparatus. The apparatus I comprises a first condenser (3), a second condenser (4), at least one first air blower (2), a heat sink (6). a compressor (7) and at least one second air blower (5). The first air blower, first condenser, second condenser and compressor are located on a platform (8) and disposed in a removable perforated housing (9) with the first air blower in front of the first condenser. The first condenser comprises a perforated plate (11) and tube (12) heat exchanger. The second condenser comprises a shell and tube heat exchanger disposed behind the first condenser and having a shell defined by a pair of opposing vertical walls of slotted structure (16) disposed in spaced apart relationship with each other with the opposite sides open and held together at the bottom and top thereof and an open ended tube (20). The second air blower and heat sink are located outside the perforated housing exposed to the atmosphere with the second air blower disposed in front of the heat sink. The heat sink is similar in construction to the second condenser. The compressor forms a close loop with the condensers and heat sink for a refrigerant to flow therethrough. A water collection tray (29) is disposed in a recess (30) in the platform below the condensers and provided with water level sensor (31) and a water dispenser 32. A temperature sensor (34) is provided in the perforated housing for sensing the temperature in the perforated housing. A microcontroller (35) is provided for sensing the lower and upper water levels in the water tray and temperature in the perforated housing and controlling the operations of the compressor and air blowers. The microcontroller is operable with an AC power supply through an ON/OFF switch (36). The outer surface of the condensers is, preferably, plasma treated. The apparatus is compact and cost effective and simple and rugged in construction. It gives increased amount of water, especially potable water without filtration or chemical or irradiation techniques, at nominal power consumption.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2012

(21) Application No.3541/MUM/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : REFRIGERATOR CUM ATMOSPHERIC WATER EXTRACTOR

(51) International classification	:f25d21/00, b01d5/00, c02f1/18	(71) Name of Applicant : 1)ELECTROWATER TECHNOLOGIES PRIVATE LIMITED Address of Applicant :DGP HOUSE, 5 FLOOR, 88C OLD PRABHADVI ROAD, MUMBAI 400 025, MAHARASHTRA India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)ASTHANA ANIT
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Refrigerator cum atmospheric water extractor. In the combination (1A) of the refrigerator and atmospheric water extractor, the refrigerator (2) and water extractor are functionally integrated with a common compressor (42) having a refrigerant inlet end (43) connected to the refrigerant outlet ends (25, 32) of the tubes of the first and second condensers (13, 14) of the water extractor and the refrigerant outlet (7) of the evaporator (4) of the refrigerator and further having a refrigerant outlet (45) connected to the refrigerant inlet (9) of the condenser (8) of the refrigerator and refrigerant inlet end (35) of the tube of the heat sink (16) of the water extractor to form a closed refrigerant recirculation loop with the heat sink, condensers and evaporator and with a common microcontroller (46) configured to sense the water level in the water collection tank (38.) of the water extractor through a water level sensor (41) in the tank and temperature in the cabinet (3) of the refrigerator through a thermostat (12) in the cabinet and to control the operation of the air blowers (15, 17) of the water extractor and fan (5) of the refrigerator and also to control the operation of the refrigerator and water extractor in a synchronized and interdependable manner to achieve the dual purpose of water extraction and refrigeration in an efficient and cost effective manner. The microcontroller is operable with an AC power supply (47) through an on/off switch (48).

No. of Pages : 34 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/11/2012

(21) Application No.3212/MUM/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF CALCIUM GLUCONATE

(51) International classification	:C12N9/04	(71) Name of Applicant : 1)SFPL CROP LIFE SCIENCE PRIVATE LIMITED Address of Applicant :302, ROYAL HOUSE, 11/3, USHA GANJ, INDORE-452001 Madhya Pradesh 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)KARWA, ANUP
(87) International Publication No	: NA	2)SINGH, PAWAN, KUMAR
(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 the field of fermentation. Particularly, the invention provides a highly efficient, energy saving and an economical process for the production of a metal gluconate i.e. calcium gluconate through microbial fermentation. The process advantageously produces high yield of about 108% calcium gluconate as compared to raw material (Dextrose Mono Hydrate) used in a short period of about less than 16-18 hours.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2012

(21) Application No.3265/MUM/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A NOVEL RUBBER COMPOSITION

(51) International classification	:C08K5/00	(71) Name of Applicant : 1)PATHAK RITESH HARENDRA Address of Applicant :B/301 BALAJI HEIGHTS, NEAR MOTNATH MAHADEV, B/H PANCHMUKHI HANUMAN MANDIR, HARNI ROAD, VADODARA-390022 GUJARAT, INDIA
(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	2)PATHAK KAMINI RITESH
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PATHAK RITESH HARENDRA
(62) Divisional to Application Number	:NA	2)PATHAK KAMINI RITESH
Filing Date	:NA	

(57) Abstract :

The present invention contemplates to a novel rubber composition which can be detected by metal detector. The present invention also relates to process for preparing such composition and also the benefits of such composition to prepare parts of pharmaceutical and food product manufacturing equipments.

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/12/2012

(21) Application No.3621/MUM/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HYBRID EXCITED ROTOR STRUCTURES FOR PERMANENT MAGNET SYNCHRONOUS MOTORS

(51) International classification	:H02K21/00	(71) Name of Applicant : 1)COLLEGE OF ENGINEERING, PUNE Address of Applicant :WELLESLEY ROAD, SHIVAJI NAGAR, PUNE- 411 005, 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)CHAUDHARI, BHALCHANDRA NEMICHAND
(87) International Publication No	: NA	2)UGALE, RAJARAM TUKARAM
(61) Patent of Addition to Application Number	:NA	3)BAKA SRINIVAS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Line Start Permanent Magnet Synchronous Motor comprises a stator; a rotor pair comprising a pair of rotor elements, the elements being a Field Wound Claw Pole (FWCP) rotor element having a field winding and a Line Start Permanent Magnet (LSPM) rotor element having permanent magnets configured thereon; and a controller adapted to Control field excitation of the Field Wound Claw Pole (FWCP) rotor element to provide hybrid excitation in conjunction with magnetic excitation of the permanent magnets of the Line Start Permanent Magnet (LSPM) rotor element. Such a configuration reduces the braking torque typically present in line start permanent magnet synchronous motors adjust power factor and improves the stability and power factor of the machine.

No. of Pages : 42 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/01/2013

(21) Application No.5/MUM/2013 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN IMPROVED HAIR CLIP WITH SAFE RETAINER

(51) International classification	:A45D8/00	(71) Name of Applicant : 1)MR. RAUT PRADEEP BHAGWAN Address of Applicant :AAI BANGLOW, NEAR RAM MANDIR, BOLINJ, VIRAR (WEST) - 401303, 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	
(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 :

An improved hair clip with safe resilient hair retainer; the retainer integrally having arms with waviness, and protruding dome such that the dome and arms combination stretches according to the quantum of hair to be retained without any possibility of damage or breakage of hair as there is no open edge.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2013

(21) Application No.32/MUM/2013 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : INTRANASAL MICRO-EMULSION OF AN ANTI-MALARIAL DRUG, ARTEMETHER

(51) International classification	:A61K31/00, A61K9/00, A61K47/44	(71) Name of Applicant : 1)RAMANBHAI PATEL COLLEGE OF PHARMACY Address of Applicant :CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, AT POST. CHANGA, TAL. PETLAD, DIST. ANAND-382421, GUJARAT India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)AMIT JAGDISH PATEL
(33) Name of priority country	:NA	2)MANSI UDAY PARADKAR
(86) International Application No Filing Date	:NA	3)RAJESH HARSHADRAY PARIKH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to a intranasal micro-emulsion of an anti-malarial drug, Artemether for nasal administration. The invention also relates to the process of preparation of such a intranasal micro-emulsion of an anti-malarial drug, Artemether for nasal administration. The present invention also relates to the development of novel nasal delivery system of Artemether to be used in the treatment of malaria caused by Plasmodium species.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2013

(21) Application No.33/MUM/2013 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MANUFACTURING OF FIBER CEMENT ANTI-FUNGAL & ANTI-ALGAL ROOFING SHEETS

(51) International classification	:C04B20/10, C04B103/67	(71) Name of Applicant : 1)EVEREST INDUSTRIES LIMITED Address of Applicant :GAT 152, LAKHMAPUR VILLAGE, DINDORI TALUKA, POST BAG NO.5, DISTRICT NASHIK- 422202, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)RAO, YENDURI SRINIVASA 2)GOSETTY, BASAVARAJAPPA 3)MALI, SHARAD SANTOSH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A Fiber Cement asbestos and non asbestos roofing sheets manufactured by Hatschek.is having inbuilt anti-fungal and anti-algal properties by addition of the biocide additive is disclosed. The Fiber Cement asbestos and non asbestos roof sheet contains biocide additive either or mix of diuron, carbendizm, Idopropynyl butyl carbonates, zinc and silver based biocides at 0.02-1.5% by solid. This biocide additive is mixed in entire formulation or only on the top layer of the sheets by dosing at last vat.

No. of Pages : 8 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3342/MUM/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PUSH FIT TYPE CODED LOCK

(51) International classification	:E05B65/00	(71) Name of Applicant : 1)M/S. ATLAS PLASTIC Address of Applicant :22 MADHURAM COMPLEX SUBHASHBRIDGE AHMEDABAD-380 027. GUJARAT. INDIA.
(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	

(57) Abstract :

Push fit type coded lock comprising of a body cover rectangular prism curve shape grip insert and a twisted wire. The rectangular prism which has identification in form of symbols of indices is covered in the body cover and then curved shape grip insert is to be inserted from the side allowing only one direction movement. Twisted wire firmly associates body cover rectangular prism and curve shape grip insert by passing it through the aligned holes of rectangular prism and curve shape grip insert respectively making a double U shape formation of wire.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2012

(21) Application No.460/MUM/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PERMANENT MAGNET FIXING TOOL FOR ELECTRICAL GENERATOR OF LARGE POWER

(51) International classification	:H02K 1/27	(71) Name of Applicant : 1)JYOTI LIMITED Address of Applicant :NANUBHAI AMIN MARG, INDUSTRIAL AREA, P. O. CHEMICAL INDUSTRIES, VADODARA 390 003, 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 : 1)AMIN RAHUL NANUBHAI
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 reliable, simple and cost effective system and method for creating at least one magnetic pole on an element of an electrical machine by assembling a plurality of magnets thereon is provided. The system comprises at least one magnetic pole creating apparatus including a non-magnetic frame; magnet guiding means mounted on the frame, the magnet guiding means comprising a reciprocating inner part provided with a magnet holding plate for holding the plurality of magnets and an outer part fixed to the frame; a jig removably fitted at a predetermined location on the element, the jig is coupled to the non-magnetic frame; and a magnet receiving apparatus coupled to the jig and co-operating with the inner part for receiving and securing the plurality of magnets to the element of the electrical machine. The system also enables simultaneous assembly of a plurality of magnetic poles on the element of the electrical machine.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2012

(21) Application No.3434/MUM/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND DEVICE FOR FAIL-SAFE LANDING OF A VERTICAL ELEVATOR DURING POWER FAILURE IN OPERATION

(51) International classification	:B66B5/00	(71) Name of Applicant : 1)GODREJ & BOYCE MFG CO LIMITED Address of Applicant :PIROJSHANAGAR, VIKHROLI (WEST), MUMBAI 400 079, MAHARASHTRA India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
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 :

Method and device for fail-safe landing of a vertical elevator during power failure in operation. One embodiment of the device 1A comprises a processor (2), a low voltage DC source (3) and a DC to AC converter (4). The processor is configured to sense the AC mains supply connected to the elevator controller and monitor the input signal from the elevator controller continuously. On detecting the AC mains supply failure, the processor is further configured to activate the DC to AC converter and convert the DC source into a AC supply and drive the leading edge brake and the trailing edge brake of the elevator alternatively to retard the elevator speed steadily and smoothly and to sense the door zone signal and to signal to the automatic rescue device of the elevator to apply both the brakes simultaneously as soon as the door zone signal is sensed and to land the elevator safely at the respective floor or station and signal to the elevator controller to open the elevator door and to shut off the DC source .

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/12/2012

(21) Application No.3634/MUM/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SECURING INSURANCE CLAIMS

(51) International classification	:G06F17/60	(71) Name of Applicant : 1)SHAIKH Atik Address of Applicant :4 STAR annex Hotgi Road Manjerewadi Solapur-413003 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 : 1)SHAIKH Atik
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 discloses a system and method for securing rights of a claimant of an insurance policy. According to one embodiment legal insurance system of the present invention receives details relating to a rejected claim from a claimant wherein the claimant through the rejected claim had claimed insurance benefits of an insurance policy that was purchased by an insurance holder from an insurance provider and wherein the insurance holder also held a legal insurance policy having multiple legal insurance parameters. Legal insurance system further evaluates the details related to the rejected claim based on the legal insurance parameters and allocates legal resources to the claimant based on evaluation of the details where the claimant files a case against the insurance provider based on the allocated legal resources.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2012

(21) Application No.3728/MUM/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LAPAROSCOPIC DEVICE CONFIGURED WITH ERGONOMIC CONTROL FOR EXTERNALLY MANIPULATING AN INTERNAL ORGRAN.

(51) International classification	:A61B17/00	(71) Name of Applicant : 1)DR. RASIKLAL SHAMJI SHAH Address of Applicant :F/5, THIRD FLOOR, PANNALAL TERRACES, GRANT ROAD, MUMBAI - 400007, 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	: NA	1)DR. RASIKLAL SHAMJI SHAH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A laparoscopic device configured with an ergonomic external control to manipulate an internal organ, the laparoscopic device comprises: an introducer sheath having an open inner end and an open outer end fitted with an annular disc; the opening in the annular disc adapted to be closed in a sealing manner by means of a washer; at least one anchor attached to a common flexible string which is subsequently divided into a plurality of flexible strings extending out of the introducer sheath through the opening in the washer; the anchor being disposed inside the introducer sheath; means for securing the anchor inside the introducer sheath and means for releasing the anchor into the abdomen; wherein the plurality of flexible strings passing through the opening in the washer are adapted to be fixed in a pivotable clip and each of said plurality of strings passes through a skin guard having a string director for externally manipulating the internal organ with ergonomic control.

No. of Pages : 37 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/01/2013

(21) Application No.63/MUM/2013 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A SIGNALING SYSTEM FOR REDUCING REAR END COLLISIONS, RECORDING AND TRACKING OVER-SPEED INSTANCES OF A VEHICLE

(51) International classification	:G08G1/16, B60R21/00	(71) Name of Applicant : 1)MR. SUHAS MACHHINDRA SHINDE Address of Applicant :47/KADAMBARI NAGARI, PHASE 4, PIPELINE ROAD, SAVEDI, AHMEDNAGAR, MAHARASHTRA. PINCODE - 414 003. Maharashtra India 2)MR. RAVINDRA RAMBHAI NAVTHAR
(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	

(57) Abstract :

The present invention provides an anti-collision system for a vehicle by providing early signals of deceleration of the vehicle to a following vehicle above a predefined speed in all possible conditions. The system also determines speed, date and time of the events/incidents occurred above the predefined speed which will be helpful in case of accidents/clashes/incident tracking and recording. The anti-collision system includes an LCD display, a keypad, speed sensors and an electronic control unit. The electronic control unit includes a microcontroller that receives one or more inputs of speed input cases for tracking and recording over speed instances of the vehicle. The anti-collision system produces an output that is given to at least one tail lamp of the vehicle in response to the inputs. The anti-collision system is configured to produce record of speed, date and time of the events occurred above the predefined speed on the LCD display.

No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2925/CHE/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : REGENERATION ELECTRICAL POWER FROM CEILING FAN/ANY ELECTRICAL MOTOR

(51) International classification

:f03d

(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)MAHENDIRAN.S

Address of Applicant :PUDUPPALAYAM,
ARPISAMPALAYAM (POST), VILLUPURAM - 605 108 Tamil
Nadu India

(72)Name of Inventor :

1)MAHENDIRAN.S

(57) Abstract :

Nowadays people are using fan/electrical motor, here electrical power is converted into mechanical power from which we can obtain two things one is for usual application and another one for regenerating electrical power. When the ceiling fan/ any electrical motor control is switched ON the ceiling fan/any electrical motor will start up. Here the electrical power is converted into mechanical power and the converted mechanical power is used for mechanical application. Keywords: regeneration electrical power, power generation from ceiling fan, power generation from any ceiling fan electric motor.

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

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.1322/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :27/10/2003

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR PREPARING A CATALYST FOR THE OXIDATION AND AMMOXIDATION OF OLEFINS

(51) International classification	:B01J 23/84	(71) Name of Applicant : 1)ASCEND PERFORMANCE MATERIALS LLC Address of Applicant :600 TRAVIS STREET, SUITE 300, HOUSTON TX 77002, U.S.A.
(31) Priority Document No	:10/306,664	
(32) Priority Date	:27/11/2002	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)CATHY L. TWAY
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A process for preparing an antimonate-based mixed metal oxide catalyst in ; catalytically active oxidized state, wherein the catalyst is represented by the empirical formula MeaSbbXcQdROf, wherein Me, X, Q, R, a, b, c, d, e, and f are as defined herein, comprising (a) contacting an aqueous Sb2O3 slurry with HNO3 and one or more Me compounds, and, optionally, one or more compounds selected from X, Q, or R compounds to form a first mixture; (b) heating and drying the first mixture to form a solid product; and (c) calcining the solid product to form the catalyst, the catalysts prepared by the process, and the use of the catalysts in ammoxidation and oxidation processes. The catalysts of the invention are particularly useful for the production of acrylonitrile from propylene, ammonia, and an oxygen-containing gas.

No. of Pages : 33 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2233/DEL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : INTELLIGENT SMS DELIVERY MECHANISM DURING POWER OF/UNAVAILABILITY STAGE OF MOBILE FOR SAVING NETWORK BANDWIDTH

(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 :

1)HUAWEI TELECOMMUNICATIONS (INDIA) CO.,
PVT. LTD.

Address of Applicant :14TH FLOOR, TOWER C, UNITECH CYBER PARK, SECTOR-39, GURGAON, HARYANA - 122002, INDIA

(72)Name of Inventor :

1)PAUL, BAPI;

(57) Abstract :

A method for optimization of flow of missed call notifications to a mobile terminal when the subscriber is not reachable comprising receiving a call from a caller by a callee, getting route data/information from callees home location register (HLR), receiving a call from the GMSC in accordance with said route data/information, generating paging to a mobile terminal (MT) of the callee, setting up a call directed to said mobile terminal of the callee and receiving a SetupCallRsp as failure as the mobile terminal of the callee being not reachable. A system is also described in the present invention comprising a GMSC, a HLR in . operative communication with said GMSC by means of sending route data/information, a VMSC of the callee operable to receive a call from said GMSC in accordance with the route information. The VMSC page to a mobile Terminal (MT) of said callee and set up a call directed to said mobile terminal of the callee and the GMSC is further operable to a SetupCallRsp as failure as the mobile terminal of the callee being not reachable. Figure 4

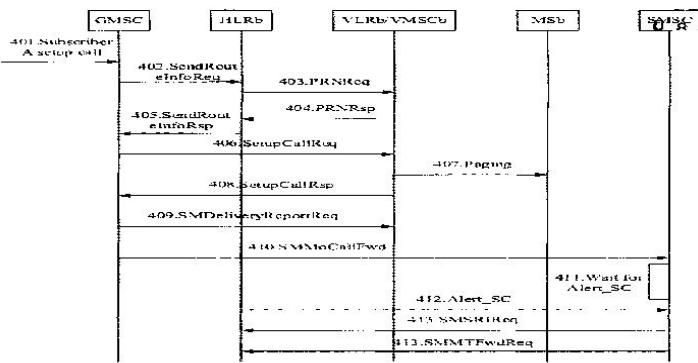


Figure 4

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/08/2011

(21) Application No.2248/DEL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A NOVEL ANTICALCIFYING PROTEIN FROM TRIBULUS TERRESTRIS

(51) International classification	:A61k
(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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/08/2011

(21) Application No.2259/DEL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A DIAPER FOR LOW BIRTH WEIGHT BABIES AND A METHOD FOR PRODUCING THE SAME

(51) International classification	:B31C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)SHIRAM INSTITUTE

Address of Applicant :INDUSTRIAL RESEARCH, 19,
UNIVERSITY ROAD, DELHI-110007, INDIA

(72)Name of Inventor :

1)DHIRAJ KR SINGH,

2)PUSHPLATA

3)BHUVNESHWAR RAI,

4)V. K. TYAGI

5)R.K. DIWAN,

6)U.K.NIYOGI

7)R.K. KHANDAL

(57) Abstract :

Systemic bacterial infection is the most important killer in neonatal population particularly that of low birth weight (LBW) babies. Hygienic and cleanliness particularly prevention of fecal and urinary soiling plays an important role in prevention of systemic infections. The available diapers are for only bigger infants and are costly. Therefore, the present invention relates to diaper for low birth weight babies comprising an absorbent layer between top and back layer wherein the absorbent layer comprising of textile waste and bamboo fiber and top layer non-woven PP. The diapers are cost effective and efficient for maintenance of hygiene.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/08/2011

(21) Application No.2258/DEL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FOLDABLE OR COLLAPSIBLE GOAL POST

(51) International classification	:B27D
(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)APAR MAHAJAN

Address of Applicant :B-5, SPORTS COMPLEX, DELHI
ROAD, MEERUT Uttar Pradesh India

(72)Name of Inventor :

1)APAR MAHAJAN

(57) Abstract :

Foldable and collapsible goalpost that can be folded and unfolded in four very easy steps. It is fabricated with light weight aluminium pipes that does not require tedious setting up and breaking down. There are no loose parts that need to be fitted together in order to setup the goalpost. The said mini-goalpost is also suitable to be used indoors and is ideal for training purposes. The foldable goalpost comprising of; a pair of L-shaped members, which are connected together through a hinge joint, a pair of backstay bars, one ends of which are connected to a said respective vertical bars through rotatable joints and other ends to said respective bottom side support bars ,a pair of bottom side support bars forming a base frame with bottom rear support bar such that front end of which are connected to the respective bottom ends of vertical bars with help of rotatable joints and rear ends connected to bottom ends of said backstay bars through fixed joints, a collapsible rear bottom bar connected to extended rear ends of bottom side support bars with the help of rotatable joint and made out of a pair of pipe members such that one can be inserted in to the other, and a mesh net attached to the goal post using fasteners and chord.

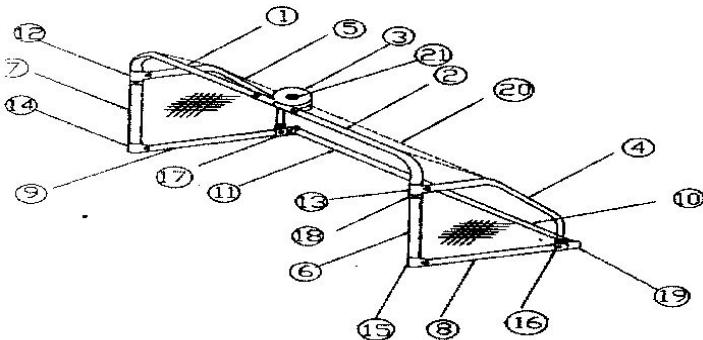


FIG. 1

No. of Pages : 21 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2290/DEL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN IMPROVED BIOPROCESS FOR THE PRODUCTION OF L-METHIONINE AMINOPEPTIDASE (L-MAP) FROM STREPTOMYCES GEDANENSIS

(51) International classification	:A01J	(71) Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)K MADHAVAN NAMPOOTHIRI
(87) International Publication No	:NA	2)RAJI RAHULAN
(61) Patent of Addition to Application Number	:NA	3)ASHOK PANDEY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved bioprocess for the production of L-methionine amino peptidase. More particularly it relates to an improved bioprocess for the production of extracellular L-methionine amino peptidase. The process comprises of cultivating a strain of Streptomyces gedenensis (ATCC 4880) in an inert solid support (polyurethane foam(PUF)), moistened with a nutrient solution composed of assimilable sources of carbon and nitrogen along with surfactant, growth promoting substances and mineral salts and subsequent isolation of methionine specific aminopeptidase from the fermented matter. Response surface methodology of Box Behnken design was employed to uncover the optimum level of significant factors which resulted in a maximum MAP production of 57 IU/g PUF.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2291/DEL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NOVEL GLYCEROL-BASED HETEROGENEOUS CARBON BASE CATALYST USEFUL FOR THE TRANSESTERIFICATION OF VEGETABLE OILS TO BIODIESEL, A PROCESS AND USE THEREOF.

(51) International classification	:C07D	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)BETHALA LAKSHMI ANU PRABHAVATHI DEVI 2)KUKUMA VIJAYALAKSHMI 3)POTHARAJU SEETHARAMANJANEYA SAI PRASAD 4)RACHAPUDI BADARI NARAYANA PRASAD
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides heterogeneous carbon-based solid base catalyst from glycerol-based carbon acid catalyst and a novel method for the preparation of heterogeneous carbon-based solid base catalyst from glycerol-based carbon acid catalyst by treating with alkali solution. This glycerol-based solid base catalyst is employed for transesterification of vegetable oils like sunflower oil, high oleic sunflower oil, soybean oil, palm oil, castor oil, rice bran oil and any other refined clean oils for the preparation of biodiesel. This catalyst is highly active, reusable, moisture tolarent and simplifies the biodiesel process particularly for transesterification of vegetable oils by replacing the traditional homogeneous alkaline catalysts. The present invention also provides a two-step process for the production of biodiesel from high free fatty acid containing non-edible oils namely jatropha, karania, deodorizer distillate, used oils and animal fat by employing glycerol-based carbon acid catalyst for esterification followed by carbon-based base catalyst for transesterification thus replacing sulfuric acid and alkali respectively thus making the biodiesel process more environmentally friendly.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2010

(21) Application No.2237/DEL/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MOULD FOR MANUFACTURING OF WIND TURBINE BLADES

(51) International classification	:B22C 9/00, B22D	(71) Name of Applicant : 1)Vestas Wind Systems A/S Address of Applicant :Alsvej 21 DK-8940 Randers SV Denmark
(31) Priority Document No	:PA 2009 70133	(72) Name of Inventor : 1)Damien Rajasingam
(32) Priority Date	:29/09/2009	
(33) Name of priority country	:Denmark	
(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 :

The invention relates to a mould system for manufacturing of wind turbine blades. The mould system includes two mould halves shaped for moulding respective mould halves. A first mould is supported by a hinge system which is capable of moving the mould from a first position where the mould faces upwards to a position where the first mould faces the second mould. A final linear displacement the first mould is carried out by actuators which may be integrated with the first or the second mould. The actuators are engaged with the hinge system so that the first mould is displaceable or the hinge system holding the first mould is displaceable. In both alternatives the actuators merely transfer the load of the first mould to a support via the hinge system.

No. of Pages : 41 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2292/DEL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A NOVEL TECHNIQUE TO ESTIMATE PELLET SIZE DISTRIBUTION USING COMPACT VISION SYSTEM

(51) International classification	:B23B	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)JAGDISH LAL RAHEJA 2)GADULA ARUN RAJSEKHAR
(87) International Publication No	:NA	3)SHALINI SAXENA
(61) Patent of Addition to Application Number Filing Date	:NA	4)NAVDEEP SINGH
(62) Divisional to Application Number Filing Date	:NA	5)POKKUNURI BHANU PRASAD
		6)SANTOSH KUMAR BEHERA
		7)DEBI PRASAD DAS

(57) Abstract :

The present invention relates to a system useful for finding the pellet size distribution in real time using National Instruments (NI) LabVIEW. Iron ore pellets are used in steel production, instead of ordinary ore, to make the production more reliable and energy efficient. The pellet sizes must be checked during the pellet formation as well as in steel production when the blast furnace is loaded. Size measurement of pellet in industry is usually performed by manual sampling and sieving techniques. The manual sampling is performed infrequently and is time-consuming. Fast feedback of pellets sizes distribution is highly desired. In the present invention there is a high resolution and high frame rate fire wire camera connected to NI LabVIEW and Compact Vision System (CVS), which captures the image in real time which is then transmitted over the Ethernet to the CVS having analysis and storage capabilities. The captured image is then passed through image preprocessing for its smoothing & gray scaling. After preprocessing, size of the pellets, at the time of their formation in a pelletizer disk rotating at certain speed, is then determined in real time. After finding the size of these pellets, the size distribution is then calculated and histogram is plotted. If the majority of the pellets, so formed, are above or below the desired size, an appropriate signal is passed through a serial port to a given Data acquisition (DAS) card for further action.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2293/DEL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : REAL TIME PELLET SIZE DISTRIBUTION MEASUREMENT USING FIREWIRE CAMERA

(51) International classification

:G11B

(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)RAHEJA JAGDISH LAL
2)SINGH NAVDEEP
3)GADULA ARUN RAJSEKHAR
4)SAXENA SHALINI
5)POKKUNURI BHANU PRASAD**

(57) Abstract :

The system finds the size distribution of the pellets in real time at a plant itself. The only requirement is a National Instruments (NI) LabVIEW on an IBM-PC connected with a Firewire camera. Present methods used in the steel industry involve manual sampling and sieving. These techniques are quite time consuming and do not give immediate feedback. This holds up the next process in steel production i.e. loading the pellets into blast furnace, which requires pellets size of given range. Thus to make the production more reliable and energy efficient, the pellet sizes are continuously monitored and a fast feedback method is developed. The system involves a PC running the algorithm with a high frame rate and a high resolution camera connected to it. The image is acquired by the camera and is preprocessed for gray scaling and noise removal. The preprocessed image is fed to an algorithm that computes the sizes of the pellets at the time of formation. Thus the invention provides automatic, fast and accurate method for measurement of size of pellets in real time. After the size measurement, its distribution is analyzed and displayed. Signals are provided for control of the disk pelletizer accordingly.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/08/2011

(21) Application No.2260/DEL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN IMPROVED TAILORED WELDED BLANKS IN A VEHICLE TO IMPROVED YIELD

(51) International classification	:B27M
(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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Address of Applicant :1, NELSON MANDELA ROAD,
VASANT KUNJ, NEW DELHI-110070, INDIA

(72)Name of Inventor :

1)VIKAS SOOD

2)SANDEEP GUPTA

3)SANJAY THAKAR

(57) Abstract :

This invention relates to an improved tailored welded blanks in a vehicle to improve yield comprising of a thinner blank welded to a thicker blank provided in the front door wherein said thicker blank is tapered.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2286/DEL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : REDUCTION OF IRON ORE USING MICROWAVE ASSISTED LOW-TEMPERATURE HYDROGEN PLASMA

(51) International classification

:A46D

(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

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(72)Name of Inventor :

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4)SIDDHARTH KUMAR PRADHAN

5)PAPRTHA SARATHI MUKHERJEE

6)SAMBITA SAHOO

7)SNIGDHA PRIYADARSHINI

8)SUBIR KUMAR DAS

(57) Abstract :

The present invention relates to a process for the preparation of direct reduced iron (DRI) from iron ore by reduction using low temperature hydrogen plasma. The reduction was carried out in a microwave plasma system. Iron ore particles are fully reduced in hydrogen plasma at 500 to 1500 W, 20 to 100 Torr and 300 to 800°C using hydrogen gas at a flow rate of 100 to 500 sccm (standard cubic centimeter per minute). The product is analyzed after it was cooled to room temperature. The results clearly indicate that reduction of iron oxide in excess of 99% can be achieved by reducing the ore in hydrogen plasma.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2288/DEL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR PRODUCTION OF HIGHLY PURIFIED STEVIO GLYCOSIDES FROM THE EXTRACTS OF STEVIA REBAUDIANA

(51) International classification	:A01J	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110001, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)GOKA RUPA REDDY 2)ADARI BHASKAR RAO 3)VANKA UMAMAHESWARA SARMA 4)YERRAPRAGADA VENKATA LAKSHMI RAVIKUMAR 5)SUNDERGOPAL SRIDHAR 6)JHILLU SINGH YADAV 7)GOPAL REDDY
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The invention relates to development of a novel rapid and effective methodology in the extraction of sweet glycosides: stevioside and rebaudioside-A from Stevia rebaudiana leaves. Steviosides are usually the major components of sweet diterpene glycosides present in stevia, but it is not the one with the best organoleptic properties due to presence of related diterpenes and other impurities. Steviosides has a bitter aftertaste and for this reason, attempts have been made to improve the taste by novel extraction procedure. This study involves combined use of aqueous extraction (pressure) using autoclave followed by ultrafiltration (UF) for clarification and removing color pigments and nanofiltration (NF) membranes (using interfacial polymerized nanofiltration) for concentration of stevia extract for obtaining high quality steviosides. This improvised process confirms the isolation of high purity steviol glycosides i.e., steviosides and rebaudioside-A as a final products, with improved organoleptic properties. This process establishes simple advantageous procedure in clarification and purification of steviosides from the steviol extract, without impurities and obnoxious residues, using easy operational technology without risk to the environment.

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/11/2010

(21) Application No.2769/DEL/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : Extendable Width Cultivator with Single Spring

(51) International classification	:A01B 1/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)Rajendra Kumawat S/O. Bhanwari Lal Kumawat

Address of Applicant :Tikki Walon Ka Mohalla Purani Tonk
Dist-Tonk (Raj.) India

(72)Name of Inventor :

1)Rajendra Kumawat S/O. Bhanwari Lal Kumawat

(57) Abstract :

A tubular supporting member for varying the angle of the supporting member relative to the horizontal for controlling the depth of penetration of the two; and a tubular arm telescopically mounted on the tubular supporting member and extendible and retractable relative thereto; and a single spring based mechanism mounted within the tubular supporting member and connected to the extendible and retractable arm moving the arm relative to the supporting member; and a supporting housing mounted for pivotal movement for transverse horizontal pivot on the end of said arm; and a suspension system single spring loaded cultivating tool mounted on said supporting housing and extending downwardly there from into engagement with the surface; and a single spring based mounted on said housing and operatively connected to the suspension system single spring loaded tool for rotating the same as it moves over the surface.

No. of Pages : 24 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/08/2011

(21) Application No.2267/DEL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ANTIBACTERIAL ACTIVITY OF BABCHI OIL (PSORALEA CORYLIFOLIA) AGAINST MULTIDRUG RESISTANT BACTERIA.

(51) International classification	:A01J	(71) Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR- 125, NOIDA-201303, Uttar Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)PRAVEEN DAHIYA 2)SHARMISHTHA PURKAYASTHA 3)ASHWANI K. SRIVASTAVA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to bioactive compounds of babchi oil (Psoralea corylifolia) evaluated for phytochemical constituents, antibacterial activity and TLC bioautography assay. It showed broad antibacterial activity against both Gram-positive bacteria and Gram-negative bacteria. The highest in vitro inhibitory activity is observed for gram positive with wide inhibition zone diameters followed by gram negative bacteria. Thin layer chromatography and bioautography assay demonstrated well-defined growth inhibition zones against gram positive bacteria in correspondence with phytochemicals. This established a good support to the use of this essential oil in herbal medicine and as a base for the development of novel potent drugs and phytomedicine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2284/DEL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A COMPOSITION AND A PROCESS FOR THE PREPARATION OF POROUS CERAMIC CAPILLARY TUBES BASED ON CLAY ALUMINA MIXTURE

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)SARKAR SANDEEP
Filing Date	:NA	2)BANDYOPADHYAY SIBDAS
(87) International Publication No	:NA	3)CERNEAUX SOPHIE
(61) Patent of Addition to Application Number	:NA	4)LARBOT ANDRE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a pressure driven ceramic membrane separation process, the membrane acts as a barrier for the separation of impurities which are prepared over mechanically strong porous ceramic tube. In order to improve the efficiency of membrane separation process, use of a porous tube with low wall thickness has been suggested to achieve high membrane area per module, optimal streaming conditions of a mono-channel geometry and low permeation resistance. But reducing the wall thickness of such tube also reduces its mechanical strength and its required dimensional stability which further deteriorates with the presence of impurities in the composition of the tubes. Preparation of such porous tube with required physical properties and dimensional stability can be achieved by fabrication of capillary tube with very high purity alumina. The process is expensive since it involves the processing of high purity alumina. The critical features of the present invention is the use of cheap raw material such as clay along with alumina in preparation of low wall thickness porous capillary tube with required mechanical strength and yet maintain its dimensional stability. Clay forms the source of silica which forms mullite at relatively lower temperature and a highly crystalline structure composed of crystalline silica, mullite along with alumina is formed enhancing the strength of the capillary with required dimensional stability at a temperature lower than the sintering temperature of pure alumina. The resulting porous ceramic capillary tube based on clay- alumina mixture is having high surface area is to volume ratio with required physical characteristics.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2285/DEL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF INORGANIC-ORGANIC HYBRID SOLS AND DEPOSITION OF HARD COATINGS ON PP AND PET SUBSTRATES USING THESE SOLS

(51) International classification

:C09B

(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA

(72)Name of Inventor :

**1)DE GOUTAM
2)MEDDA SAMAR KUMAR**

(57) Abstract :

Inorganic-organic hybrid sols suitable for deposition of thermal/UV-thermal curable hard and protective coatings on PP, PET and related plastics (with primer coating for better adhesion) have been disclosed. Coatings of 1-5 µm thickness show high optical transparency and excellent abrasion, surface hardness (5-6H), and adhesion properties. Coating materials have also thermal, water and chemical resistant characteristics under atmospheric conditions.

No. of Pages : 27 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7926/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR SYNCHRONISING MEASUREMENTS

(51) International classification	:B60C 23/04
(31) Priority Document No	:0952518
(32) Priority Date	:17/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/054895
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/119066
(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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CLERMONT-FERRAND, FRANCE

2)MICHELIN RECHERCHE ET TECHNIQUE S.A.

(72)Name of Inventor :

1)DENIS MARTIN

(57) Abstract :

The invention relates to a method for synchronizing the measurements obtained, over a given period, from a number of measurement acquisition means for acquiring measurements of characteristics associated with the stresses withstood by a tyre fitted on a running vehicle. According to the invention, the measurement acquisition means are brought into operation independently of one another and at least one indexing at a given instant of the measurements from each of said means is created relative to a time-measuring reference means. Fig. 1

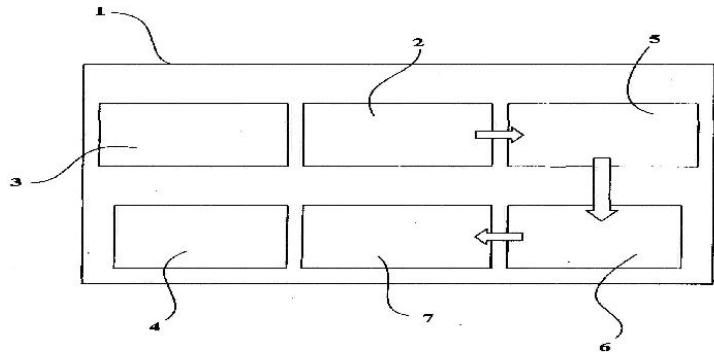


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2009

(21) Application No.356/DEL/2009 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A SIMPLE LAB/FIELD REUSABLE LYSIMETER

(51) International classification	:B07B 13/00
(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 :

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Address of Applicant :SECTOR 125, NOIDA, AMITY UNIVERSITY UTTAR PRADESH 201303. India

(72)Name of Inventor :

1)TANU JINDAL

(57) Abstract :

A simple Lab/field multipurpose use Lysimeter device with extension column & soil extractor device is described. The Lysimeter is constructed for conducting leaching studies for Xenobiotics (Pesticide, Heavy metals, PCBs etc), industry effluence, sewage waste, effect of soil amalgamation with micro organism for bioremediation, phytoremediation for soil reclamation and use of natural bedding material in waste disposal. The device is constructed to simulate the soil core of the field site. Besides leachate, soil from the column can also be recovered for the analysis after conducting the leaching studies. Pump in the leachate collector gives continuous flow and is used to remove clogs and vaccume. Reservoir releases the water or liquid sample at controlled rate. The device is cost effective and reusable.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7947/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METAL STRIP RESISTOR FOR MITIGATING EFFECTS OF THERMAL EMF

(51) International classification	:H01C 1/084
(31) Priority Document No	:61/161,636
(32) Priority Date	:19/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027785
Filing Date	:18/03/2010
(87) International Publication No	:WO 2010/107986
(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 :

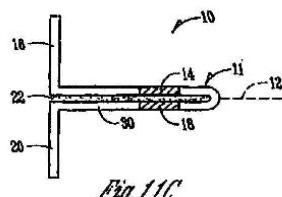
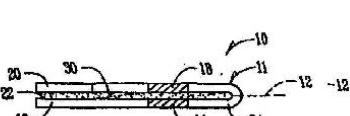
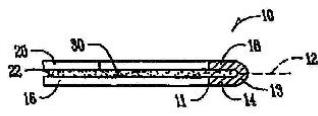
1)BRACKHAN, DOUG

2)SMITH, CLARK L.

3)VEIK, THOMAS L.

(57) Abstract :

A metal strip resistor (10) includes a resistor body (11) having a resistive element (13) formed from a strip of an electrically resistive metal material and a first termination (16) electrically connected to the resistive element to form a first junction (15) and a second termination (20) electrically connected to the resistive element to form a second junction (17), the first termination and the second termination formed from strips of electrically conductive metal material. The resistive element, the first termination, and the second termination being arranged mitigate thermally induced voltages between the first junction and the second junction.



No. of Pages : 21 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7949/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHODS OF USING FLULID LOSS ADDITIVES COMPRISING MICRO GELS

(51) International classification	:C09K 8/512
(31) Priority Document No	:12/418,323
(32) Priority Date	:03/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2010/000657
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/112866
(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)EZELL, RYAN, G

2)WU, JUN JIM

(57) Abstract :

Methods and fluids are provided that include, but are not limited to, a drilling fluid comprising an aqueous base fluid and a fluid loss control additive that comprises at least one polymeric micro gel and a method comprising: providing an aqueous based treatment fluid comprising a fluid loss control additive that comprises at least one polymeric micro gel; placing the aqueous based treatment fluid in a subterranean formation via a well bore penetrating the subterranean formation; allowing the fluid loss control additive to become incorporated into a filter cake located on a surface within the subterranean formation; allowing the filter cake to be degraded; and producing hydrocarbons from the formation. Additional methods are also provided.

No. of Pages : 32 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7972/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : IMAGE PROCESSING DEVICE AND METHOD

(51) International classification	:H04N 7/32
(31) Priority Document No	:2009-105937
(32) Priority Date	:24/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057127
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/123056
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO 1080075, JAPAN

(72)Name of Inventor :

1)KAZUSHI SATO

(57) Abstract :

The present invention relates to an image processing device and method which enable encoding efficiency in intra prediction to be improved. In the event that the optimal intra prediction mode is mode 0, adjacent pixels to be used for prediction of the current block are pixels A0, A1, A2, and A3. According to these pixels and a 6-tap FIR filter, pixels a-0.5, a+0.5, and so on with 1/2 pixel precision are generated, and further, pixels a-0.75, a-0.25, a+0.25/ and a+0.75 with 1/4 pixel precision are generated by linear interpolation. Subsequently, the optimal shift amount is determined with a value of -0.75 through +0.75 that is phase difference between an integer pixel and generated fractional pixel precision serving as a candidate of the shift amount in the horizontal direction. The present invention may be applied to an image encoding device which performs encoding using the H.264/AVC system, for example.

No. of Pages : 161 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2294/DEL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FLUORESCENT MATERIAL FOR SELF-ERASABLE WRITING, AUTHENTIC SECURITY LABELING, CURRENCY COUNTERFEIT PREVENTION AND PROCESSES FOR THE PREPARATION THEREOF

(51) International classification	:G01K	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA
(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	

(57) Abstract :

The present invention provides a novel fluorescent molecule having formula 1 which exhibit emission color change when in contact with moisture useful for the preparation of fluorescent paper, allowing self-erasable writing, security label for document authenticity, check and prevention of currency counterfeit. Compound of formula 1 when coated on paper results in blue emitting surfaces on which writing is possible using water as ink. The images undergo self-erasal after 6 hours making the paper reusable or instantly with hot air. The images are visible only on illumination with a UV lamp having wavelength 365 nm. The material can be coated on any document to create security label which changes color on touching with a wet surface or water pen and will go back to the native color when the moisture is dried off after a time frame. This strategy is used to create a security label for currency bills for checking original and fake currency notes or any other documents for authenticity. The technique is also useful for temporary writing on recyclable papers.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2010

(21) Application No.2904/DEL/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR PREPARING MONTELUKAST SODIUM THROUGH NOVEL AMINE SALT

(51) International classification	:C07C
(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)IND-SWIFT LABORATORIES LIMITED

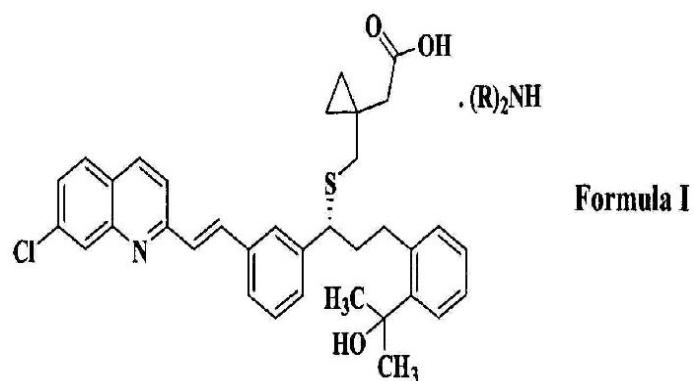
Address of Applicant :S.C.O. NO. 850, SHIVALIK
ENCLAVE, NAC MANIMAJRA, CHANDIGARH-160 101
INDIA

(72)Name of Inventor :

**1)BHIRUD SHEKHAR BHASKAR
2)SARIN GURDEEP SINGH
3)MANI TRIPATHI RATNAKAR**

(57) Abstract :

The present invention provides a process for the preparation of montelukast sodium through novel montelukast amine salt of formula I, wherein (R)₂NH is selected from 1-(l-naphthyl)ethylamine, S-methyl-L-cysteine, diallylamine or isomers thereof.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7931/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ELECTROLYTE AND SECONDARY BATTERY

(51) International classification	:H01M 10/0569
(31) Priority Document No	:2009-105335
(32) Priority Date	:23/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056423
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/122909
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO 1080075, JAPAN

(72)Name of Inventor :

1)YUI SENDA

2)KENTA YAMAMOTO

3)YURI NAKAYAMA

4)REINA ITO

(57) Abstract :

A secondary battery capable of safely improving a battery performance is provided. An electrolyte with which a separator 13 is impregnated contains an alkyl sulfone and a low-polar solvent (a solvent having a relative permittivity of 20 or less) together with an aluminum salt. The alkyl sulfone facilitates the redox reaction of aluminum, and further reduces the reactivity of the electrolyte. Additionally, the low-polar solvent suppresses the block of the redox reaction of aluminum. In charge and discharge, it becomes easy to electrochemically efficiently precipitate and dissolve aluminum, and further to inhibit the corrosion of a metallic exterior package member or the like.

No. of Pages : 25 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7964/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ENERGY GUIDING CHAIN

(51) International classification	:H02G 3/04
(31) Priority Document No	:20 2009 005 650.3
(32) Priority Date	:17/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/054981
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/119104
(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)IGUS GMBH

Address of Applicant :SPICHER STR. 1A, 51147 KOLN,
GERMANY

(72)Name of Inventor :

1)THILO-ALEXANDER JAEKER

2)ANDREAS HERMEY

3)STEFAN STRACK

4)MICHAEL OFFNER

(57) Abstract :

An energy guide chain for guiding cables, hoses and the like between two connection points movable relative to each other, comprising a number of hingedly interconnected tubular chain links (1) which each have a bottom wall (2), oppositely disposed side walls (3, 4) laterally adjoining same and a top wall (5), wherein the top wall (5) is removably connected to the side walls (3, 4), the side walls (3, 4) each have a respective hinge pin (6) and a hinge opening (7) for hingedly connecting adjacent chain links (1), the pivotal angle in both pivotal directions is limited by abutments (8) and the top walls (5), side walls (3, 4) and bottom walls (2) of adjacent chain links (1) are in telescopically overlapping relationship over the entire pivotal angle, characterised in that the surface of the top walls (5), bottom walls (2) and at least the transitionaf zones (11) of those walls and the side walls (3, 4) are convexly curved in the peripheral direction of the tubular chain links (1).

No. of Pages : 26 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7956/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : OPTICAL WAVEGUIDE AND DISPLAY DEVICE'

(51) International classification	:G02B 27/01
(31) Priority Document No	:0906266.2
(32) Priority Date	:14/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000734
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/119240
(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)BAE SYSTEMS PLC

Address of Applicant :6 CARLTON GARDENS, LONDON SW1Y 5AD, UNITED KINGDOM

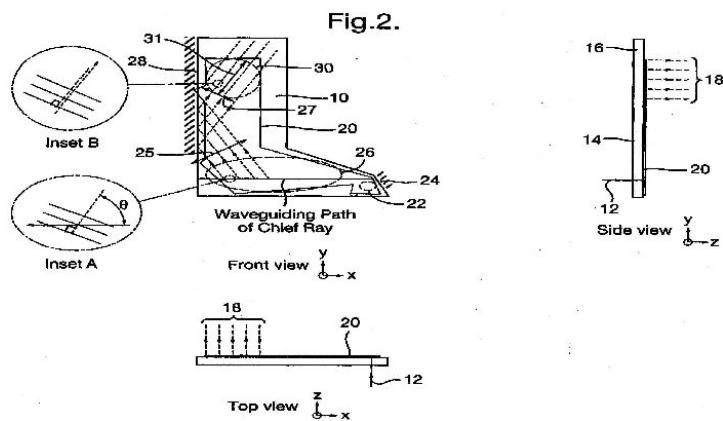
(72)Name of Inventor :

1)MOHMED SALIM VALERA

2)MICHAEL DAVID SIMMONDS

(57) Abstract :

In a slab waveguide which expands an image-bearing pupil into a visible image, reflective edge surfaces are used to redirect once-diffracted light back through the same grating structure. The number of separate grating structures thereby can be reduced to two or even one, compared to three in the prior art. (Figure 2)



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7980/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COMBINED WASTE GAS TREATMENT OF WASTE GAS STREAMS CONTAINING AMMONIA AND NITROGEN OXIDES IN INDUSTRIAL PLANTS

(51) International classification	:B01D 53/58
(31) Priority Document No	:10 2009 013 691.6
(32) Priority Date	:20/03/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/001576
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/105778
(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)UHDE GMBH

Address of Applicant :FRIEDRICH-UHDE-STR. 15, 44141 DORTMUND, GERMANY

(72)Name of Inventor :

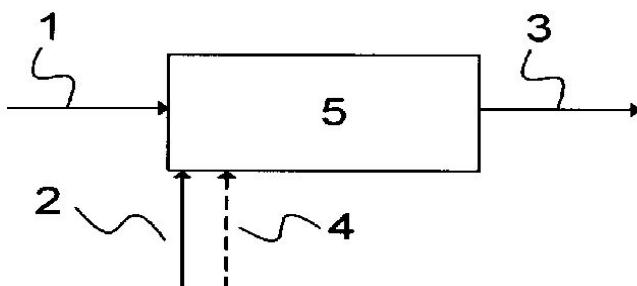
1)IVO MULLER

2)JOACHIM JOHANNING

(57) Abstract :

Process for the combined removal of both ammonia in one or more ammonia-containing waste gas flows and nitrogen oxides in one or more additional nitrogen oxide-containing waste gas flows in a combined ammonia/urea synthesis plant according to the selective non-catalytic reduction in a temperature range from 850°C to 1100°, by which nitrogen oxide reduction rates of up to 80% are achieved, or according to the selective catalytic reduction in a temperature range from 150°C to 550°C, by which nitrogen oxide reduction rates of up to 99% are achieved, in which the ammonia and the nitrogen oxides react with one another to give nitrogen and water, the ammonia-containing waste gas flow to be treated from a low-pressure absorber and/or an atmospheric absorber of the urea synthesis plant unit being mixed with the nitrogen oxide-containing waste gas flow to be treated of a flue gas duct of a primary reformer of the ammonia synthesis plant unit of the combined ammonia/urea synthesis plant and being submitted to a selective non-catalytic reduction or a selective catalytic reduction depending on the temperature of the mixture and depending on the nitrogen oxide reduction rate to be reached, both the ammonia and the nitrogen oxides of the mixed waste gas flows being depleted simultaneously during the same process step. Figure to be published with the application: Fig. 1

Fig. 1



No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7986/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CONCATAMERS FOR IMMUNEMODULATION

(51) International classification	:C12N 15/117
(31) Priority Document No	:09075220.5
(32) Priority Date	:30/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/055903
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/125182
(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)MOLOGEN AG

Address of Applicant :FABECKSTRAE 30, 14195 BERLIN,
GERMANY

(72)Name of Inventor :

1)SCHROFF, MATTHIAS

2)WITTING, BURGHARDT

3)SCHMIDT, MANUEL

4)KLEUSS, CHRISTIANE

(57) Abstract :

The invention relates to a polymeric, non-coding nucleic acid molecule for modulation of the activity of the human and animal immune system as well as a method for the manufacture thereof and a vaccine, comprising the polymeric, non-coding nucleic acid molecule, wherein polymeric, non-coding nucleic acid molecules may be understood as non-coding nucleic acid molecules, comprising at least four covalently bound molecules (tetramer) or are assemblies of more non-coding nucleic acid molecules (high molecular polymers) which are covalently bound to each other.

No. of Pages : 36 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7987/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ISOLATION AND PURIFICATION OF COMPONENTS OF WHEY

(51) International classification	:C07H 19/00
(31) Priority Document No	:0904562.6
(32) Priority Date	:17/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000479
Filing Date	:17/03/2010
(87) International Publication No	:WO 2010/106320
(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)SEPARATION TECHNOLOGIES INVESTMENTS LIMITED

Address of Applicant :MILL RACE, COMPTON ABDALE, CHELTENHAM GL54 4DR (GB) U.K.

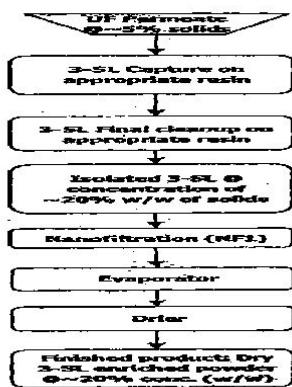
(72)Name of Inventor :

**1)SCOTT, STEPHEN, NIALL
2)KRISHNAPILLAI, ASHOK**

(57) Abstract :

A process for the isolation and/or purification of a desired component, particularly 3'sialyl lactose, from whey, particularly cheese whey, comprising the steps of: optionally subjecting the whey to ultrafiltration to provide a protein concentrate and a whey permeate; contacting the whey or whey permeate with at least one series of ion exchange resins, said series comprising a first weak acid cation resin, a first weak base anion resin, a second strong acid cation resin, a second weak base anion resin to demineralise the whey permeate; contacting this demineralised permeate with two final ion exchange resins comprising a strong acid cation resin and a final weak base anion resin, wherein the desired component, such as 3' sialyl lactose, is taken up on the final anion resin; and eluting the desired component from the final anion resin.

FIG. 1



No. of Pages : 31 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7973/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DEEP TISSUE TEMPERATURE PROBE CONSTRUCTIONS

(51) International classification	:A61B 5/00
(31) Priority Document No	:61/212,704
(32) Priority Date	:15/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001108
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/120362
(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)ARIZANT HEALTHCARE INC.

Address of Applicant :10393 WEST 70TH STREET, EDEN PRAIRIE, MN 55344, U.S.A.

(72)Name of Inventor :

1)ALBERT P. VAN DUREN

(57) Abstract :

A disposable, zero-heat-flux, deep tissue temperature probe (500) is constructed using a support assembly with multiple sections (502, 504,506) folded together or separated into strata during assembly of the probe. The sections support elements of the probe, including thermal sensors and a thermal resistor (517) between the thermal sensors. Optionally, one of the sections supports a heater (514).

No. of Pages : 23 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7974/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ANTIBODIES SPECIFIC TO CADHERIN-17

(51) International classification	:C07K 16/28
(31) Priority Document No	:61/170,980
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031719
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/123874
(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)OXFORD BIOTHERAPEUTICS LTD.

Address of Applicant :94A MILTON PARK, ABINGDON, OXON OX14 4RY, UNITED KINGDOM

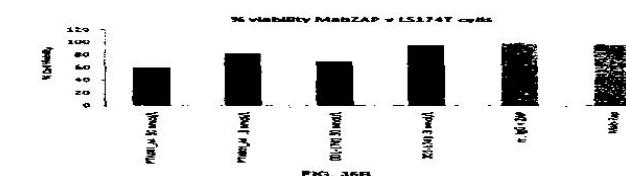
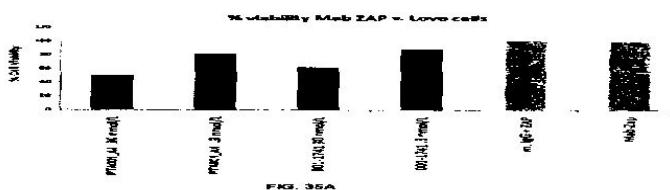
(72)Name of Inventor :

1)ROHLFF, CHRISTIAN

2)TERRETT, JONATHAN, ALEXANDER

(57) Abstract :

The present disclosure provides antibodies, including isolated monoclonal antibodies, which specifically bind to Cadherin-17 with high affinity. Nucleic acid molecules encoding Cadherin-17 antibodies, expression vectors, host cells and methods for expressing the Cadherin-17 antibodies are also provided. Bispecific molecules and pharmaceutical compositions comprising the Cadherin-17 antibodies are also provided. Methods for detecting Cadherin-17, as well as methods for treating various cancers, including colorectal cancer, are disclosed.



No. of Pages : 161 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7975/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MICRO-ALGA BELONGING TO GENUS NAVICULA, PROCESS FOR PRODUCTION OF OIL BY CULTURE OF THE MICRO-ALGA, AND OIL COLLECTED FROM THE MICRO-ALGA

(51) International classification	:C12N 1/12
(31) Priority Document No	:2009-096362
(32) Priority Date	:10/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/001704
Filing Date	:10/03/2010
(87) International Publication No	:WO 2010/116611
(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)ELECTRIC POWER DEVELOPMENT CO., LTD.

Address of Applicant :15-1, GINZA 6-CHOME, CHUO-KU, TOKYO 104-8165 JAPAN

(72)**Name of Inventor :**

1)MATSUMOTO, MITSUFUMI

(57) Abstract :

Disclosed are: a microalga highly capable of producing aliphatic hydrocarbons of 16 to 26 carbon atoms; a process for producing oil, which comprises a step of culturing the microalga; oil collected from the microalga; a fuel produced from the microalga; and a method for fixing carbon dioxide, which comprises a step of culturing the microalga. Specifically disclosed is a microalga belonging to the genus Navicula, which is capable of producing aliphatic hydrocarbons of 16 to 26 carbon atoms. More specifically disclosed is a microalga, Navicula oiliticus strain JPCC DA0580 (FERM BP-11201).

No. of Pages : 49 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7978/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : UN-TETHERED AUTONOMOUS FLYING WIND POWER PLANT AND ITS GROUND-STATION

(51) International classification	:F03D 5/00
(31) Priority Document No	:P09 00155 (HU)
(32) Priority Date	:16/03/2009
(33) Name of priority country	:Hungary
(86) International Application No	:PCT/HU2010/000028
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/106382
(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)DOBOS, GABOR

Address of Applicant :MAJUS 1. UT 2. BATONYTERENYE
- 3078 HU Hungary

(72)Name of Inventor :

1)DOBOS, GABOR

(57) Abstract :

The present invention relates to a wind power plant, which is an un-tethered autonomous flying device. This device, according to need, temporarily stores the energy harnessed from the wind, and later on forwards it to a receiver ground-station for further arbitrary usage. Like sailing birds, the invention applies the wind-gradients and updrafts for energy-production by means of dynamic soaring, - instead of static wind. The energy is temporarily stored in the form of liquid air. The liquid-air containers are made of flexible, double-walled plastic foil, and can be forwarded to the ground station by means of remote controlled or GPS-Guided Parafoils. The containers are discharged and folded on the ground, preparing them for the next use. A large number of such devices can be stored on a flying unit. This way a lot of energy can be produced by every takeoff, since the flying unit does not need to take the energy-storing medium (air) with itself, and the payload is only slightly limited. The invention gets around the limitations of conventional windpower plants, as well as that of the high altitude types of devices, and allows as of yet unattainable possibilities in windpower utilisation.

No. of Pages : 31 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7997/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HYDROCONVERSION MULTI-METALLIC CATALYST AND METHOD FOR MAKING THEREOF

(51) International classification	:B01J 31/26
(31) Priority Document No	:12/432,719
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030329
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/126690
(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.

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(72)Name of Inventor :

1)KUPERMAN, ALEXANDER E.

2)MAESEN, THEODORUS

3)DYKSTRA, DENNIS

(57) Abstract :

A catalyst and a process for making a catalyst from a precursor composition containing rework materials are disclosed. The catalyst is made by sulfiding a catalyst precursor containing 5-95 wt. % rework material. The catalyst precursor employing rework materials can be a hydroxide or oxide material. Rework can be materials generated in the forming or shaping of the catalyst precursor, or formed upon the breakage or handling of the shaped catalyst precursor. Rework can also be in the form of catalyst precursor feed material to the shaping process, e.g., extrusion process, or catalyst precursor material generated as reject or scrap in the shaping process. In some embodiment, rework may be of the consistency of shapeable dough. In another embodiment, rework is in the form of small pieces or particles, e.g., fines, powder.

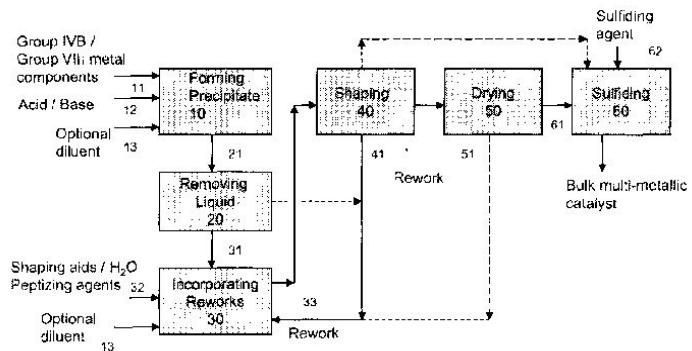


FIGURE 1

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7929/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ROTARY BLASTHOLE DRILLING RIG FLEXIBLE JAW PIPE POSITIONER

(51) International classification	:E21B 19/16
(31) Priority Document No	:12/429,587
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032215
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/124194
(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)BUCYRUS MINING EQUIPMENT, INC.

Address of Applicant :1100 MILWAUKEE AVE., SOUTH
MILWAUKEE, WISCONSIN 53172-0500, U.S.A.

(72)Name of Inventor :

1)BRUCE CRAWFORD

2)STEVEN M. PRECOPA

(57) Abstract :

A pipe positioner having an arm including a lower jaw and an upper jaw mounted thereon is provided. The pipe positioner includes at least one of the lower jaw and the upper jaw with a shear pin disposed in location to provide protection of the pipe positioner from mechanical overload. A method for retrofit of a pipe positioner and a blasthole drilling rig are disclosed.

No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7958/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FLUID FOR DEEP OFFSHORE DRILLING

(51) International classification	:C09K 8/34
(31) Priority Document No	:FR 09/01830
(32) Priority Date	:15/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2010/051625
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/119413
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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PUTEAUX, FRANCE

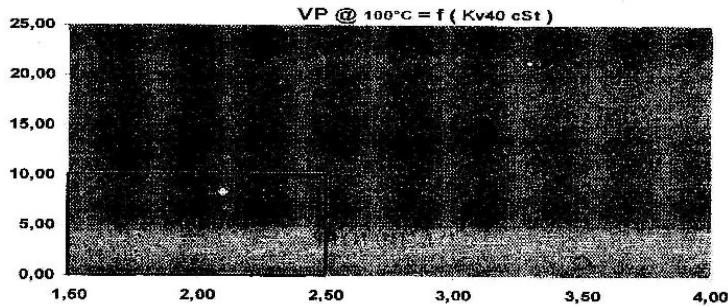
(72)Name of Inventor :

1)LAMRANI-KERN, SAMIA

(57) Abstract :

Drilling fluid having a viscosity at 40°C less than or equal to 2.5 mm²/s and a vapour pressure at 100°C less than or equal to 10 mbars (1 KPa) obtained from a hydrocarbon cut having a distillation temperature comprised between 200 and 280°C with a naphthenic hydrocarbons content of less than 40% by weight of the said cut. Figure: 1

FIGURE 1/1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7960/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR DETACHABLE GLUING FOR POROUS MATERIALS

(51) International classification	:CO9J 5/02
(31) Priority Document No	:0951692
(32) Priority Date	:17/03/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/052839
Filing Date	:05/03/2010
(87) International Publication No	:WO 2010/105924
(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)ASTRIUM SAS

Address of Applicant :6 RUE LAURENT PICHAT, 75016
PARIS, FRANCE

(72)Name of Inventor :

1)JOSE ALCORTA

2)EVELYNE CHATAIGNIER

3)GUY LARNAC

4)MAXIME OLIVE

(57) Abstract :

1 - Method for detachable gluing of at least one porous substrate with another material by means of at least one layer of detachable adhesive that contains an ungluing additive able to generate gases that disrupt an adhesive bond by gaseous expansion or by gaseous migration to at least one of the interfaces of the layer of detachable adhesive under the action of heat for controlled detachment, characterized in that a metallic seal lining is applied to the said at least one substrate prior to the gluing.

No. of Pages : 14 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7961/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BROMINATION OF LOW MOLECULAR WEIGHT AROMATIC POLYMER COMPOSITIONS

(51) International classification :C08F 8/22
(31) Priority Document No :61/174,902
(32) Priority Date :01/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US10/032937
 Filing Date :29/04/2010
(87) International Publication No :WO 2010/127091
(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)ALBEMARLE CORPORATION
Address of Applicant :451 FLORIDA STREET, BATON ROUGE, LA 70801-1765, U.S.A.
(72)**Name of Inventor :**
1)WILLIAM J. LAYMAN, JR.,
2)ZHONGXIN GE
3)ARTHUR G. MACK
4)CHI HUNG CHENG
5)NEAL J. COLONIUS
6)SARAH C. JONES
7)STEVEN A. ANDERSON

(57) Abstract :

Described is process technology for producing brominated aromatic polymer compositions from low molecular weight aromatic polymer compositions. The specified conditions used in the process enable the formation of products having superior color and thermal stability properties.

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7963/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : WIND TURBINE BLADE AND EMTHOD OF CONSTRUCTING SAME

(51) International classification	:F03D 1/00
(31) Priority Document No	:61/168.672
(32) Priority Date	:13/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000558
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/118517
(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)MAXIFLOW MANUFACTURING INC.

Address of Applicant :5475 SPRING GARDEN ROAD, 7TH FLOOR HALIFAX, NOVA SCOTIA B3J 3T2, CANADA

(72)**Name of Inventor :**

1)KAILASH VASUDEVA

2)SANJEEV BEDI

(57) Abstract :

A wind turbine blade including a number of segments attached together end-to-end in a predetermined arrangement so that the respective covering subassemblies of the segments cooperate to form a substantially smooth surface of the wind turbine blade. Each segment includes a number of fiber tubes extending along preselected lengths of the segment respectively, the fiber tubes being laterally spaced apart from each other respectively to define gaps therebetween. The segment also includes a covering subassembly at least partially supported by the fiber tubes and at least partially defining an internal cavity.

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7989/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD OF GENERATING A PROXY CERTIFICATE

(51) International classification

:H04L 9/32

(31) Priority Document No

:PI20091055

(32) Priority Date

:16/03/2009

(33) Name of priority country

:Malaysia

(86) International Application No

:PCT/MY2010/000028

Filing Date

:04/03/2010

(87) International Publication No

:WO 2010/107298

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MIMOS BERHAD

Address of Applicant :TECHNOLOGY PARK MALAYSIA,
57000 KUALA LUMPUR (MY) Malaysia

(72)Name of Inventor :

1)SEA, CHONG SEAK

2)NG, KANG SIONG

3)TAN, FUI BEE

4)HARON, GALOH RASHIDAH

(57) Abstract :

This invention method for generating proxy certificate on web portal is a means of secure and reliable access to a web portal. This system will prevent identity fraud over the web and is a secure means of accessing personal information online.

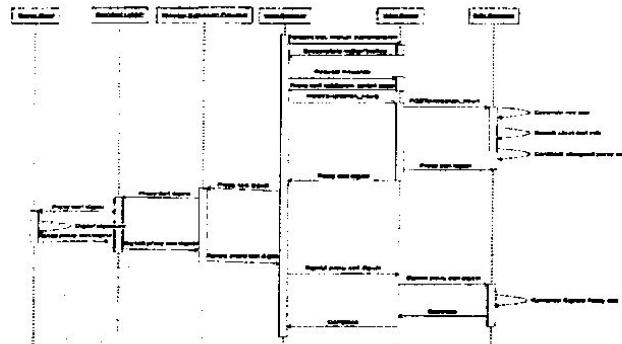


Figure 3

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7991/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SKIP MACROBLOCK CODING

(51) International classification	:G06T 9/00
(31) Priority Document No	:60/341,674
(32) Priority Date	:17/12/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2002/040208
Filing Date	:16/12/2002
(87) International Publication No	:WO 03/053066
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:
Filed on	:01/01/1900

(71)Name of Applicant :

1)MICROSOFT CORPORATION

Address of Applicant :ONE MICROSOFT WAY,
REDMOND, WASHINGTON 98052-6399 U.S.A.

(72)Name of Inventor :

1)SRINIVASAN, SRIDHAR

2)HSU, POHSIANG

(57) Abstract :

A computer-implemented method (1000, 1100, 1800) of processing one or more video images having plural units, wherein binary symbols indicate whether the plural units are skipped or not. According to the method, a coding mode is selected (1010, 1110) from a group of plural available coding modes. The binary symbols are then processed (1020, 1120) at a level higher than macroblock level in bitstream syntax the binary symbols according to the selected coding mode, wherein a unit of the plural units is skipped if the unit uses predicted motion based upon motion of one or more other predicted units (1830) and if the unit lacks residual information (1850).

No. of Pages : 55 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7965/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : 5-HT4 RECEPTOR AGONIST COMPOUNDS FOR TREATMENT OF COGNITIVE DISORDERS

(51) International classification	:A61K 31/445
(31) Priority Document No	:61/168,741
(32) Priority Date	:13/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030760
Filing Date	:12/04/2010
(87) International Publication No	:WO 2010/120695
(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)THERAVANCE INC.

Address of Applicant :901 GATEWAY BOULEVARD,
SOUTH SAN FRANCISCO, CALIFORNIA 94080, U.S.A.

(72)**Name of Inventor :**

1)DAVID BEATTIE

2)FEI SHEN

3)JACQUELINE A. M. SMITH

4)ROBERT MURRAY MCKINNELL

5)RAY CHANG

(57) Abstract :

The invention relates to the use of specific 5-HT4 receptor agonist compounds for the treatment of cognitive disorders, in particular, to the use of these compounds in combination with other agents, specifically acetylcholinesterase inhibitors, for the treatment of Alzheimer's disease and other cognitive disorders.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.8/DELNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : THREE-LAYER STEEL CORD THAT IS RUBBERIZED IN SITU AND HAS A 3+M+N STRUCTURE

(51) International classification	:D07B 1/06
(31) Priority Document No	:0954600
(32) Priority Date	:03/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/059489
Filing Date	:02/07/2010
(87) International Publication No	:WO 2010000951
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SOCIETE DE TECHNOLOGIE MICHELIN
Address of Applicant :23 RUE BRESCHET F-63000
CLERMONT-FERRAND, FRANCE

2)MICHELIN RECHERCHE ET TECHNIQUE S.A

(72)Name of Inventor :

1)JEREMY TOUSSAIN
2)THIBAUD POTTIER

(57) Abstract :

Metal cord with three layers (C1+C2+C3) of 3+M+N construction, rubberized in situ, comprising a first layer or central layer (C1) consisting of three wires of diameter d1 assembled in a helix at a pitch p1, around which central layer there are wound in a helix at a pitch p2, in a second layer (C2), M wires of diameter d2, around which second layer there are wound in a helix at a pitch p3, in a third layer (C3), N wires of diameter d3, the said cord being characterized in that it has the following characteristics (d1, d2, d3, p1, p2 and p3 being expressed in mm): - 0.08 <d1< 0.50; - 0.08 <d2< 0.50; - 0.08 <d3< 0.50; - 3<p1<p2<p3

No. of Pages : 37 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.8000/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HYDROCONVERSION MULTI-METALLIC CATALYST AND METHOD FOR MAKING THEREOF

(51) International classification	:B01J 23/888
(31) Priority Document No	:12/432,730
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032989
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/127130
(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 U.S.A.

(72)Name of Inventor :

1)MAESEN, THEODORUS

2)KUPERMAN, ALEXANDER E.

3)DYKSTRA, DENNIS

(57) Abstract :

The invention relates to a bulk multi-metallic catalyst for hydrotreating heavy oil feeds and to a method for preparing the catalyst. The bulk multi-metallic catalyst is prepared by sulfiding a catalyst precursor having a poorly crystalline structure with disordered stacking layers, with a type IV adsorption-desorption isotherms of nitrogen with a hysteresis starting point value of about 0.35, for a sulfided catalyst that will facilitate the reactant's and product's diffusion in catalytic applications. In another embodiment, the precursor is characterized as having a type H3 hysteresis loop. In a third embodiment, the hysteresis loop is characterized as having a well developed plateau above P/Po of about 0.55. The mesapores of the precursor can be adjustable or tunable.

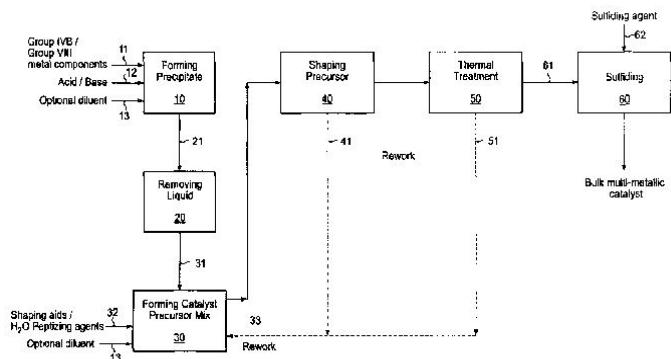


FIG. 1

No. of Pages : 29 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8028/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LIPID BILAYER SENSOR ARRAY'

(51) International classification	:G01N 33/487
(31) Priority Document No	:61/170,729
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2010/000789
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/122293
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

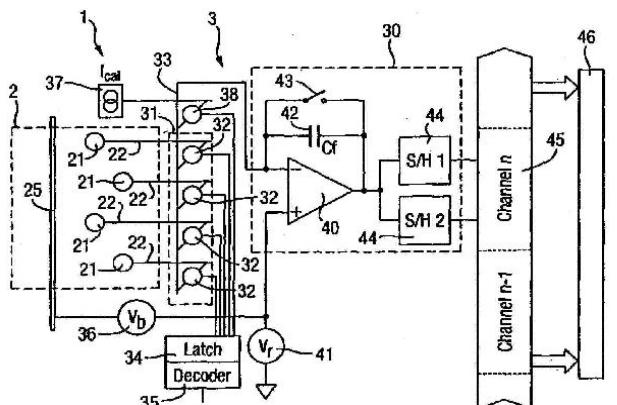
1)OXFORD NANOPORE TECHNOLOGIES LIMITED
Address of Applicant :EDMUND CARTWRIGHT HOUSE, 4 ROBERT ROBINSON AVENUE, OXFORD SCIENCE PARK, OXFORD. OX4 4GA, UNITED KINGDOM

(72)Name of Inventor :

1)CANAS, ANTONIO
2)WELLS, SIMON, ADRIAN

(57) Abstract :

An apparatus for sensing of an interaction of a molecular entity with a membrane protein in a lipid bilayer comprises an array of sensor elements (21) arranged to output an electrical signal that is dependant on occurrences of the interaction. A detection circuit (3) comprised detection channels (30) capable of amplifying an electrical signal from a sensor element. More sensor elements (21) are provided than detection channels (30), and detection channels (30) are selectively connected to sensor elements (21) that have acceptable quality of performance in that a lipid bilayer is formed and that an acceptable number of membrane proteins are inserted, on the basis of the amplified electrical signals that are output from the detection channels. This improves the efficiency of utilisation of the detection channels, due to inefficiency in the utilisation of the sensor elements, resulting in a reduction in the cost of the apparatus and the ability to perform sensing using relatively small samples.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.8001/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ENHANCED BLOCK ACKNOWLEDGEMENT

(51) International classification	:H04L 1/16
(31) Priority Document No	:60/616,335
(32) Priority Date	:05/10/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US05/035771
Filing Date	:04/10/2005
(87) International Publication No	:WO 2006/041891
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2884/DELNP/2007
Filed on	:18/04/2007

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714, U.S.A.

(72)Name of Inventor :

1)SANJIV NANDA

(57) Abstract :

A method comprising: receiving frames for transmission to a remote device; associating a frame sequence identifier with each frame; and generating a plurality of transmit sequence indicators, each transmit sequence indicator associated with one of a plurality of blocks, each block comprising one or more of the frames for transmission to the remote device. FIG.4

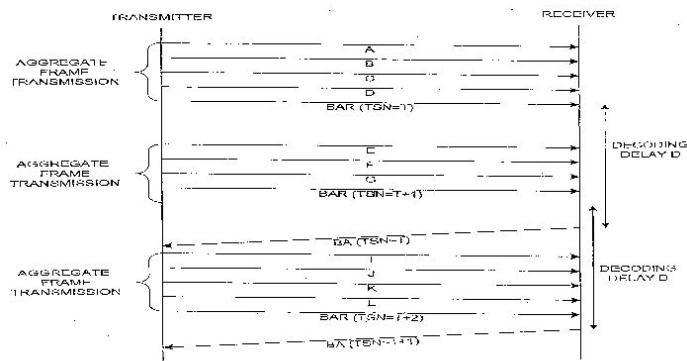


FIG. 4

No. of Pages : 46 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.8005/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD OF DETERMINING AN OPHTHALMIC LENS

(51) International classification	:G02C 7/02
(31) Priority Document No	:PCT/FR2009/000458
(32) Priority Date	:17/04/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/IB2010/051705
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/119435
(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)ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE)

Address of Applicant :147, RUE DE PARIS, F-94220 CHARENTON-LE-PONT, FRANCE

(72)Name of Inventor :

- 1)CHAUVEAU, JEAN-PIERRE
- 2)DUBOIS, FREDERIC
- 3)GUILLOUX, CYRIL
- 4)JONCOUR, CHRISTIAN
- 5)TESSIERES, MELANIE
- 6)DE ROSSI, HELENE

(57) Abstract :

The invention relates to a method of determining an ophthalmic lens for a wearer's eye, the method comprising the following steps: measurement, on the wearer in binocular vision, of the three-dimensional coordinates of the centre of rotation (COR) of the wearer's eye; measurement (10) of at least one viewing direction in a natural posture; determination of the desired position of the ophthalmic lens; calculation of the characteristics of the ophthalmic lens using the measured coordinates and the determined position and the measured direction in the natural posture. Measuring the position of the centre of rotation of the eye in binocular vision ensures that the lens obtained is best adapted for the wearer. Figure: 1

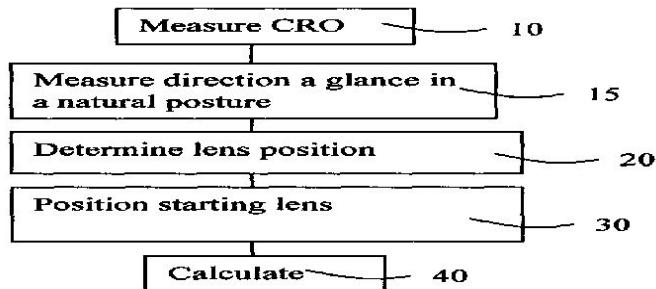


Fig. 1

No. of Pages : 48 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.8007/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SATIETY-INDUCING COMPOSITION

(51) International classification	:A61K 31/20	(71) Name of Applicant :
(31) Priority Document No	:09157263.6	1)DSM IP ASSETS B.V.
(32) Priority Date	:03/04/2009	Address of Applicant :HET OVERLOON 1, NL - 6411 TE HEERLEN, THE NETHERLANDS
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/051574	1)SEIN, ARJEN
Filing Date	:09/02/2010	2)KOENDERS, DAMIET JOSEPHINA PETRONELLA CUNERA
(87) International Publication No	:WO 2010/112256	3)VIBERG, ANNIKA
(61) Patent of Addition to Application Number	:NA	4)SMOLDERS, GERARDUS JOHANNES FRANCISCUS
Filing Date	:NA	5)VAN DEN BURG, ANTHONIUS CORNELIS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the field of weight management. The invention particularly relates to a method for inducing satiety. In one of its embodiments, the present invention provides a method for inducing satiety in a human or an animal comprising administering to said human or animal an effective amount of a composition comprising a lipid of which at least part is in a crystal form in the small intestine.

No. of Pages : 47 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8039/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ANTIPARASITIC AGENT FOR FISH AND METHOD OF CONTROLLING PROLIFERATION OF FISH PARASITIES

(51) International classification	:A61K 45/06	(71) Name of Applicant :
(31) Priority Document No	:2009-107390	1)NIPPON SUISAN KAISHA LTD.
(32) Priority Date	:27/04/2009	Address of Applicant :6-2, OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100-8686, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/057330	1)KAWANO FUMI
Filing Date	:26/04/2010	2)HIRAZAWA NORITAKA
(87) International Publication No	:WO 2010/125991	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of controlling proliferation of fish parasites comprising the administration of 1 to 50 mg/kg fish body weight/day of an inhibitor of folate synthesis and/or an inhibitor of folate activation to fish continuously for 1 to 2 weeks. Using a combination preparation composed of an inhibitor of folate synthesis and an inhibitor of folate activation is preferable, and a sulfonamide is preferable for the inhibitor of folate synthesis. A dihydrofolate reductase inhibitor, a folate antagonist, etc., can be used as the inhibitor of folate activation. The antiparasitic agent is able to exterminate fish parasites via oral administration. It is particularly effective against parasites belonging to the ciliate group among fish parasites.

No. of Pages : 63 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8040/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : STABLE HIGH PROTEIN CONCENTRATION FORMULATIONS OF HUMAN ANTI-TNF-ALPHA-ANTIBODIES

(51) International classification	:A61K 39/395	(71) Name of Applicant :
(31) Priority Document No	:61/175,380	1)ABBOTT BIOTECHNOLOGY LTD.
(32) Priority Date	:04/05/2009	Address of Applicant :CLARENDON HOUSE, 2 CHURCH STREET, HAMILTON, HM 11 (BM). U.K.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/033387	1)FRAUNHOFER WOLFGANG
Filing Date	:03/05/2010	2)KRAUSE HANS-JUERGEN
(87) International Publication No	:WO 2010/129469	3)NEU MICHAEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a liquid pharmaceutical formulation which does not include NaCl and comprises more than 20 mg of a polyol and at least about 100 mg/mL of a human anti-TNF- alpha antibody, or antigen-binding portion thereof. The invention provides a high concentration antibody formulation having long-term stability and advantageous characteristics for subcutaneous administration.

No. of Pages : 120 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8041/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SURFACE-MODIFIED INORGANIC MATRIX AND METHOD FOR PREPARATION THEREOF

(51) International classification	:B01D 71/02
(31) Priority Document No	:09155686.0
(32) Priority Date	:20/03/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/053616
Filing Date	:19/03/2010
(87) International Publication No	:WO 2010/106167
(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)UNIVERSITEIT ANTWERPEN

(72)Name of Inventor :

1)BUEKENHOUDT, ANITA

2)WYNS, KENNY

3)MEYNEN, VERA

4)MAES, BERT

5)COOL, PEGIE

(57) Abstract :

The present invention relates to a method for the modification of metal hydroxide and/or metal oxide surfaces of an inorganic matrix with an organometallic reagent for obtaining an organic functionalized matrix suitable for filtration processes. The method involves the direct covalent binding of organic functional groups by allowing a pre-treated matrix to react with organometallic reagents in the present of a suitable solvent. The present invention further relates to an organic functionalized matrix obtainable or obtained by carrying out a method according to the invention. The invention also provides various uses of a surface-modified matrices as described herein in various industrial applications, including for instance in filtration and/or adsorption and/or separation processes, or as support, e.g. for catalyst systems or for enzyme systems.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8018/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BIOFUEL CONSISTING OF A MIXTURE OF NATURALLY OCCURRING FATTY ACID ESTERS AND METHOD FOR PRODUCING SAID BIOFUEL

(51) International classification	:C10L 1/02	(71) Name of Applicant :
(31) Priority Document No	:0952698	1)ARKEMA FRANCE
(32) Priority Date	:24/04/2009	Address of Applicant :420, RUE D'ESTIENNE D'ORVES, F-92700 COLOMBES, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/050759	1)JEAN-LUC DUBOIS
Filing Date	:20/04/2010	
(87) International Publication No	:WO 2010/122265	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A biodiesel fuel comprising a mixture of fatty acid esters, said mixture containing at least 1% of a naturally occurring non-fossil compound of formula ROOC-(CH₂)_n-CH₂-R₁ in-which R is either CH₃ or C₂H₅, n is 7 or 9, and R₁ is either C₂H₅ or CH=CH₂.

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8043/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BIOLOGICAL SPECIMEN COLLECTION/TRANSPORT COMPOSITIONS AND METHODS

(51) International classification	:C12Q 1/68
(31) Priority Document No	:12/426,890
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031761
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/123908
(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)LONGHORN VACCINES & DIAGNOSTICS, LLC

Address of Applicant :1747 CITADEL PLAZA, SUITE 206,
SAN ANTONIO, TEXAS 78209, U.S.A.

(72)Name of Inventor :

1)FISCHER, GERALD W.

2)DAUM, LUKE T.

(57) Abstract :

Disclosed are compositions for collecting, storing, and transporting populations of nucleic acids from biological specimens, and clinical, forensic, or environmental samples. Also disclosed are methods for using these compositions as one-step formulations for killing pathogens, inactivating nucleases, and releasing polynucleotides from other cellular components within the sample, and stabilizing the nucleic acids prior to further processing or assay. In particular embodiments, the invention provides a single, one-step, sample collection/transport/storage formulation containing a known quantity of a non-genomic, nucleic acid carrier molecule that serves as an internal reference control to monitor the fidelity of the collection/transportation medium, and measure the integrity of nucleic acids subsequently isolated and purified from the processed sample.

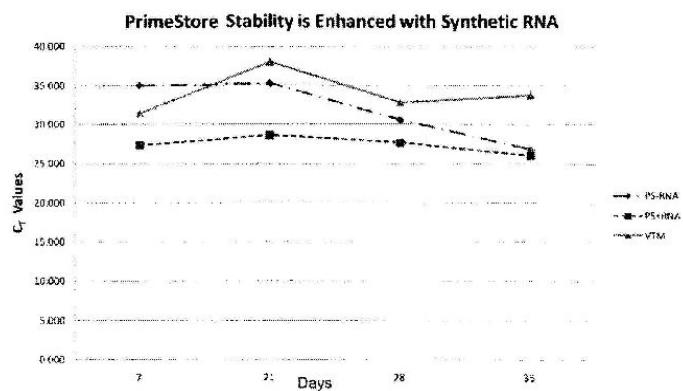


FIG. 18

No. of Pages : 132 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8045/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : VASCULAR STENTING FOR ANEURYSMS

(51) International classification	:A61F 2/06
(31) Priority Document No	:12/425,617
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031092
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/120926
(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)TYCO HEALTHCARE GROUP LP

Address of Applicant :15 HAMPSHIRE STREET,
MANSFIELD, MA 02048, U.S.A.

(72)Name of Inventor :

1)BEREZ, AARON LEE

2)TRAN, QUANG, QUOC

(57) Abstract :

Described herein are flexible implantable occluding devices that can, for example, navigate the tortuous vessels of the neurovasculature. The occluding devices can also conform to the shape of the tortuous vessels of the vasculature. In some embodiments, the occluding devices can direct blood flow within a vessel away from an aneurysm or limit blood flow to the aneurysm. Some embodiments describe methods and apparatuses for adjusting, along a length of the device, the porosity of the occluding device. In some embodiments, the occluding devices allow adequate blood flow to be provided to adjacent structures such that those structures, whether they are branch vessels or oxygen- demanding tissues, are not deprived of the necessary blood flow. A plurality of stents, for example at least partially overlapping, can be used. Some embodiments describe various methods for confirming the occlusion of an aneurysm or for dislodging material from a vessel wall.

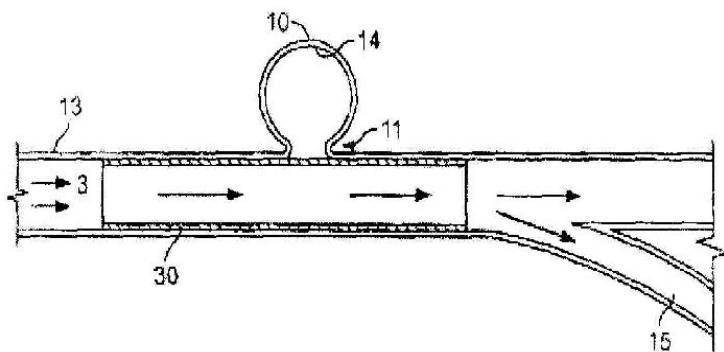


FIG. 8

No. of Pages : 187 No. of Claims : 237

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8046/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD OF TREATING A BOREHOLE AND DRILLING FLUID

(51) International classification	:C09K 8/035
(31) Priority Document No	:09003908.2
(32) Priority Date	:18/03/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/053482
Filing Date	:17/03/2010
(87) International Publication No	:WO 2010/106115
(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)MONTANUNIVERSIT,,T LEOBEN

Address of Applicant :FRANZ-JOSEF-STR. 18, A-8700
LEOBEN, AUSTRIA

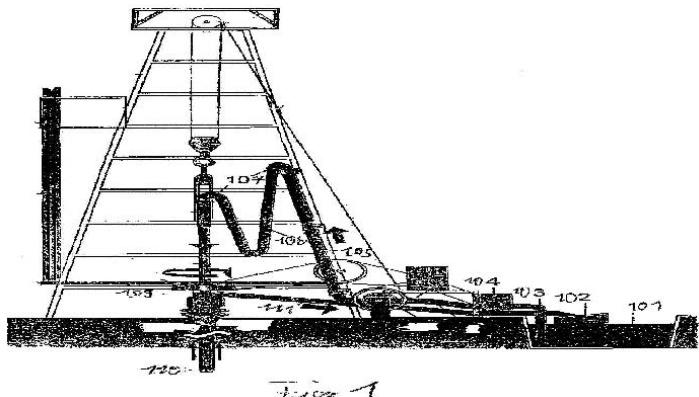
(72)Name of Inventor :

1)KALB, ROLAND

2)HOFST,,TTER, HERBERT

(57) Abstract :

A method of treating a borehole is provided, wherein the method comprises introducing a drilling fluid into a borehole, wherein the drilling fluid comprises an ionic liquid. In particular, the ionic liquid may comprise a single ionic liquid, i.e. only one kind of anion and one kind of cation, or may comprise a mixture of different ionic liquids, e.g. may comprise several different anions and/or several different cations.



No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8050/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COMPOUNDS, COMPOSITIONS AND METHODS COMPRISING PYRIDAZINE SULFONAMIDE DERIVATIVES

(51) International classification	:A01N 43/58	(71) Name of Applicant :
(31) Priority Document No	:61/171,048	1)INSTITUTE FOR ONE WORLD HEALTH
(32) Priority Date	:20/04/2009	Address of Applicant :280 UTAH AVENUE, SUITE 250
(33) Name of priority country	:U.S.A.	SAN FRANCISCO, CALIFORNIA 94080, U.S.A.
(86) International Application No	:PCT/US2010/031608	(72) Name of Inventor :
Filing Date	:19/04/2010	1)PENROSE, STEPHEN DAVID
(87) International Publication No	:WO 2010/123822	2)DOYLE, KEVIN JAMES
(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 compositions and methods for treating a disease in an animal, which disease is responsive to inhibiting of functional cystic fibrosis transmembrane conductance regulator (CFTR) polypeptide by administering to a mammal in need thereof an effective amount of a compound defined herein (including those compounds set forth in Tables 1-3 or encompassed by formula I-III) or compositions thereof, thereby treating the disease. The present invention particularly, relates to a method of treating diarrhea and polycystic kidney disease.

No. of Pages : 103 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7992/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ONLINE CONTENT SERVICE WITH CATALOG-BASED INTERACTION

(51) International classification	:G06Q 50/00
(31) Priority Document No	:12/425,738
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031103
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/120936
(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)MICROSOFT CORPORATION

Address of Applicant :ONE MICROSOFT WAY,
REDMOND, WASHINGTON 98052-6399 U.S.A.

(72)Name of Inventor :

1)PLANTY, CHRISTOPHE

2)BIANCARDINI, SYLVAIN

3)GUYARD, ERIC

(57) Abstract :

An online content system is provided, including a plurality of user accounts maintained at a network-accessible online service, where associated with each user account are a plurality of content items. A catalog service is operable to provide offline metadata for the plurality of user accounts, whereby, for the plurality of content items in each of the plurality of user accounts, (a) a catalog engine of the catalog service is operable to generate a hierarchical tree descriptor for the plurality of content items, and (b) a service interface of the catalog service is operable to cause network transmission of the hierarchical tree descriptor to a remote device associated with the user account, such network transmission being independent of content item downloads to the remote device.

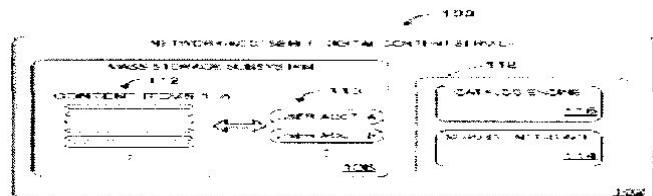


FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8023/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MODULAR REACTOR AND SYSTEM

(51) International classification	:B01J 19/00
(31) Priority Document No	:09305420.3
(32) Priority Date	:11/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/US2010/034336
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/132412
(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)CORNING INCORPORATED

Address of Applicant :1 RIVERFRONT PLAZA, CORNING, NEW YORK 14831, U.S.A.

(72)Name of Inventor :

1)SYLVAIN MAXIME F GREMETZ

2)AURELIE GUICHARD

3)ROLAND GUIDAT

4)OLIVIER LOBET

5)STEPHANE POISSY

6)PIERRE WOEHL

(57) Abstract :

In one aspect the invention relates to reactors and a reactor system that include multiple microstructures each having a first edge and a second edge and an entrance side and including an entrance port and one or more other ports through the entrance side with all of the ports through the entrance side arranged in a standard pattern and closer to the first edge than the second edge. Desirably, the entrance port and an exit port are concentric.

No. of Pages : 25 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8026/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METAL SALTS OF OXIDIZED LOW MOLECULAR BYPRODUCT POLYETHYLENE AS LUBRICANTS FOR PVC

(51) International classification	:C10M 107/04	(71) Name of Applicant :
(31) Priority Document No	:61/174,285	1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:30/04/2009	Address of Applicant :101 COLUMBIA ROAD, MORRISTOWN, NEW JERSEY 07962, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/032361	1)MANFRED K. SEVEN
Filing Date	:26/04/2010	2)MANFRIED M. BRAUN
(87) International Publication No	:WO 2010/126813	3)VINCENT M. CLARKE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Polymeric salts, lubricant compositions comprising the polymeric salts and processes for producing such polymeric salts. More specifically, low viscosity lubricants for the working surface of an extrusion die during the processing of plastics that require lubricants to render them processable, such as polyvinyl chloride, chlorinated polyvinyl chloride, polyvinylidene chloride and copolymers thereof. A metal base is reacted with acid functional groups formed during oxidation of a wax, thereby forming a polymeric salt, neutralizing the wax and saponifying saponifiable functional groups.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8054/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR ONTOLOGY NAVIGATION AND VISUALIZATION

(51) International classification	:G06Q 50/00
(31) Priority Document No	:PI 20091247
(32) Priority Date	:27/03/2009
(33) Name of priority country	:Malaysia
(86) International Application No	:PCT/MY2010/000032
Filing Date	:22/03/2010
(87) International Publication No	:WO 2010/110644
(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)MIMOS BERHAD

Address of Applicant :TECHNOLOGY PARK MALAYSIA,
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(72)Name of Inventor :

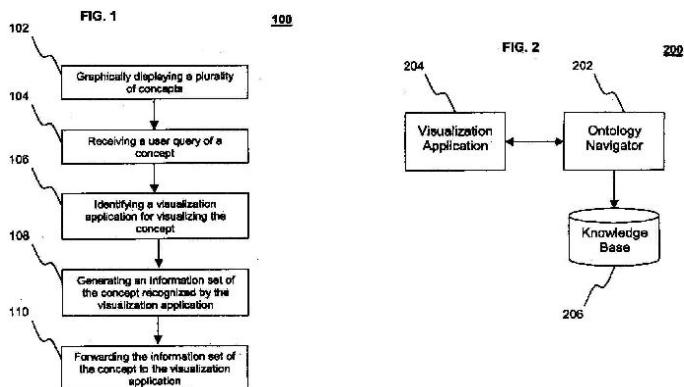
1)KOW, WENG ONN

2)MOHAMMAD, REZA BEIK, ZADEH

3)DICKSON, LUKOSE

(57) Abstract :

A method (100) and system (200) for ontology navigation and visualization, the system (200) comprises an ontology navigator (202). The ontology navigator (202) comprises means for graphically displaying a plurality of concepts (102) of at least one ontology knowledge base (206), receiving a user query of at least one concept from the plurality of concepts (104), identifying a visualization application (204) for visualizing the at least one concept (106), generating an information set (108) of the at least one concept recognized by the visualization application (204), and forwarding the information set (110) of the at least one concept to the visualization application (204).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8091/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PRENYLATED BISPHOSPHONATES AS ANTI-TUBERCULOSIS AGENTS

(51) International classification	:A61K 31/404
(31) Priority Document No	:61/162,145
(32) Priority Date	:20/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028187
Filing Date	:22/03/2010
(87) International Publication No	:WO 2010/108190
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

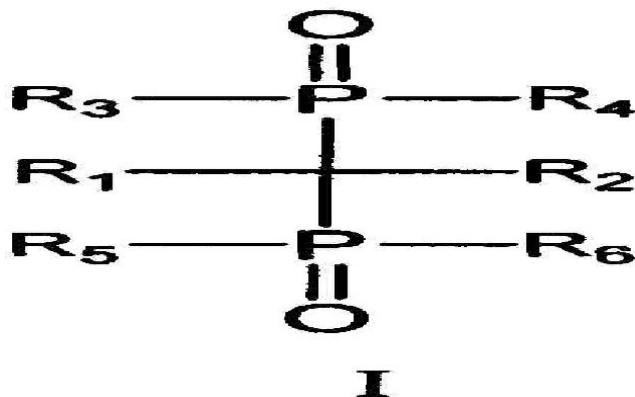
1)UNIVERSITY OF IOWA RESEARCH FOUNDATION
Address of Applicant :LOWA CENTERS FOR ENTERPRISE, 2660 UNIVERSITY CAPITOL CENTRE, LOWA CITY, LOWA 52242-5500, U.S.A.

(72)Name of Inventor :

1)WIEMER , DAVID, F.
2)BARNEY, ROCKY, J.
3)HOHL, RAYMOND, J.

(57) Abstract :

The invention provides methods to treat a mycobacterium infection and methods to inhibit mycobacterial polypropenyl pyrophosphate synthesis with a compound of formula I. The invention also provides novel compounds of formula I as well as salts and prodrugs thereof.



No. of Pages : 37 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8092/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : RAZOR BLADE COATING

(51) International classification	:B26B 21/58
(31) Priority Document No	:61/178,515
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034675
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/132645
(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 :WORLD SHAVING
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ONE GILLETTE PARK, BOSTON, MASSACHUSETTS 02127,
U.S.A.

(72)Name of Inventor :

1)SKROBIS, KENNETH, JAMES

(57) Abstract :

A razor blade that includes a substrate with a cutting edge, the substrate includes (a) a thin-film of a first material disposed thereon, the thin-film having a thickness less than 1 μm ; (b) a mixed nitride-thin-film interregion disposed at or adjacent a surface of the thin-film and a surface of the substrate; and (c) a nitride region disposed adjacent the mixed nitride-thin-film interregion.

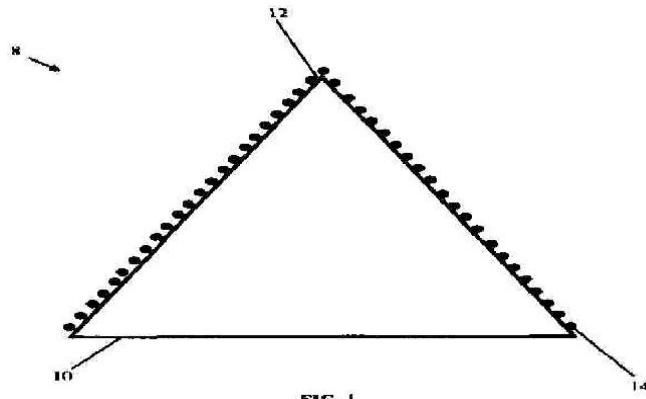


FIG. 1

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8094/DELNP/2011 A

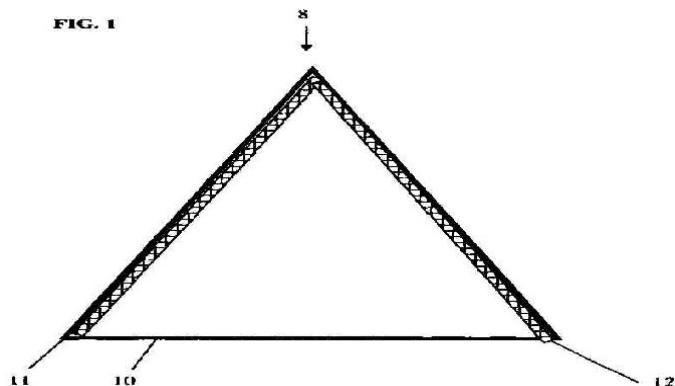
(43) Publication Date : 15/02/2013

(54) Title of the invention : A STRENGTHENED RAZOR BLADE

(51) International classification	:C23C 8/38	(71) Name of Applicant :
(31) Priority Document No	:12/471,551	1)THE GILLETTE COMPANY
(32) Priority Date	:26/05/2009	Address of Applicant :WORLD SHAVING HEADQUARTERS, IP/LEGAL PATENT DEPARTMENT - 3E, ONE GILLETTE PARK, BOSTON, MA 02127, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/035532	1)MARCHEV, KRASSIMIR, GRIGOROV
Filing Date	:20/05/2010	2)MADEIRA, JOHN
(87) International Publication No	:WO 2010/138369	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A razor blade including a substrate with a cutting edge, the substrate includes a mixed nitride-substrate interregion disposed at or beneath a surface of the substrate, the mixed nitride-substrate interregion being substantially free of a compound layer.



No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8111/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DEVICE FOR STRETCHING FILM SECTIONS IN A MONOAXIAL OR BIAXIAL MANNER

(51) International classification	:B29C 55/10
(31) Priority Document No	:102009003751.9
(32) Priority Date	:06/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/053205
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/115677
(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. COLLIN GMBH,

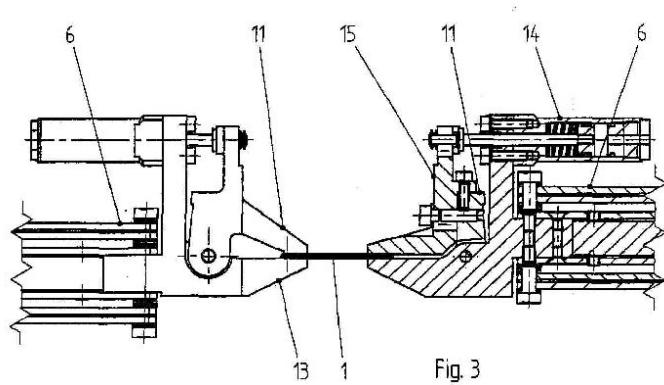
Address of Applicant :OF SPORTPARKSTRASSE 2, 85560
EBERSBERG, GERMANY

(72)Name of Inventor :

1)COLLIN, HEINRICH

(57) Abstract :

The invention relates to a device for stretching film sections in a monoaxial or biaxial manner, preferably by way of a tenter frame, for films made substantially of polymers, wherein a square or rectangular section of such film is seized at 4 sides by at least two tenter hooks each, designed as regards improved stretching such that the upper tenter hook part (11) is mounted in an articulated fashion on a rotational axis located outside the film to be stretched, and specifically such that the lower, fixed tenter hook part (13) carries the joint, while the upper tenter hook part (11) is designed so as to pivot upwards and at least one cylinder (14) is disposed rotated by 90° for applying the tensioning power and thus applies the tensioning power to the upper pivotable tenter hook part (11). (FR)L'invention concerne un dispositif d'etirage monoaxial ou biaxial de sections de feuilles, de preference au moyen d'un cadre d'etirage, pour des feuilles sensiblement constituees de polymeres. Une decoupe carree ou rectangulaire d'une telle feuille est saisie sur quatre cotes, chaque cote etant saisi par au moins deux pinces. Pour ameliorer l'etirage, le dispositif est configure de telle sorte que la partie de pince superieure (11) est montee articulee sur un axe de rotation situe a l'exterieur de la feuille a etirer, et de sorte que la partie de pince inferieure (13) fixe supporte l'articulation, tandis que la partie de pince superieure (11) est concue pivotante vers le haut, au moins un cylindre (14) etant tourne a 90 degres pour l'application de la force de serrage et appliquant la force de serrage sur la partie de pince (11) superieure pivotante.



No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8113/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PRIVACY OF LOCATION INFORMATION

(51) International classification	:H04L 29/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/054176
Filing Date	:08/04/2009
(87) International Publication No	:WO 2010/115457
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOKIA SIEMENS NETWORKS OY

Address of Applicant :KARAPORTTI 3, FI-02610 ESPOO,
GERMANY

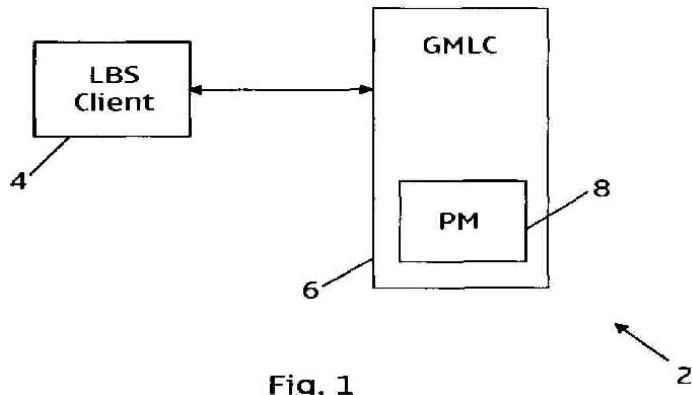
(72)Name of Inventor :

1)NIEMENMAA, JARKO TAPIO HENRIK

2)RUUTU, VILLE MATTI HARRI

(57) Abstract :

An arrangement for providing privacy settings for determining whether location information for a subscriber can be provided to a requesting party is described. The privacy settings are at least partially based on presence information for the subscriber. A gateway mobile location centre (GMLC) selectively provides the location information regarding subscribers on request, in accordance with the privacy settings.



No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8115/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR DRYING RICE

(51) International classification	:A23B 9/08
(31) Priority Document No	:657/09
(32) Priority Date	:24/04/2009
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/EP2010/055539
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/122166
(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)BUHLER AG

Address of Applicant :GUPFENSTRASSE 5, CH-9240 UZWIL, SWITZERLAND

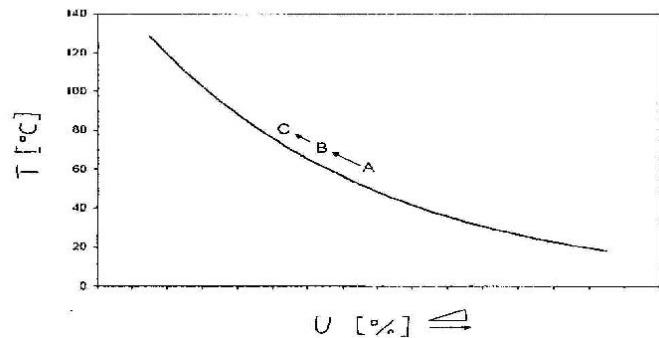
(72)Name of Inventor :

1)ZAMPROGNA, ELIANA

(57) Abstract :

The invention relates to a method for drying rice, in which, during the drying process, the grains of rice pass through surface states which have various pairs of values of temperature (T) of the surface and moisture (U) of the surface, the surface of the grains of rice remaining in a viscoelastic state during the drying process, and in which, in a diagram comprising temperature (T) of the surface of the grains of rice and moisture (U) of the surface, a) the temperature (Tv) of the surface of the grains of rice lies no more than 40°C above the temperature (Tg) on the glass transition curve of the rice at the point of the same moisture of the surface and/or b) the moisture (Uv) of the surface of the grains of rice lies no more than 20% above the moisture on the glass transition curve of the rice at the point of the same temperature of the surface.

Figure 1:



No. of Pages : 24 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8030/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ANTIEPILEPTIC, HYPOCHOLESTEROLEMIC AND NEUROPROTECTIVE COMPOUND

(51) International classification

:C07D 309/30

(31) Priority Document No

:EP 09382051.2

(32) Priority Date

:16/04/2009

(33) Name of priority country

:EPO

(86) International Application No

:PCT/ES2010/070234

Filing Date

:16/04/2010

(87) International Publication No

:WO 2010/119161

(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)ADRIÓ FONDEVILA, JOSE LUIS**
- 3)RAMOS MARTÍN, MARÍA DEL CARMEN**
- 4)SIERRA AVILA, SALETA**
- 5)ALFARO SÁNCHEZ, JUAN MARÍA**
- 6)RAMÍREZ MORENO, CARLOS**
- 7)CAMPOY GARCIA, SONIA**
- 8)VELASCO ALVAREZ, JAVIER**
- 9)RUMBERO SÁNCHEZ, ANGEL**

(57) Abstract :

The present invention describes a compound of formula (I) its hydroxy acid form, the pharmaceutically acceptable salts of said hydroxy acid and pharmaceutically acceptable prodrugs and solvates of the compound and of its hydroxy acid form and, in particular, said compound, its hydroxy acid form, salts, etc. for its use in the prevention of: neurodegenerative diseases, cognitive deterioration, diseases associated with undesired oxidation, age-associated pathological processes and progeria, epilepsy, epileptic seizures and convulsions, cardiovascular diseases such as atherosclerosis, atrial fibrillation, dyslipidemia, hypercholesterolemia, hyperlipidemia, and hypertriglyceridemia, or fungal or viral infections.

No. of Pages : 148 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8126/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR A BANKNOTE DETECTOR DEVICE, AND A BANKNOTE DETECTOR DEVICE

(51) International classification	:G07D 7/16
(31) Priority Document No	:09158890.5
(32) Priority Date	:28/04/2010
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/055142
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/124963
(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)LEIF J.I. LUNDBLAD

2)LENNART VEDIN

3)CLAES BJORKMAN

(57) Abstract :

Method in a banknote detector device for an automatic teller machine, to be used to differentiate non-accepted banknotes from accepted banknotes, the device comprises a banknote image sensor to receive and scan at least one face of an input banknote and to store a banknote image (BI) of each scanned face in a storage in dependence of said scanning, said banknote image comprises image data in the form of a number of pixels; and a reference banknote image (RBI) storage where one reference banknote image (RBI), being processed from a predetermined number of banknote images from accepted street-quality banknotes, is stored for each face of each relevant banknote, the banknote detector device further comprises an IR image sensor that is arranged to scan an input banknote and to store an IR-image of said banknote in said storage such that the IR-image being linked to the corresponding banknote image, wherein said method comprises:

No. of Pages : 32 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8128/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : URINATION CONTROL DEVICE

(51) International classification	:A61F 5/37
(31) Priority Document No	:2009-102363
(32) Priority Date	:20/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056915
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/122976
(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)CHEIRON JAPAN CO.

Address of Applicant :202, 25-1, FUNABASHI 3-CHOME,
SETAGAYA-KU, TOKYO 1560055, JAPAN

(72)Name of Inventor :

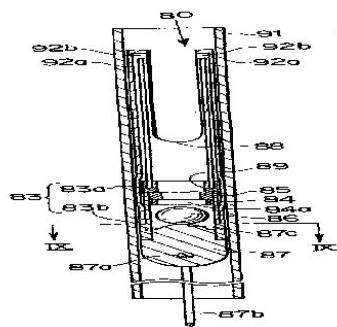
1)YUGARI, MASAZUMI

2)TAKAGI, HIDENORI

(57) Abstract :

There is provided a urination control device capable of autonomous urination by adjusting the intravesical pressure with the abdominal pressure in starting the urination to prevent urinary incontinence, variously designing the intravesical pressure in opening and closing and gaining the stability and accuracy of the operation while ensuring the control of urination by secure closing and opening operation, and preventing infection and contamination by employing a simple structure and safe constituent materials and being applied to both men and women while improving QOL of the patients. The urination control device of the invention comprises a conduit to be inserted into the urethra, an upstream restraint member located upstream of the conduit and having a through hole, a control member located on the downstream side from the upstream restraint member in the conduit, and a downstream restraint member located on the downstream side from the control member in the conduit, wherein the upper restraint member and control member attract each other with magnetic force, the control member is brought in contact with the opening portion of the through hole in the upstream restraint member at least in the state exerting no fluid pressure on the upstream side so as to block passage of fluid through the upstream restraint member and admit the passage of fluid through the downstream restraint member in the state engaged with the control member.

Fig. 7



No. of Pages : 62 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8130/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DELIVERY SYSTEMS

(51) International classification	:A61K 47/36
(31) Priority Document No	:0907019.4
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050673
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/122357
(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)OXFORD PHARMASCIENCE LTD

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(72)**Name of Inventor :**

1)BRAVO CORDERO, MARCELO, LEONARDO

2)JONES, HUW, LYN

3)KANJI, NAZIM, MOHAMED

(57) Abstract :

The present invention provides a delivery system for active and functional ingredients. In particular, the delivery systems of the present invention find particular application in the delivery of active and functional ingredients, such as medicaments, pharmaceuticals, nutritional supplements, botanicals, cosmeceuticals etc. Further, the invention relates to a delivery system for oral or topical administration of such active and functional ingredients. The invention is a delivery system based on a particulate gel precursor that acts both as the bodying agent, as well as the dispersing and suspending agent in the formulation. By modifying the level of precursor and process conditions, a broad range of product consistencies can be achieved ranging from thin liquid suspension to firm or semi solid gel. The precursor gel is a particulate linear chain fructan gel. Inulin is a preferred fructan.

No. of Pages : 45 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8083/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR FILLING A FUEL SYSTEM FOR MOTOR VEHICLES

(51) International classification	:F02M 37/00
(31) Priority Document No	:10 2009 003 051.4
(32) Priority Date	:13/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/053676
Filing Date	:22/03/2010
(87) International Publication No	:WO 2010/130491
(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)ROBERT BOSCH GMBH

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(72)Name of Inventor :

1)LANGENBACH, CHRISTIAN

2)GRIEB, JENS

(57) Abstract :

The present subject matter describes a method for filling a fuel system (10) for motor vehicles. The fuel system (10) has a pre-delivery pump (26), a high-pressure pump (32), a metering device (34) disposed fluidically between the pre-delivery pump (26) and the high-pressure pump (32), a filter (28) disposed upstream of the high-pressure pump (32), and a zero delivery throttle (36). The zero delivery throttle (36) connects an outlet of the metering device (34) to a region located upstream of the pre-delivery pump (26). The method includes introducing fuel into the region located upstream of the pre-delivery pump (26) and closing the metering device (34) during a filling operation.

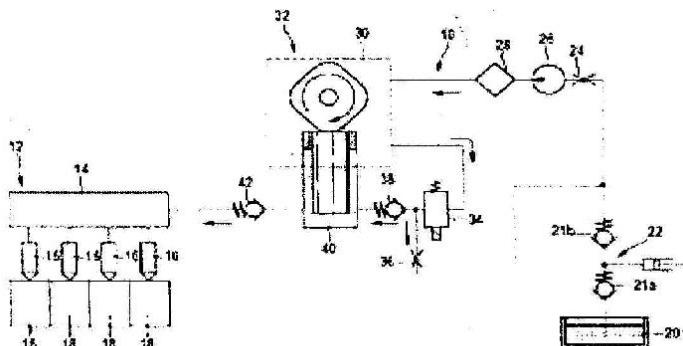


Figure 1

No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8085/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD OF TREATING DISORDERS ASSOCIATED WITH PROTEIN KINASE CK2 ACTIVITY

(51) International classification	:A61K 31/4375
(31) Priority Document No	:61/170,468
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031520
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/121225
(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 :

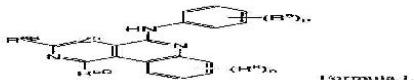
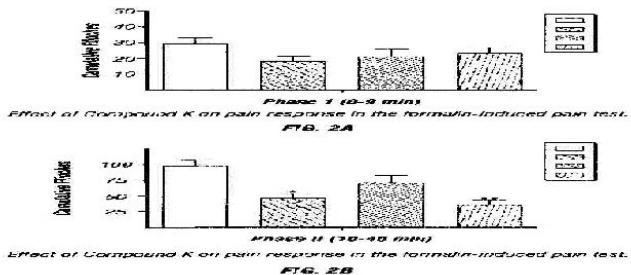
1)HADDACH, MUSTAPHA

2)O'BRIEN, SEAN

3)ANDERES, KENNA

(57) Abstract :

The invention provides methods for the treatment or amelioration of disorders associated with undesired activity of protein kinase CK2, using compounds of Formula (I) that are potent, selective inhibitors of CK2, and pharmaceutical compositions of such compounds, wherein Z5, R6B, R6D, R8, n, R9 and p are defined as further described herein,



No. of Pages : 88 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8087/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR PRODUCTING HIGH AMOUNT OF GLYCOLIC ACID BY FERMENTATION

(51) International classification	:C12N 1/00
(31) Priority Document No	:09155971.6
(32) Priority Date	:24/03/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/053758
Filing Date	:23/03/2010
(87) International Publication No	:WO 2010/108909
(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)DISCHERT, WANDA

2)SOUCAILLE, PHILIPPE

(57) Abstract :

The present invention relates to an improved method for the bioconversion of a fermentable carbon source to glycolic acid by a recombinant microorganism bearing new genetic modifications such as Δ /dhA, Δ mgsA, Δ arcA, and Δ lldP, AglcA, Δ yjcG and combination of them allowing a production with higher yield, titer and productivity.

No. of Pages : 45 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8088/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR TREATING A GAS STREAM OR EFFLUENT

(51) International classification	:B01D 53/40
(31) Priority Document No	:12/475,102
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033663
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/138281
(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)PALLA, NAGARAJU

2)DAVIS, LAMAR A.

3)HOLBROOK, DAVID L.

(57) Abstract :

One exemplary embodiment can be a process for treating a tall gas stream from a sulfur recovery zone. Generally, the process includes passing the tail gas stream through, in sequence, a hydrogenation zone, a quench zone, and an acid gas removal zone using a solvent. The solvent can include at least one of a dimethyl ether of polyethylene glycol, a N-methyl pyrrolidone, a N-formyl morpholine, a N-acetyl morpholine, a tetrahydro-1,4-oxazine, and a mixture comprising diisopropanolamine and tetrahydrothiophene-1,1-dioxide.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8124/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR INHIBITING CRYSTAL GROWTH RATE OF AMIDE COMPOUND AND METHOD FOR PRODUCING MOLDED ARTICLE OF POLYOLEFIN-BASED RESIN

(51) International classification	:C08L 23/00
(31) Priority Document No	:2009-116550
(32) Priority Date	:13/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058098
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/131705
(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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JAPAN

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1)REIRA IKOMA

2)SHOHEI IWASAKI

3)YOHEI UCHIYAMA

(57) Abstract :

A method for inhibiting the crystal growth rate of an amide compound present in a molten polyolefin-based resin and a method for producing a polyolefin-based resin molded article are provided. A phenol compound is incorporated into an amide compound-containing polyolefin-based resin such that a weight ratio, amide compound : phenol compound, is 60:40 to 10:90.

No. of Pages : 62 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8155/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PRODUCTION OF RECOMBINANT PROTEINS IN CILIATES AND USES THEREOF

(51) International classification	:A61K 39/002
(31) Priority Document No	:61/162,059
(32) Priority Date	:20/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028165
Filing Date	:22/03/2010
(87) International Publication No	:WO 2010/108182
(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)THEODORE G. CLARK

2)ASHOT PAPOYAN

3)AARON TURKEWITZ

(57) Abstract :

This invention is directed to methods for recombinant polypeptide production and, in particular, methods and products for the production and purification of recombinant proteins in ciliates

No. of Pages : 135 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8158/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SURFACE RELIEF GRATING IN AN OPTICAL WAVEGUIDE HAVING A REFLECTING SURFACE AND DIELECTRIC LAYER CONFORMING TO THE SURFACE

(51) International classification	:G02B 6/34
(31) Priority Document No	:09275025.6
(32) Priority Date	:20/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/GB2010/050640
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/122330
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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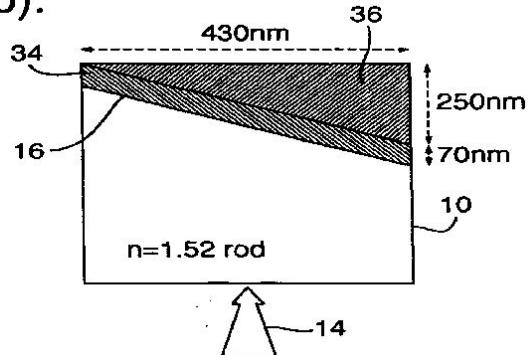
1)MICHAEL DAVID SIMMONDS

2)MOHAMED SALIM VALERA

(57) Abstract :

The invention relates to a display device for displaying an image over a field of view. The device comprises: an optical arrangement for directing image bearing light from an image source so that the light has rays at a range of angles relative to an injection axis; and an optical waveguide having an input grating for diffracting into the waveguide said light over said range of angles such that all of the diffracted light is totally internally reflected within the waveguide and so that image bearing light output from the waveguide has a field of view corresponding to said range of angles, wherein the input grating is a surface relief grating having a profiled reflective surface and at least one layer of dielectric material conforming to the surface for diffracting light over said range of angles into the waveguide. (Figure 4(b))

Fig.4(b).



No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8141/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SPOT WELDER ELECTRODE PART

(51) International classification	:B23K 11/31
(31) Priority Document No	:2009-122621
(32) Priority Date	:21/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/060355
Filing Date	:05/06/2009
(87) International Publication No	:WO 2010/134213
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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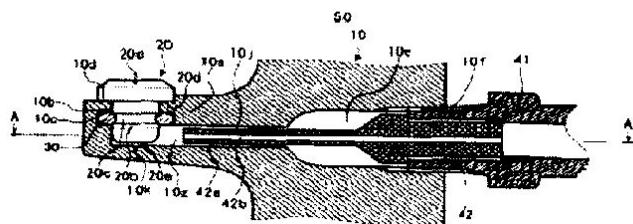
2)NA

3)FUKIZAWA, TAKEO

(57) Abstract :

The present invention provides an electrode unit of a spot welding machine that can prevent an electrode holder and a mini chip from overheating. A recessed fitting portion 10b having a circular shape in section is formed in a surface of a projecting portion 10a of an electrode holder 10. A first O ring groove 10c is formed in an inner peripheral surface of the recessed fitting portion 10b. A cooling water passage 10g continuous to the recessed fitting portion 10b is formed in the electrode holder 10. A columnar fitting portion 20b is formed in a base end of the abutting portion 20a of the electrode 20. A second O ring groove 20c is formed in an outer peripheral surface of the fitting portion 20b. The fitting portion 20b is inserted in the recessed fitting portion 10b. An o ring 30 is fitted in the first O ring groove 10c and the second O ring groove 20c. Then the electrode 20 is attached to the projecting portion 10a. A cooling water circulated in the cooling water passage 10g cools down the electrode 20 and the projecting portion 10a.

Fig. 1



No. of Pages : 37 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8149/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR ANTIBODIES TARGETING COMPLEMENT PROTEIN C3B

(51) International classification

:C07K 16/18

(31) Priority Document No

:61/175,860

(32) Priority Date

:06/05/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/EP2010/056129

Filing Date

:05/05/2010

(87) International Publication No

:WO 2010/136311

(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)GUILD BRAYDON CHARLES

3)KIM YONG-IN

4)KLAGGE INGO

5)KRAUS ALEXANDRA

6)ROGUSKA MICHAEL

7)SPLAWSKI IGOR

8)ZHAO KEHAO

(57) Abstract :

The present invention relates to antibodies and antigen binding fragments thereof that bind to both human and cynomolgus complement protein C3b, as well as compositions and methods of use thereof.

No. of Pages : 273 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8180/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DYNAMIC PLACEMENT OF REPLICA DATA

(51) International classification	:G06F 21/24
(31) Priority Document No	:12/430,018
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031942
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/124024
(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)MURPHY, ELISSA E. S.

2)LESHINSKY, YAN V.

3)MEHR, JOHN D.

(57) Abstract :

The claimed subject matter relates to systems and/or methodologies that facilitate distributed storage of data. A distributed file system can be implemented on storage nodes such that the system places multiple copies of data (e.g., replicas) on a variety of disparate storage nodes to guarantee availability of the data and minimize loss of the data. Storage nodes are dynamically evaluated to identify respective characteristics. In one example, the characteristics can include availability of a storage node, capacity of a storage node, data storage cost associated with a storage node, data transfer costs associated with a storage node, locality of a storage node, network topology, or user preferences associated with a storage node. The characteristics can be employed to generate optimal placements decisions.

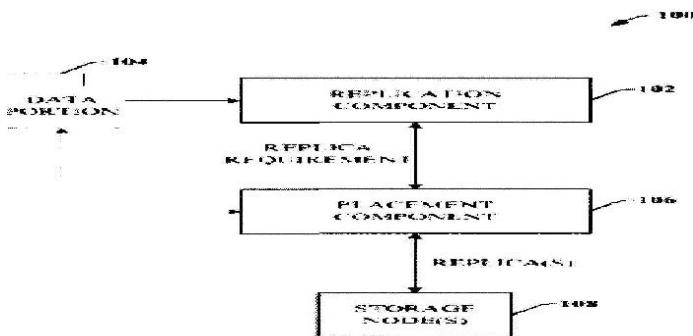


FIG. 1

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8182/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : INTELLIGENT TIERS OF BACKUP DATA

(51) International classification	:G06F 15/16
(31) Priority Document No	:12/430,015
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031939
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/124023
(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)MURPHY, ELISSA E. S.

2)MEHR, JOHN D.

(57) Abstract :

The claimed subject matter relates to systems and/or methodologies that facilitate intelligent distribution of backup information across storage locations in network-based backup architectures. A virtual layering of backup information across storage locations in the backup architecture can be implemented. Statistical models are utilized to dynamically re-allocate backup information among storage locations and/or layers to ensure availability of data, minimum latency upon restore, and minimum bandwidth utilization upon restore. In addition, heuristics or machine learning techniques can be applied to proactively detect failures or other changes in storage locations such that backup information can be reallocated accordingly prior to a failure.

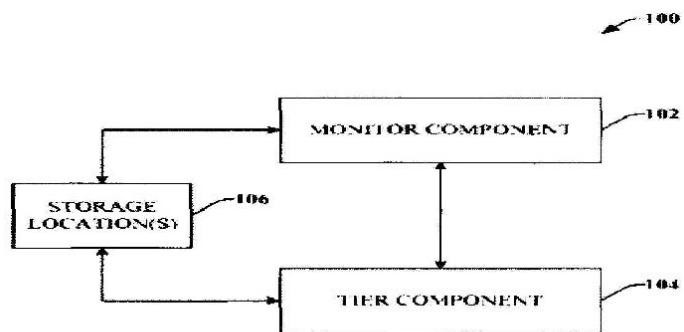


FIG. 1

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8184/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 15/02/2013

(54) Title of the invention : BIASED CLAMPING ASSEMBLIES

(51) International classification	:A61M 25/14
(31) Priority Document No	:61/171,659
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030978
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/123725
(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)SWISHER, DAVID, R.

(57) Abstract :

A medical clamping assembly includes a housing defining a chamber and a deflecting member operable to slide relative to the housing between a first position and a second position. A conduit is also provided within the housing and is adapted for fluid coupling to a medical device. The medical clamping assembly also includes a biasing element disposed within the housing adjacent to the conduit. The deflecting member is movable relative to the housing between the first position corresponding to an open state of the conduit and the second position corresponding to a closed state of the conduit whereby the biasing element compresses the conduit to substantially close a lumen of the conduit.

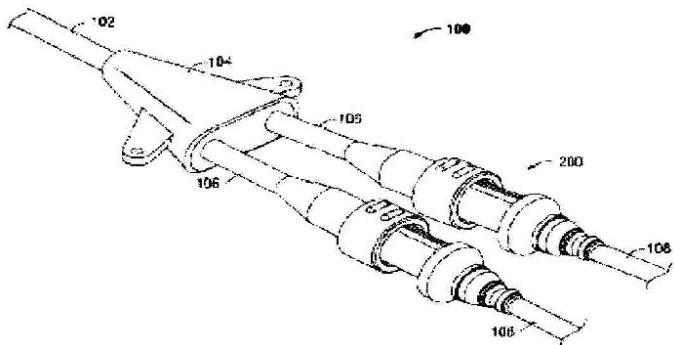


FIG. 1

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8070/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DEVICE FOR MOVING AND ATTACHING A COMPONENT BETWEEN TWO POSITIONS

(51) International classification	:B60S 5/06
(31) Priority Document No	:0952569
(32) Priority Date	:20/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050760
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/122266
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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BOULOGNE BILLANCOURT, FRANCE

(72)Name of Inventor :

1)MICHEL ECOCHARD

(57) Abstract :

The invention relates to a device for moving and attaching a component (8) between two positions, respectively a operating position in which the component is rigidly connected to a structure and a non-. operating position below the operating position and in which the component is detached from the structure. According to the invention, the device includes: a frame (1, 3) rigidly secured to the ground and provided with vertical guiding columns (6, 7); a lifting table (4) for moving the component (8) from the operating position to the non-operating position and vice versa, said lifting table being guided vertically along the guiding columns (6,7); means (5) for locking and unlocking the component on and outside the structure and rigidly connected to the lifting table (4); and an assembly of four cables (9) associated with return pulleys (10,11), wherein one end of the cables is mounted to a winch (12,13)that can raise and lower the lifting table between the non-operating position and the operating. position, while the other cable end is rigidly connected to the lifting table.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8161/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BUCCAL AND/OR SUBLINGUAL THERAPEUTIC FORMULATION

(51) International classification	:A61K 9/20
(31) Priority Document No	:2009902280
(32) Priority Date	:20/05/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000594
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/144943
(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)CUMMING, ALISTAIR

2)SPARROW, LANCE

3)KANNER, DAVID

(57) Abstract :

A buccal and/or sublingual formulation comprising one or more active compounds; and a buccal matrix which releases the active compounds at a predetermined rate for transport across the buccal and/or sublingual membranes, wherein the rate of release of the active compounds is either (A) the same or substantially the same rate at which the active compounds are transported across the buccal and/or sublingual membranes; or (B) a rate which releases the active compounds over an extended period as required by the therapeutic affect or treatment window for those active compounds.

No. of Pages : 42 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8196/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ELECTRICAL MACHINE COMPRISING A ROTOR, A STATOR AND A DEVICE FOR MONITORING THE AIR GAP BETWEEN ROTOR AND STATOR

(51) International classification	:H02K 11/00	(71) Name of Applicant :
(31) Priority Document No	:10 2009 018553.4	1)ALSTOM HYDRO FRANCE
(32) Priority Date	:24/04/2009	Address of Applicant :3, AVENUE ANDRE MALRAUX, 92300 LEVALLOIS- PERRET, FRANCE
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/055132	1)ALEXANDER SCHWERY
Filing Date	:19/04/2010	2)SERDAR CIFYILDIZ
(87) International Publication No	:WO 2010/121992	3)MATTHIAS SCHMID
(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 an electrical machine (10) in the power range of several MVA, especially an asynchronous or synchronous machine, which electrical machine (10) comprises a rotor (19) rotating about an axis (18) and having a rotor lamination stack (12), which is concentrically surrounded by a stator lamination stack (14) of a stator and separated from said stator by means of a ring-like air gap (21). To secure a faultless operation of the machine there are provided means (23) for monitoring the air gap (21), said monitoring means (23) reaching through said air gap (21) in an axial direction, and being used for detecting a change of the rotor geometry and/or the presence of debris in the air gap (21).

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8197/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ELECTRIC MACHINE WITH A RESTRAINT SYSTEM FOR THE ROTOR WINDING HEAD

(51) International classification	:H02K 3/51
(31) Priority Document No	:10 2009 018552.6
(32) Priority Date	:24/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055111
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/121987
(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)ALEXANDER SCHWERY

2)SERDAR CIFYILDIZ

3)MATTHIAS SCHMID

(57) Abstract :

The invention relates to an electrical machine (10) in the power range of several MVA, especially an asynchronous machine, which electrical machine (10) comprises a rotor rotating about an axis and having a rotor winding, said rotor winding being arranged in a rotor lamination stack and having a winding head (16) outside said rotor lamination stack, said winding head (16) being equipped with a winding head retention system (29), which comprises a plurality of radially oriented retention elements (20, 21) for absorbing the centrifugal forces acting on the winding head during machine operation. The safety of the machine is improved by providing said retention elements (20, 21) with locking means (22, 23), which safeguard the retention elements (20, 21) against unlocking and/or blowing away of fragments in case of a failure. (Fig. 2)

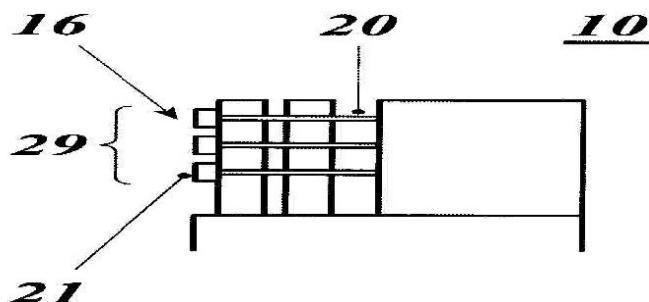


Fig. 2a

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8159/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : APPARATUS AND METHOD FOR COMMUNICATION

(51) International classification	:H04L 5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/054598
Filing Date	:17/04/2009
(87) International Publication No	:WO 2010/118781
(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)TIIROLA, ESA TAPANI

2)HOOLI, KARI JUHANI

3)PAJUKOSKI, KARI PEKKA

4)LUNTTILA, TIMO ERKKI

(57) Abstract :

Apparatus and method for communication are provided. An apparatus comprises a receiver configured to receive control and data signal; a transmitter configured to transmit control information on an uplink channel wherein a number of uplink control channel indexes corresponding to the number of control channel elements as on the downlink control channel is available, the transmission requiring more than one uplink channel index; and a controller. If one control channel index is available, the controller is configured to control the transmission of control information to utilise the uplink control channel index and control the transmission of control information related to a second control channel index based on a separate channel or adjusting transmission properties when transmitting the control information.

No. of Pages : 38 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8160/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LOCATION DEPENDENT CONNECTIVITY SETTINGS FOR TERMINAL DEVICES

(51) International classification	:H04W 8/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/053735
Filing Date	:30/03/2009
(87) International Publication No	:WO 2010/112059
(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 :

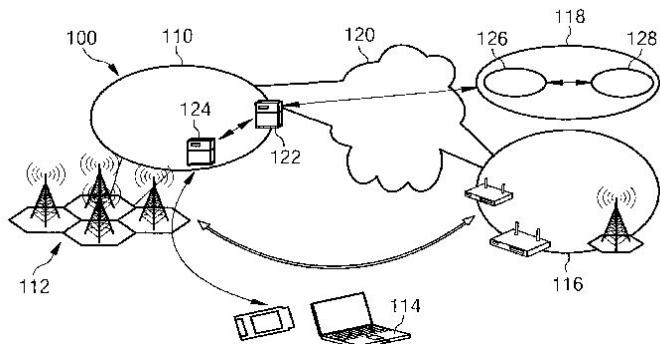
1)FORSELL, MIKA

2)PARANTAINEN, JANNE JUHANI

(57) Abstract :

A method of providing connectivity settings to a terminal device (114) comprising the steps of: (i) detecting an indication about the terminal device being at a detected location other than an expected home location for the terminal device; and (ii) sending connectivity settings (122, 124, 128) to the terminal device which are appropriate to the detected location. In one variant of the invention, detection occurs as a result of a travel plan notification (126) that the terminal device is planned to be away from the home location. In another variant, detection occurs by determining that the terminal device is, in fact, away from the home location. Fig. 1

FIG 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8191/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HIGH PRESSURE PUMP

(51) International classification	:F02M 59/10	(71)Name of Applicant :
(31) Priority Document No	:10 2009 003 054.9	1)ROBERT BOSCH GMBH
(32) Priority Date	:13/05/2009	Address of Applicant :POSTFACH 30 02 20, STUTTGART
(33) Name of priority country	:Germany	70442 GERMANY
(86) International Application No	:PCT/EP2010/053696	(72)Name of Inventor :
Filing Date	:22/03/2010	1)DUTT, ANDREAS
(87) International Publication No	:WO 2010/130497	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter describes a high-pressure pump (1) used in particular as a radial or an in-line piston pump for fuel injection systems of air-compressing auto-ignition internal combustion engines. The pump includes a pump assembly (13) and a drive shaft (6) which comprises a cam (9) that is assigned to the pump assembly (13). The pump assembly (13) includes a roller (25) which rolls with the roller surface (35) of the roller (25) on a running surface (10) of the cam (9). A rolling strength of the roller (25) on the roller surface (35) of the roller (25) and a rolling strength (9) of the running surface (10) of the cam (9) are specified at least approximately identical.

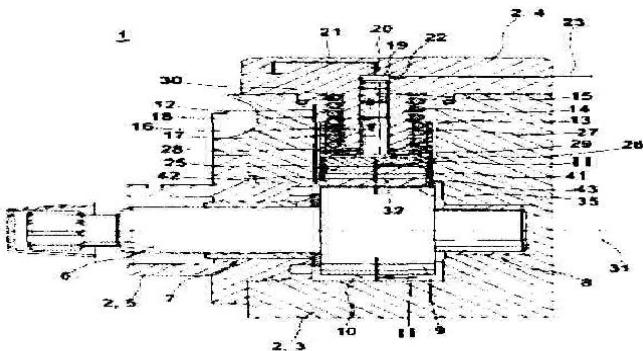


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8220/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DEVICE FOR PROCESSING AND CONDITIONING OF MATERIAL TRANSPORTED THROUGH THE DEVICE

(51) International classification	:B01J 19/24
(31) Priority Document No	:09162612.7
(32) Priority Date	:12/06/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/058290
Filing Date	:14/06/2010
(87) International Publication No	:WO
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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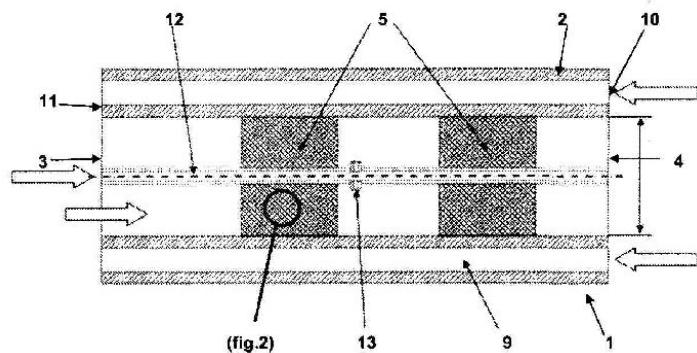
3)HUTTER, CEDRIC

4)RUPPEN, DAVID

(57) Abstract :

The present invention relates to a device for treatment of material transported through the device comprising at least one porous element consisting of solid, for example metallic, structure which allows cross-flow of the material through the porous element.. A device in accordance with the invention is particularly useful as mixer or heat exchanger or to carry out chemical reactions under homogenous and heterogeneous conditions. Such a device hereinafter also referred as reactor may comprises a tube (1) having a cylindrical wall (2) with one inlet end (3) and one outlet end (4). Arranged in the tube (1) is at least one cylindrical porous element (5) consisting of solid metal structure, wherein said porous element (5) comprises a plurality of hollow spaces that are connected to each other and form an interconnected cavity network and wherein the at least one porous element (5) and the cylindrical wall (2) are made in one piece. The porosity ε of the at least one porous element (5) is between 0,8 and 0,95.

Figure 1



No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8187/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NOZZLE GEOMETRY FOR ORGANIC VAPOR JET PRINTING

(51) International classification	:C23C 14/04
(31) Priority Document No	:61/211,002
(32) Priority Date	:25/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028496
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010/111387
(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)FORREST, STEPHEN R.
2)MCGRAW, GREGORY**

(57) Abstract :

A first device is provided. The device includes a print head. The print head further includes a first nozzle hermetically sealed to a first source of gas. The first nozzle has an aperture having a smallest dimension of 0.5 to 500 microns in a direction perpendicular to a flow direction of the first nozzle. At a distance from the aperture into the first nozzle that is 5 times the smallest dimension of the aperture of the first nozzle, the smallest dimension perpendicular to the flow direction is at least twice the smallest dimension of the aperture of the first nozzle.

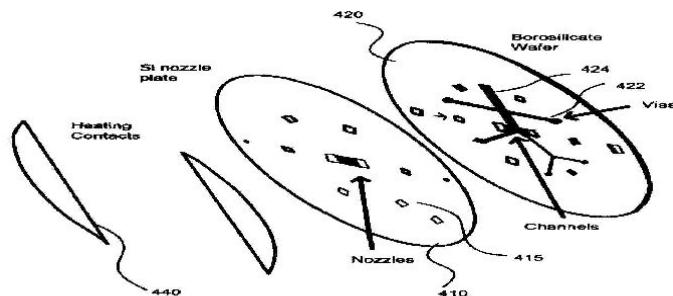


FIG. 4

No. of Pages : 66 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8188/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : RADIOLABELED FLUORINE DERIVATIVES OF METHIONINE

(51) International classification	:C07C 323/58
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/AU2009/000333
Filing Date	:24/03/2009
(87) International Publication No	:WO 2010/108210
(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)GREGURIC, IVAN
4)BOURDIER, THOMAS**

(57) Abstract :

The invention provides compound which is an 18F-radiolabelled S-propylhomocysteine or a derivative thereof. The compound has an enantiomeric purity of at least about 90%. 18F- radiolabelled S-propylhomocysteine may be made by treating an N-protected ester of a substituted S-propylhomocysteine with a complexed F salt in the presence of a base to form a protected product and then deprotecting the protected product to form the 18F- radiolabelled S-propylhomocysteine. In this method the N-protected ester has a leaving group on the S-propyl group and has an enantiomeric purity of at least about 90%. The base should be such that it does not cause racemisation of the protected product.

No. of Pages : 54 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8211/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PLASTIC ARTICLES, OPTIONALLY WITH PARTIAL METAL COATING

(51) International classification	:B29C 45/16
(31) Priority Document No	:61/163,130
(32) Priority Date	:25/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028602
Filing Date	:25/03/2010
(87) International Publication No	:WO 2010/111455
(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)ELIA, ANDRI E.

2)HAZEL, MARK

3)ROBERTSON, CLIVE K.

(57) Abstract :

Disclosed herein is a type of two-shot molded article, comprising a metallizable composition and a less-metallizable composition, that can be partially coated with metal, as well as methods of making the articles.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8213/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND DEVICES FOR PRODUCING OPTICAL GLASS ELEMENTS, PARTICULARLY CONCENTRATOR OPTICS

(51) International classification	:C03B 23/045
(31) Priority Document No	:10 2009 018 203.9
(32) Priority Date	:22/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002462
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/121809
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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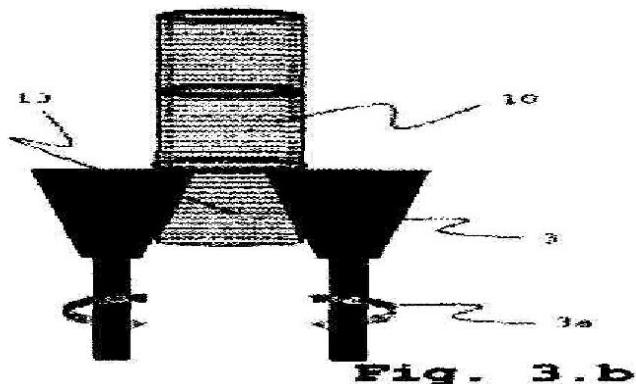
(72)Name of Inventor :

1)SCHENK, CHRISTIAN

2)FOTHERINGHAM, ULRICH

(57) Abstract :

The present invention relates to a method and to an apparatus for producing optical glass elements, in particular for producing what is referred to as low-cost optics for focusing light onto small areas, for example, for photovoltaic applications or optical couplers. The method for producing the optical glass elements comprises the following method steps: providing a glass rod having a selected cross-section, heating the glass rod such that it can be deformed in at least some sections, molding at least one optical glass element from the deformable section using a molding tool, separating the optical glass element from the glass rod at the connection, arranging a plurality of separated optical glass elements to form a group, and grinding and/or polishing at least one section of the separating surfaces of the grouped optical glass elements. The invention makes it possible to produce optical glass elements that meet low quality requirements in high quantities and with high output at low cost.



No. of Pages : 33 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8217/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR PRODUCING PROCESS GAS FOR THE CLAUS PROCESS

(51) International classification	:C01B 17/04
(31) Priority Document No	:10 2009 018 911.4
(32) Priority Date	:28/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/000421
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/124671
(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)SCHRIEFL ALEXANDER

(57) Abstract :

With a method configured to generate process gas that contains hydrogen sulfide and sulfur dioxide for the Claus process, hydrogen-sulfide containing feed gas is burnt with pure oxygen by means of several burners opening out into a combustion chamber wherein the pure oxygen is fed into the combustion chamber through a central tube each, the feed gas through a tube arranged coaxially around the central tube and inert gas as purge gas via an annular duct coaxially surrounding the feed gas tube. A favorable option of the method consists in the use of CO2 reclaimed by desorption of laden methanol as purge gas.

No. of Pages : 8 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8198/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A HOT SOLIDS PROCESS SELECTIVELY OPERABLE FOR COMBUSTION PURPOSES AND GASIFICATION PURPOSES'

(51) International classification	:C10J 3/46	(71)Name of Applicant :
(31) Priority Document No	:61/165,042	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:31/03/2009	Address of Applicant :BROWN BOVERI STRASSE 7, 5400 BADEN, SWITZERLAND
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2010/029163	1)ANDRUS HERBERT E JR
Filing Date	:30/03/2010	2)CHIU JOHN H.
(87) International Publication No	:WO 2010/117764	3)LILJEDAHL GREGORY N.
(61) Patent of Addition to Application Number	:NA	4)THIBEAULT PAUL R.
Filing Date	:NA	5)BOZZUTO CARL R
(62) Divisional to Application Number	:NA	6)BEAL CORINNE
Filing Date	:NA	7)BIAŁKOWSKI MICHAL TADEUSZ
		8)BRAUTSCH ANDREAS
		9)MAGHDISSIAN LAURENT
		10)VANDYCKE MICHEL

(57) Abstract :

A hot solids process operable selectively for combustion purposes and gasification purposes wherein a pre-identified product is selected from a group of products to be generated through the use of the hot solids process. Based on the nature of the pre-identified product, which is to be generated through the use of the hot solids process, a specific fuel from which the pre-identified product is capable of being derived is selected from a group of fuels. Then, from a group of reactors there is selected a first reactor, which is operable for generating in the first reactor the pre-identified product as an output from the first reactor. Thereafter, from a group of reactors, there is selected a second reactor, which is operable for effecting in the second reactor the conversion of air and of a predetermined carrier selected from a group of carriers to produce a predefined output from the second reactor.

No. of Pages : 32 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.82/DELNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COPPER ALLOY FOR HEAT EXCHANGER TUBE

(51) International classification	:B23K 1/00
(31) Priority Document No	:61/224,671
(32) Priority Date	:10/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041313
Filing Date	:08/07/2010
(87) International Publication No	:WO 2011/005926
(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)LUVATA ESPOO OY

Address of Applicant :P.O. BOX 78, FI-02101 ESPOO, FINLAND

(72)Name of Inventor :

1)FINNEY PARKER M.
2)IGNBERG LARZ
3)KAMF ANDERS
4)GOEBEL TIM
5)GONG ERIC
6)ROTTMAN ED

(57) Abstract :

An alloy comprising copper, nickel, tin and, optionally, phosphorus which can be used in, for example, a copper alloy tube for heat exchangers that provides excellent fracture strength and processability for reducing the weight of the tube and for use in high pressure applications with cooling media such as carbon dioxide.

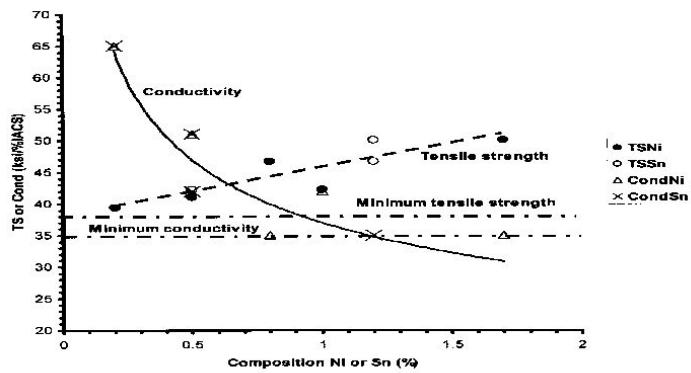


Figure 2

No. of Pages : 16 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8236/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : STABILIZATION OF COMPOUNDS COMPRISING IODINE

(51) International classification	:A01N 47/12
(31) Priority Document No	:09157103.4
(32) Priority Date	:01/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/053872
Filing Date	:25/03/2010
(87) International Publication No	:WO 2010/112387
(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)LANXESS DEUTSCHLAND GMBH

Address of Applicant :Q18, 51369 LEVERKUSEN,
GERMANY

(72)Name of Inventor :

1)ANDREAS BOTTCHER

2)BERND KOOP

3)PETER SPETMANN

(57) Abstract :

Use of aziridines for stabilizing iodine-containing compounds, especially biocides.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8262/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ACCUMULATING APPARATUS FOR DISCRETE PAPER OR FILM OBJECTS AND RELATED METHODS

(51) International classification	:B65H 26/14	(71) Name of Applicant : 1)KERN GLOBAL LLC Address of Applicant :3940 GANTZ ROAD, SUITE A, GROVE CITY, OH 43123, U.S.A.
(31) Priority Document No	:61/167,026	
(32) Priority Date	:06/04/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/030066 :06/04/2010	(72) Name of Inventor : 1)REINHARD BURI
(87) International Publication No	:WO 2010/118001	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

An apparatus (100) is provided for accumulating discrete paper or film objects (110) traveling in a machine direction (130). A first accumulator (113a) element of the apparatus (100) is rotatable about a first axis of rotation (150a). A second accumulator element (115a) is disposed in confronting relationship with the first accumulator element (113a) and has a first, generally flat surface (144a), and a first arcuate surface (146a). Both of these surfaces (144a, 146a) are rotatable about the first axis of rotation (150a) and the first accumulator element (113a) has a first angular position that defines a first gap (184) relative to the second accumulator element (115a) for receiving the objects (110) there between. The first accumulator element (113a) has a second angular position that defines a second gap (284) relative to the second accumulator element (115a) for moving the objects (110) in the machine direction (130), with the second gap (284) being smaller than the first gap (184).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8268/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR POWER SCALING FOR MULTI-CARRIER WIRELESS TERMINALS

(51) International classification	:H04W 52/34
(31) Priority Document No	:61/172,109
(32) Priority Date	:23/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032212
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/124192
(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)INTERDIGITAL PATENT HOLDINGS, INC.

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CONCORD PLAZA, SUITE 105, HAGLEY BUILDING,
WILMINGTON, DE 19810, U.S.A.

(72)Name of Inventor :

1)PELLETIER, BENOIT

2)PANI, DIANA

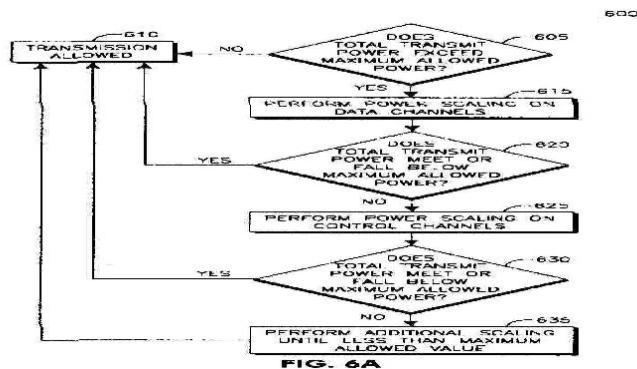
3)LEVY, JOSEPH, S.

4)XI, FENGJUN

5)CAVE, CHRISTOPHER, R.

(57) Abstract :

Method and apparatus for power scaling for multi-carrier wireless terminals are disclosed. Methods and mechanisms are provided for power scaling when a multi-carrier WTRU reaches its maximum output power. Also, methods and mechanisms are provided for power scaling when a power imbalance between a first and a second carrier transmitted by a multi-carrier WTRU reaches a predetermined threshold.



No. of Pages : 62 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.8363/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DATA DIODE SYSTEM

(51) International classification	:H04L 9/00
(31) Priority Document No	:12/416,831
(32) Priority Date	:01/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029430
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/120529
(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,
MASSACHUSETTS 02451-1449, U.S.A.

(72)Name of Inventor :

1)KELVIN CHENG

(57) Abstract :

A data diode system enables one-way data flow from an unsecured device to a secured device is disclosed. The data diode system includes at least one data diode that convert a communication received from an unsecured device to a secured communication for transmission to the secured device. The data diode system includes a voltage converter that receives a negative voltage from a serial data port connection of the secured device. The voltage converter converts the negative voltage into a positive voltage in order to power the data diode.

No. of Pages : 21 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8222/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A RESISTIVE TOUCH SCREEN APPARATUS, A METHOD AND A COMPUTER PROGRAM

(51) International classification	:G06F 3/045
(31) Priority Document No	:12/387,253
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051678
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/125491
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOKIA CORPORATION

Address of Applicant :OF KEILALAHDENTIE 4, FI - 02150
ESPPO, GERMANY

(72)Name of Inventor :

1)SARASMO, MARKO ANTERO

(57) Abstract :

An apparatus including: a first resistive screen extending in a first direction and a second direction; a second resistive screen extending in the first direction and the second direction and separated from the first resistive screen; a first reference resistor; a voltage source configured to apply a voltage across a series combination of the first reference resistor and the first resistive screen; and a voltage detector configured to measure a first voltage across the reference resistor.

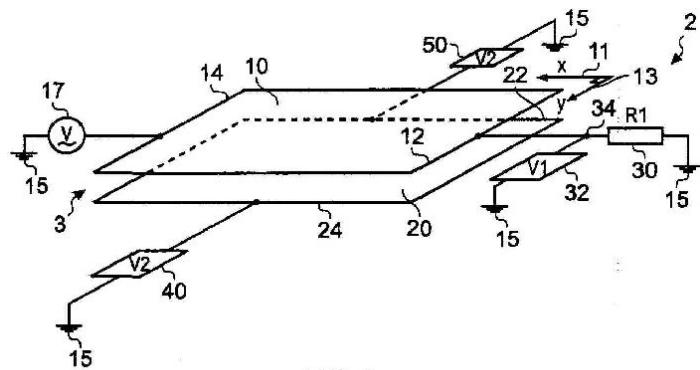


FIG. 1

No. of Pages : 40 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8244/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CARTRIDGE AND OPERATING METHOD FOR REAGENTS OF A BIOSENSOR SYSTEM

(51) International classification	:G01N 33/50
(31) Priority Document No	:10 2009 019 650.1
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/052969
Filing Date	:09/03/2010
(87) International Publication No	:WO 2010/124895
(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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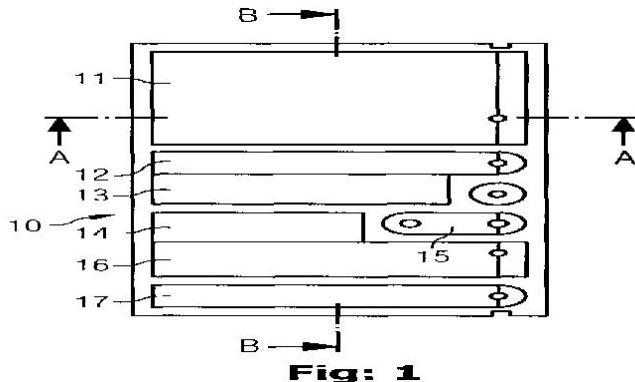
(72)Name of Inventor :

1)BARLAG; HEIKE

2)OSTERMAIER; JOCHEN

(57) Abstract :

Cartridge (10) for providing reagents for a biosensor system, comprising at least two containers (11-17), the at least partially open upper sides of which are each sealed by a foil (22) in an airtight and waterproof manner, wherein the at least two containers have sloped bases (21), the slopes of which are aligned identically, wherein the cartridge can be coupled to a biosensor system in that a hollow needle (5) which is fixed at the sensor system extends through the foil (22) of the at least one of the at least two containers in a coupled state, and wherein the end of the hollow needle is positioned in the vicinity of the base of the corresponding container. Furthermore, a drying agent for the water-free storage or for the ventilation of reagents is provided. FIG:1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8246/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METAL-COATED STEEL STRIP

(51) International classification	:C23C 2/12
(31) Priority Document No	:2009902441
(32) Priority Date	:28/05/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000645
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/135779
(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)BLUESCOPE STEEL LIMITED

Address of Applicant :LEVEL 11, 120 COLLINS STREET,
MELBOURNE, VICTORIA 3000, AUSTRALIA

(72)Name of Inventor :

1)SMITH, ROSS, McDOWALL

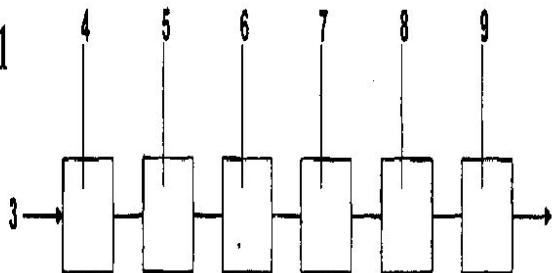
2)LIU, QIYANG

3)WILLIAMS, JOE

(57) Abstract :

An Al-Zn-Si-Mg alloy coated strip that has Mg₂Si phase particles that are \leq 2um and have a globular shape. A method of forming an Al-Zn-Si-Mg alloy coated strip comprises (a) heat treating a solidified coating to facilitate globularisation of Mg₂Si phase particles in the coating and/or (b) changing the coating bath chemistry to form intermetallic compound phases that act as nucleation sites for Mg₂Si phase particles with the result that small Mg₂Si particles form on solidification of the coating. FIGURE 1

FIGURE 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8271/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MEANS AND METHODS FOR THE DETERMINATION OF THE AMOUNT OF NEUROTOXIN POLYPEPTIDE AND OF ITS CATALYTIC AND PROTEOLYTIC ACTIVITIES

(51) International classification	:G01N 33/569
(31) Priority Document No	:09158788.1
(32) Priority Date	:27/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/055432
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/124998
(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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60318 FRANKFURT AM MAIN (DE) Germany

(72)Name of Inventor :

1)PFEIL, MICHAEL

2)FRIEDRICH, JOSEF

(57) Abstract :

The present invention pertains to the field of tools for ensuring manufacture of polypeptides and quality control. Specifically, it relates to a method for determining of the amount of processed (active) Neurotoxin polypeptide in a solution comprising processed Neurotoxin polypeptide and partially processed or unprocessed Neurotoxin polypeptide. The present invention relates further to a device for determining said amount and a kit adapted to carry out the method of the present invention.

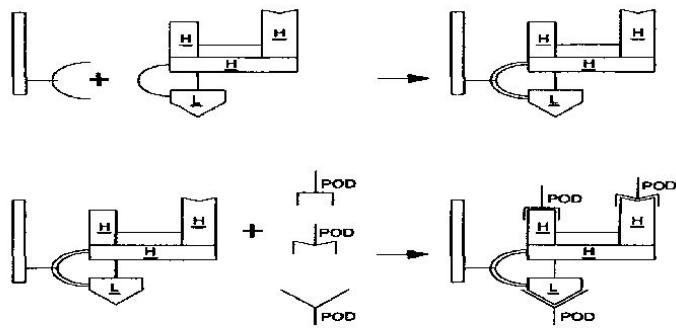


Fig. 2

No. of Pages : 76 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.8371/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : APPARATUS FOR TESTING THE QUALITY OF A FLUID SAMPLE

(51) International classification	:B01L 3/00
(31) Priority Document No	:0907605.0
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050728
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/125404
(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)AJMAL, TAHMINA

2)BAIN, ROBERT EDWARD SHENTON

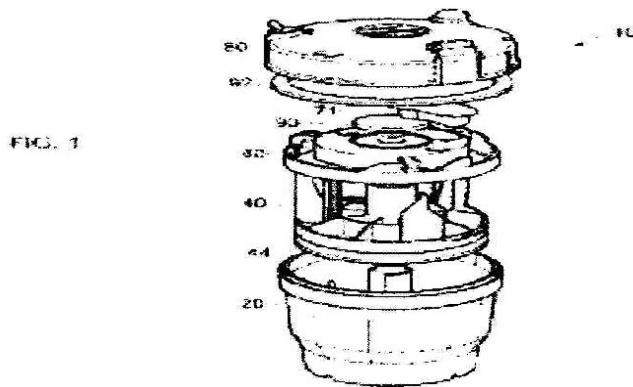
3)GUNDRY, STEPHEN

4)WALSH, PHILIP

5)WIGHTMAN, CRAIG IAN

(57) Abstract :

Apparatus for testing the quality of a fluid sample comprising a body defining an interior space including a primary chamber and one or more secondary chambers, the apparatus having a first configuration in which it is arranged to hold at least some of the fluid sample in the primary chamber and a second configuration in which it is arranged to isolate a first portion of the fluid sample within the one or more secondary chambers whilst retaining a second portion of the fluid sample in the primary chamber.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8251/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DEVICE AND METHOD TO CONDUCT AN ELECTROCHEMICAL REACTION ON A SURFACE OF A SEMICONDUCTOR SUBSTRATE

(51) International classification	:C25D 5/02	(71) Name of Applicant :
(31) Priority Document No	:0901518	1)ALCHIMER
(32) Priority Date	:27/03/2009	Address of Applicant :ZI DE LA BONDE15, RUE DU BUISSON AUX FRAISES, F-91300 MASSY FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/053955	1)ZAHRAOUI, SAID
Filing Date	:25/03/2010	2)DESCOURS, FRANCIS
(87) International Publication No	:WO 2010/108996	3)RAYNAL, FREDERIC
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a device to conduct an electrochemical reaction on the surface of a semiconductor substrate (S), characterized in that the device comprises: - a container (10) intended to contain an electrolyte (E), - a support (20) arranged in the container, said support being adapted for attachment of the semiconductor substrate (S) on said support (20), - a counter-electrode (30) arranged in the container (10), - illumination means (50) comprising a source (51) emitting light rays and means (52) to homogenize the light rays on all of said surface of the semiconductor substrate (S), so as to activate the surface of the semiconductor substrate (S), and - an electric supply (40) comprising connection means for connection to the semiconductor substrate and to the counter-electrode in order to polarize said surface of said semiconductor substrate (S) at an electric potential permitting the electrochemical reaction. The invention also concerns the method to conduct an electrochemical reaction on a surface of a corresponding semiconductor substrate.

No. of Pages : 47 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8255/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SCRUBBING A GAS CONTAINING NITROGEN OXIDES

(51) International classification	:B01D 53/56
(31) Priority Document No	:0953546
(32) Priority Date	:29/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050952
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/136698
(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)L'AIR LIQUIDE SOCIETE ANONYME POUR
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GEORGES CLAUDE**

Address of Applicant :75 QUAI D'ORSAY, F-75007 PARIS
FRANCE

(72)Name of Inventor :

- 1)BRIGLIA ALAIN**
- 2)GRANADOS LUDOVIC**
- 3)MONEREAU CHRISTIAN**
- 4)RENOU ELISE**

(57) Abstract :

The invention relates to a method for removing nitrogen monoxide (NO) and nitrogen oxides (NOx with $x>l$) from a gas stream, implementing a device including a catalytic bed for converting a portion at least a part of the NO into NOx with $x>l$, and a unit for reducing the NOx with $x>l$, and in which the gas stream is placed into contact with the catalytic bed before entering the unit for reducing the NOx with $x>l$.

No. of Pages : 10 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8258/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DISCRIMINATORY POSITIVE/EXTRACTION CONTROL DNA

(51) International classification	:C12Q 1/68
(31) Priority Document No	:61/163,419
(32) Priority Date	:25/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028693
Filing Date	:25/03/2010
(87) International Publication No	:WO 2010/111509
(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)BREWER, MICHAEL
2)PETRAUSKENE, OLGA
3)LIU, JEN-KUEI
4)CUMMINGS, CRAIG
5)LIEW, SUEH-NING
6)FURTADO, MANOHAR

(57) Abstract :

The present teachings generally relate to methods and kits incorporating a discriminating positive control for determining whether a particular microorganism or group of microorganisms are present in a sample, for example but not limited to a food, environmental, agricultural, biopharmaceutical, pharmaceutical, or water sample. According to certain methods, at least part of a starting material, for example but not limited to, a food, environmental, agricultural, biopharmaceutical, pharmaceutical, or water sample can be combined with a culture medium and incubated under conditions suitable for microbial growth followed by extracting microorganism and added control nucleic acids for analysis. The extracted nucleic acids are amplified and the amplified nucleic acids are detected, directly or indirectly, and the fidelity of the methods and the presence or absence of the corresponding microorganism is determined because the discriminating positive control provides both confirmatory results for the methods used but eliminates false positive results.

No. of Pages : 58 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8333/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DOMAIN TRAFFIC RANKING

(51) International classification

:G06F 15/173

(31) Priority Document No

:61/167,523

(32) Priority Date

:07/04/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/030207

Filing Date

:07/04/2010

(87) International Publication No

:WO 2010/118111

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)VERISIGN INC.

Address of Applicant :21355 RIDGETOP CIRCLE, DULLES,
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**1)ORENTAS LEONARD
2)KOSTERS MARK
3)MOSTON DAVE
4)SIMPSON ANDREW
5)JIMENEZ EDUARDO
6)HOLMES ALEX
7)SHYAMSUNDER KARTHIK
8)SUNKARA SRINIVAS
9)PATTAPU PHANI**

(57) Abstract :

NA

No. of Pages : 37 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.8381/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR GASIFICATION OF ORGANIC WASTE

(51) International classification	:C10J 3/84
(31) Priority Document No	:61/170,228
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000545
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/118513
(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)TSANTRIZOS, PANAYOTIS

2)LAVIGNE, STEPHAN

(57) Abstract :

The gasifier operates to mix a start up heat source with crude syngas combustion for driving gasification of waste. Combustion flue gas can be maintained above 650 DEG C until reaching a quench to prevent formation of dioxins. Excess heat is liberated through a heat recovery unit. The gasifier can operate in a batch mode to process small batches of waste efficiently for small installations, such as ships, apartment buildings, hospitals and residences.

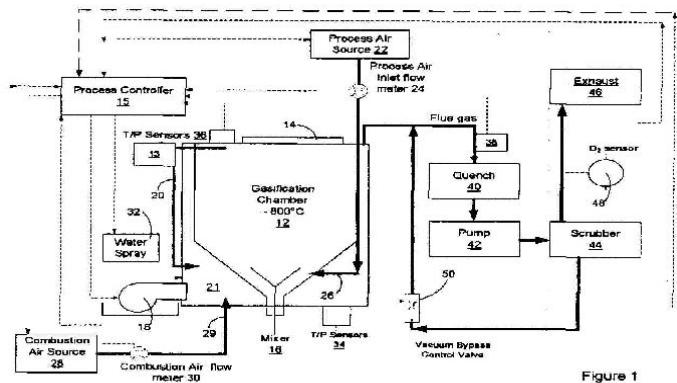


Figure 1

No. of Pages : 21 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8170/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NOVEL PRECURSOR MOLECULES FOR F-18 LABELLED PET TRACERS

(51) International classification	:C07C 209/74
(31) Priority Document No	:09075190.0
(32) Priority Date	:23/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/002237
Filing Date	:10/04/2010
(87) International Publication No	:WO 2010/121719
(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)BAYER PHARMA AKTIENGESELLSCHAFT

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(72)Name of Inventor :

1)GEORG KETTSCHAU

2)TOBIAS HEINRICH

3)LUTZ LEHMANN

4)STEPHAN SIEGEL

5)SANGRAM NAG

(57) Abstract :

This invention relates to novel compounds suitable as precursors for the preparation of certain F-18 labeled positron emission tomography (PET) tracers. Furthermore, the invention relates to the preparation of such precursor molecules and to the preparation of PET tracers by F-18 labeling of such precursors.

No. of Pages : 48 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8237/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PLANT SNFI-RELATED PROTEIN KINASE GENE

(51) International classification	:A01H 5/00
(31) Priority Document No	:61/168,532
(32) Priority Date	:10/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030563
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/118338
(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)DOW AGROSCIENCES LLC

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U.S.A.

(72)**Name of Inventor :**

1)ZHIFU ZHENG

2)THOMAS GREENE

(57) Abstract :

The present invention relates to the isolation, purification, characterization and use of the plant Snfl-related protein kinase (SnRK) gene and genetic products. The invention includes isolated and purified SnRK DNA and relates to methods of regulating water loss and plant drought tolerance, sucrose content, starch content, seed oil content, fatty acid synthesis, seed oil acyl composition, seed size/weight, resistance/tolerance to biotic stresses, increased root biomass, and/or carbon flux into other seed components, plant, using the gene, and to tissues and plants transformed with the gene. The invention also relates to transgenic plants, plant tissues and plant seeds having a genome containing an introduced DNA sequence of the invention, and a method of producing such plants and plant seeds.

No. of Pages : 66 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.8355/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LIGHT-EMITTING DEVICE

(51) International classification	:H01L 33/60
(31) Priority Document No	:2009-099745
(32) Priority Date	:16/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/002768
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/119701
(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)NICHIA CORPORATION

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ANAN-SHI, TOKUSHIMA 774-8601, JAPAN

(72)Name of Inventor :

1)DAISUKE SANGA

(57) Abstract :

A light emitting device is provided with a base member 11a, an interconnect pattern disposed on an upper surface of the base member 11a, a light reflecting layer comprising a first layer 12a disposed on a part of the interconnect pattern and formed from a metal material, and a second layer 12b made of a dielectric multilayer reflecting film made with stacked layers of dielectric films having different refractive indices and covering an upper surface and side surfaces of the first layer 12a, a light emitting element chip 14 fixed so as to face at least a part of the light reflecting layer, and a light transmissive sealing member 15 sealing the light reflecting layer and the light emitting element chip 14.

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.8357/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SPLIT-CYCLE AIR-HYBRID ENGINE WITH AIR EXPANDER AND FIRING MODE

(51) International classification	:F02B 33/22
(31) Priority Document No	:61/313,831
(32) Priority Date	:15/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/028276
Filing Date	:14/03/2011
(87) International Publication No	:WO 2011/115868
(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)SCUDERI GROUP, LLC

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(72)**Name of Inventor :**

1)RICCARDO MELDOLESI

2)NICHOLAS BADAIN

3)IAN GILBERT

(57) Abstract :

A split-cycle air hybrid engine includes a rotatable crankshaft. A compression piston is slidably received within a compression cylinder and operatively connected to the crankshaft. An expansion piston is slidably received within an expansion cylinder and operatively connected to the crankshaft. A crossover passage interconnects the compression and expansion cylinders. The crossover passage includes a crossover compression (XovrC) valve and a crossover expansion (XovrE) valve defining a pressure chamber therebetween. An air reservoir is operatively connected to the crossover passage. An air reservoir valve selectively controls air flow into and out of the air reservoir. In an Air Expander and Firing (AEF) mode of the engine, the engine has a residual expansion ratio at XOVTE valve closing of 15.7 to 1 or greater, and more preferably in the range of 15.7 to 1 and 40.8 to 1.

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8390/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ENZYMATIC TEXTILE COLOUR MODIFICATION

(51) International classification	:C11D 3/20
(31) Priority Document No	:09162047.6
(32) Priority Date	:05/06/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/057332
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/139601
(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)HUNTSMAN ADVANCED MATERIALS
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(72)**Name of Inventor :**

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2)ERWIN REDLING
3)WAYNE ASTON
4)CHRISTOPHER C. BARNETT
5)ANDREAS JACOBUS JOHANNA KROUWER
6)PIERA M. PERICU
7)RAFAEL F. SALA**

(57) Abstract :

A method for adjusting the colour tone of dyed cellulosic textile fibre material comprising contacting said textile material with an enzymatic textile treatment composition comprising (i) a perhydrolase enzyme, (ii) an ester substrate for said perhydrolase enzyme, and (iii) a hydrogen peroxide source, for a length of time and under conditions suitable to permit measurable brightening of the textile material.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.8372/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : INTRAUTERINE SYSTEM FOR USE IN MEDICAL TREATMENT

(51) International classification	:A61F 6/14
(31) Priority Document No	:09159353.3
(32) Priority Date	:04/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/055948
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/128004
(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)DE GRAAFF, WOUTER

2)VEENSTRA, HARM

3)MULDERS, TITIA MARTINE TRUCE

(57) Abstract :

An intrauterine system (1) is disclosed for use in the treatment of dysfunctional uterine bleeding; menorrhagia; dysmenorrhoea; endometriosis; uterine fibroids; climacteric complaints; osteoporosis; and urogenital atrophy. The system is formed by a frame (16) defining an interior space (20) for receipt of a deposit (22) of a therapeutically effective dose of a biologically active compound. The frame has an open structure allowing access to a substantial part of an outer surface of the deposit, and the deposit has a rate controlling structure (26) that controls a rate of release of the compound within the uterus. One or more retention elements (6) are provided on the frame for retaining the frame within the uterus of a female mammal.

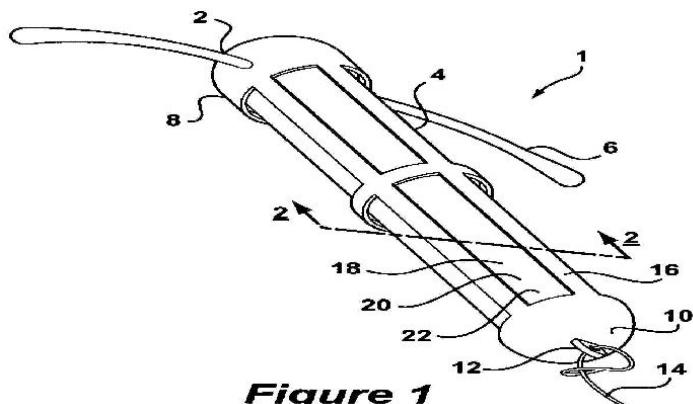


Figure 1

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.8378/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PRE-COMBUSTION CYCLE PRESSURISATION SYSTEM

(51) International classification	:F02D 13/02
(31) Priority Document No	:575925
(32) Priority Date	:30/03/2009
(33) Name of priority country	:New Zealand
(86) International Application No	:PCT/NZ2010/000053
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/114393
(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)PIVOTAL ENGINEERING LIMITED

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(72)Name of Inventor :

1)McLACHLAN, PAUL, ANTHONY

(57) Abstract :

A two stroke internal combustion engine (1) incorporating an asymmetric exhaust port/transfer port inversion device (2) characterised in that the device includes a hollow flap valve (100) adapted to pivot about a hollow pivot shaft (101) between a closed position and an open position wherein pivoting the device (2) to the open position as the piston (3) begins the compression stroke allows the transfer of air to continue after the leading edge of the piston has closed off the exhaust port (105) thereby advancing the timing of the exhaust port closing and extending the duration of air transfer from the crankcase primary compression chamber (103).

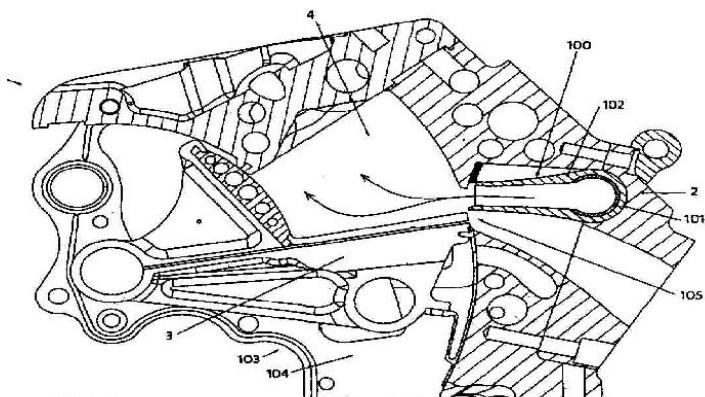


Figure 4

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.8379/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ENGINE COOLING SYSTEM

(51) International classification	:F01C 9/00
(31) Priority Document No	:575925
(32) Priority Date	:30/03/2009
(33) Name of priority country	:New Zealand
(86) International Application No	:PCT/NZ2010/000054
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/114394
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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CHRISTCHURCH 8011 (NZ) New Zealand

(72)Name of Inventor :

1)McLACHLAN, PAUL, ANTHONY

(57) Abstract :

A piston cooling system for a pivoted piston (1) for an internal combustion engine, said piston (1) having a piston body (2), a pivot shaft (3) by which the piston body (2) may be pivoted about a pivot axis (4) within a combustion chamber of the internal combustion engine, a first arcuate sealing surface spaced from the pivot axis and transcribing a circumferential path about the pivot axis, and a second arcuate sealing surface radially offset from the first arcuate sealing surface and connected to the first arcuate sealing surface by a floor (5) of the piston body (2), a portion of said floor (5) including a combustion chamber piston crown (6), characterised in that the cooling system includes a coolant path (10) formed in the piston, said coolant path having an entry point at a first end (11) of the pivot shaft (3) and an exit point at a second end (12) of the pivot shaft (3), wherein said coolant path (10) extends from the entry point, through a first portion (13) of the pivot shaft (3), into said piston body (2), beneath the piston floor (5), on through one or more passageways (16) adjacent the piston crown (6), back to a second portion of the pivot shaft (3), and out through the exit point, each said passageway (15/16/17) having a substantially constant cross section along its length.

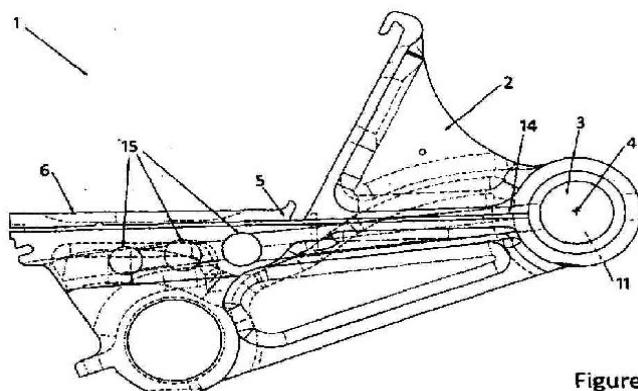


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8404/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MULTI-MODE HANDHELD WIRELESS DEVICE

(51) International classification	:H04W 88/02
(31) Priority Document No	:61/187,520
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069927
Filing Date	:31/12/2009
(87) International Publication No	:WO 2010/147610
(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)INTEL CORPORATION

Address of Applicant :2200 MISSION COLLEGE BOULEVARD, MS: RNB-4-150, SANTA CLARA, CALIFORNIA 95052, U.S.A.

(72)**Name of Inventor :**

1)FERREREN, BRAN

(57) Abstract :

Various embodiments of the invention relate to a multifunction handheld user device that may have multiple selectable modes of operation for different areas of the users life, each mode with its own database, applications, preferences, operational restrictions, and access limitations. Various mechanism may be provided for switching between modes. Within each mode, context awareness and situational awareness may be used to obtain additional information or perform additional functions not directly requested by the user.

No. of Pages : 32 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.8383/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A NUTRITIONAL COMPOSITION COMPRISING AN APPLE EXTRACT AND REDUCING FOOD ALLERGY SYMPTOMS, ESPECIALLY IN CHILDREN

(51) International classification	:A23L 1/30
(31) Priority Document No	:09158980.4
(32) Priority Date	:28/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/055431
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/124997
(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)NESTEC S.A.

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(72)**Name of Inventor :**

1)HOLVOET, SEBASTIEN

2)MERCENIER, ANNICK

3)ZUERCHER, ADRIAN

(57) Abstract :

A complete nutritional composition comprising polyphenols is provided for reducing the symptoms of allergies originating from food allergens in young children or infants. Preferably the composition modulates the secondary prevention of allergies while not affecting significantly the primary prevention. The composition comprises an apple extract.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.8384/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FOOD OR BEVERAGE COMPOSITION COMPRISING UNROASTED COFFEE SOLIDS

(51) International classification	:A23F 5/02
(31) Priority Document No	:61/173,270
(32) Priority Date	:28/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/054941
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/124936
(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)MILLO, CHRISTIAN

2)VANDON, FRANCOIS

3)KUO, CHING-JUNG

4)KAMAL, ANEELA

(57) Abstract :

The present invention relates to a food or beverage composition comprising unroasted coffee solids and arabino-galactans, for example a ready-to-drink beverage.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8387/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SPEECH ENCODING DEVICE, SPEECH DECODING DEVICE, SPEECH ENCODING METHOD, SPEECH DECODING METHOD, SPEECH ENCODING PROGRAM, AND SPEECH DECODING PROGRAM

(51) International classification	:G10L 21/02	(71) Name of Applicant :
(31) Priority Document No	:2009-091396	1)NTT DOCOMO, INC.
(32) Priority Date	:03/04/2009	Address of Applicant :11-1, NAGATACHO 2-CHOME, CHIYODA-KU, TOKYO 100-6150, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/056077	1)KOSUKE TSUJINO
Filing Date	:02/04/2010	2)KEI KIKUIRI
(87) International Publication No	:WO 2010/114123	3)NOBUHIKO NAKA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A linear prediction coefficient of a signal represented in a frequency domain is obtained by performing linear prediction analysis in a frequency direction by using a covariance method or an autocorrelation method. After the filter strength of the obtained linear prediction coefficients is adjusted, filtering is performed in the frequency direction on the signal by using the adjusted coefficients, whereby the temporal envelope of the signal is shaped. This reduces the occurrence of pre-echo and post-echo and improves the subjective quality of the decoded signal, without significantly increasing the bit rate in a bandwidth extension technique in the frequency domain represented by SBR.

No. of Pages : 193 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8410/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ANTI-VEGF-D ANTIBODIES

(51) International classification	:C07K 16/28
(31) Priority Document No	:61/166,555
(32) Priority Date	:03/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2010/000376
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/111746
(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)POW, ANDREW, JAMES

3)BATORI, VINCENT, EMIL, WALTER

4)KOUKOULAS, IRENE

5)KOPSIDAS, GEORGE

(57) Abstract :

The invention relates to an isolated antibody that specifically binds vascular endothelial growth factor -D (VEFG-) and to a humanized antibody that specifically binds VEGF-D.

No. of Pages : 108 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8413/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SOLID POWDER COSMETIC AND METHOD FOR PRODUCING THE SAME

(51) International classification	:A61K 8/81
(31) Priority Document No	:2009-091135
(32) Priority Date	:03/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056083
Filing Date	:02/04/2010
(87) International Publication No	:WO 2010/114125
(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)KANEKO, KATSUYUKI

2)KURAHASHI, TAKUMA

3)KUSABA, KENTARO

4)SONOYAMA, YUJI

(57) Abstract :

An object of the present invention is to provide a solid powder cosmetic having an excellent long-lasting makeup effect and the feeling of use. A solid powder cosmetic comprising: spherical poly(meth)acrylate particles having pores in the interiors and at the surfaces and having an average particle size of 3 to 20 μm , a specific surface area of 80 to 180 m^2/g , and a most frequent pore diameter of 180 Å or larger. Furthermore, it is suitable that the solid powder cosmetic further contains activated zinc oxide in an amount of 001% to 30% by mass based on the composition.

No. of Pages : 55 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8416/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : APPROACH IN CONTROLLING DSP SCALE IN THE BAYER PROCESS

(51) International classification	:C01F 7/06
(31) Priority Document No	:12/418, 988
(32) Priority Date	:06/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029968
Filing Date	:05/04/2010
(87) International Publication No	:WO 2010/117949
(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)CUI, JI

3)KILDEA, JOHN D.

4)SLINKMAN, DAVID H.

5)COLEMAN, KIM RICHARD

(57) Abstract :

The invention provides a method of controlling silica in the liquor circuit of the Bayer process. The method involves addition of a promoter material to enhance the precipitation of DSP and includes adding one or more silica dispersion materials or dry silica forms to those parts of the circuit where precipitation of DSP and removal of silica from solution is desirable; for example the desilication stage of a Bayer process plant. The removal of DSP from solution reduces silica concentration in the liquor and thereby enables better control of process issues such as silica contamination in alumina product and DSP formation in later stages of the process where precipitation as scale onto vessel walls and equipment is problematical. As a result, the invention provides a significant reduction in the total cost of operating a Bayer process.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8391/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AIR TREATMENT DEVICE

(51) International classification	:A61L 9/03
(31) Priority Document No	:0907048.3
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000707
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/122279
(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)REUBEN GARCIA

3)JUAN ANTONIO GOMEZ

4)BENJAMIN DAVID HINDLE

5)MELANIE ROPIC

6)STEVE WALSH

(57) Abstract :

An air treatment device is described that comprises: a housing having at least one air inlet and at least one air outlet with at least one air passageway therebetween; at least one fan located within said at least one air passageway; at least one air filter retaining means arranged to releasably retain, in use, an air filter within a passageway; at least one refill securing means arranged to releasably securing a refill of air treatment agent within the housing; emanation means within the housing; and wherein the housing is provided with a door to permit access to at least said air filter retaining means; and wherein the air filter retaining means are configured to move from a first position when the door is closed in which the air filter substantially completely obstructs said at least one air passageway to move to a second position when the door is open such that the air filter no longer substantially completely obstructs said at least one air passageway.

No. of Pages : 15 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8392/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FLUID METER, IN PARTICULAR FOR WATER

(51) International classification	:G01F 15/14
(31) Priority Document No	:09305508.5
(32) Priority Date	:03/06/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/057298
Filing Date	:27/05/2010
(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)ITRON FRANCE

Address of Applicant :62 BIS, AVENUE ANDRE MORIZET,
F-92100 BOULOGNE-BILLANCOURT, FRANCE

(72)**Name of Inventor :**

1)ALAIN CHAUDY

2)DANIEL CATHERIN

3)TAREK BOUZID

(57) Abstract :

The invention relates to a fluid meter, and in particular to a water meter, having a vessel (1, 1') that contains a measurement device and a counter (2) that contains, inter alia, a metering system for metering the fluid flow and that is fastened to the vessel, by means of its cover (2B) engaging with a thread (1C) of said vessel. According to the invention, the meter has a fastener ring (3) on which said cover (2A) of the counter is prevented from moving in translation, and which is provided with tapping (3A) that co-operates with said thread (1C) of the vessel, and a tamper-proofing ring (4) that covers the outside of said fastener ring (3) .

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8393/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DEVICE FOR REDUCING LOSS OF LIQUID DURING FRACTION COLLECTION

(51) International classification	:G01N 35/10
(31) Priority Document No	:0950430-9
(32) Priority Date	:09/06/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050621
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/144036
(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)GE HEALTHCARE BIO-SCIENCES AB

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(72)Name of Inventor :

1)HAKAN FROJDH

(57) Abstract :

A fraction collector comprising a liquid holding means (31) wherein it further comprises a fluid front control arrangement (43) arranged for locating the fluid front at a dispensing nozzle (5) and to control the liquid holding means (31) to keep the fluid front at a predetermined position. (FIG. 2B)

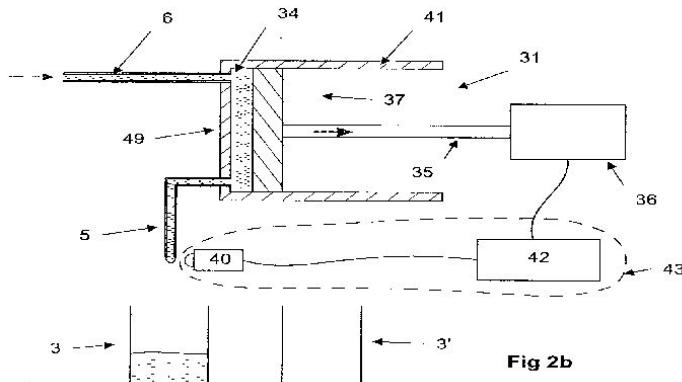


Fig 2b

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8394/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FLUID TRANSFER DEVICE

(51) International classification	:A61M 5/20
(31) Priority Document No	:61/175,329
(32) Priority Date	:04/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033590
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/129583
(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)ROBERT R. GONNELLI

2)ROBERT L. STANDLEY

3)STEVEN F. LEVESQUE

(57) Abstract :

A fluid transfer device for transferring fluid between a supply reservoir and a fill reservoir includes a metering reservoir and a manifold that forms at least part of a first channel that is fluidly connected with the metering reservoir. The first channel comprises a first cannula extending from the manifold. The manifold forms at least part of a second channel fluidly connected with the metering reservoir. The second channel comprises a second cannula extending from the manifold. A third channel extends through the manifold and comprises a third cannula having a first end proximate a distal end of the first cannula and a second end proximate a distal end of the second cannula. A first check valve is disposed within the first channel and a second check valve is disposed within the second channel.

No. of Pages : 53 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8428/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : 7-ARYL-1, 2, 4-TRIAZOLO[4,3-A]PYRIDINE DERIVATIVES AND THEIR USE AS POSITIVE ALLOSTERIC MODULATORS OF MGLUR2 RECEPTORS

(51) International classification	:C07D 471/04
(31) Priority Document No	:09160064.3
(32) Priority Date	:12/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/002909
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/130423
(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)ADDEX PHARMA S.A.

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1)CID-NUNEZ, JOSE, MARIA;

2)DE LUCAS OLIVARES, ANA, ISABEL;

3)TRABANCO-SUAREZ, ANDRES, AVELINO;

4)MACDONALD, GREGOR, JAMES;

(57) Abstract :

The present invention relates to novel triazolo[4,3-a]pyridine derivatives of Formula (I) wherein all radicals are as defined in the claims. The compounds according to the invention are positive allosteric modulators of the metabotropic glutamate receptor subtype 2 (mGluR2), which are useful for the treatment or prevention of neurological and psychiatric disorders associated with glutamate dysfunction and diseases in which the mGluR2 subtype of metabotropic receptors is involved. The invention is also directed to pharmaceutical compositions comprising such compounds, to processes to prepare such compounds and compositions, and to the use of such compounds for the prevention or treatment of neurological and psychiatric disorders and diseases in which mGluR2 is involved.

No. of Pages : 117 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8405/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CAMERA APPLICATIONS IN A HANDHELD DEVICE

(51) International classification	:G03B 3/00
(31) Priority Document No	:61/187,520
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069804
Filing Date	:30/12/2009
(87) International Publication No	:WO 2010/147609
(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)INTEL CORPORATION

Address of Applicant :2200 MISSION COLLEGE BOULEVARD, MS; RNB-4-150, SANTA CLARA, CALIFORNIA 95052, U.S.A.

(72)**Name of Inventor :**

1)FERRON, BRAN

2)NISHIHARA, H., KEITH

(57) Abstract :

A hand held device containing at least one camera can perform various functions. In some embodiments, digitized images taken with two or more camera lenses having different fixed focal lengths may be combined to emulate a high-resolution optical zoom, and may also permit the device to perform 3D applications. In other embodiments, a device containing a cameral may perform as a bar code reader, and may wirelessly transmit and/or visually present a bar code to other devices. Movable optics may permit the same camera to focus on either distant objects or on a close-up bar code.

No. of Pages : 38 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8407/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CONTROLLED ACCESS TO FUNCTIONALITY OF A WIRELESS DEVICE

(51) International classification	:G06K 9/70
(31) Priority Document No	:61/187,520
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037983
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/147823
(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)FERREREN, BRAN

(57) Abstract :

Various embodiments of the invention may be used to verify that a person being authorized by biometric techniques to use a device is a living person and not some form of recording intended to spoof the system. Some embodiments may try to cause a change in a measured biometric feature, and compare images taken before and after the change to verify the change occurred. In some embodiments, multiple stages of verification may be used, either to increase the difficulty of spoofing the security system, or to provide different levels of security for different levels of access to the device's functionality.

No. of Pages : 30 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8433/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : TRANSFORMER CORE

(51) International classification	:H01F 3/04
(31) Priority Document No	:09006635.8
(32) Priority Date	:16/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/002592
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/133286
(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)MICHAEL LUCKEY

2)WOLFGANG MONIG

3)BENJAMIN WEBER

(57) Abstract :

The invention relates to a transformer core (70) for a power transformer, having at least two transformer core laminations (10, 52, 72, 102, 104, 106) which are arranged in parallel and at least approximately congruently adjacent to each other and which have an at least similar outline. At least one through-hole (12, 14, 54, 56) is arranged in the outline in each case. The transformer core laminations (10, 52, 72, 102, 104, 106) consist at least predominantly of an amorphous ferromagnetic material. At least one cooling channel (64, 88, 90, 92, 94, 96, 112, 114) is arranged between the transformer core laminations (10, 52, 72, 102, 104, 106). The invention also relates to a power transformer comprising such a transformer core.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8434/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : WHEEL BEARING UNIT AND METHOD FOR PRODUCING THE SAME

(51) International classification :B60B 27/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2009/003511
 Filing Date :18/05/2009
(87) International Publication No :WO 2010/133233
(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)AB SKF

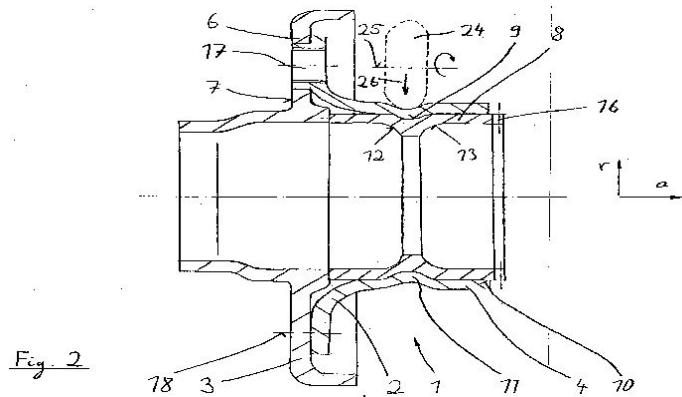
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 - 2)ALFRED RADINA**
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 - 4)HANS-JUERGEN FRIEDRICH**
 - 5)FRED FUCHS**
 - 6)ARMIN OLSCHE WSKI**
 - 7)CARL VISSERS**

(57) Abstract :

The invention relates to a wheel bearing unit (1) for a vehicle wheel, comprising a hub element (2, 3, 2') which has an axially (a) extending cylindrical section (4) to be supported by a bearing arrangement (5) and which has a radially (r) extending flange section (6) for fixing the vehicle wheel and/or a brake disk at a face side (7) of the flange section (6), wherein the bearing arrangement (5) has an outer ring (8). To ensure a firm and cost effective axial connection between the hub element and the outer ring, the invention is characterized in that the outer ring (8) has a radially extending insectection (9) at its outer circumference (10), wherein the axially (a) extending cylindrical section (4) of the hub element (2, 3, 2') is deformed partially (11) so that a section of it interferes in the insectection (9) for axially fixing the hub element (2, 3, 2') relatively to the outer ring (8). The invention also relates to a method for producing a wheel bearing unit. (Fig. 2)



No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8436/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FOAMED POLYVINYLIDENE FLUORIDE STRUCTURE

(51) International classification	:C08J 9/00
(31) Priority Document No	:61/174,745
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032038
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/126773
(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)SEAN M. STABLER

(57) Abstract :

The invention relates to a foamed fluoropolymer, preferably a polyvinylidene fluoride (PVDF) structure, such as from Kynar® resins. The foamed structure is continuous self-supporting, sized, and has a dense skin. The foamed structure is manufactured in a process using foaming agents and nucleating agents. The structure is sized into a specific shape during the manufacturing process - requiring a good melt viscosity of the PVDF foam. In one process, a master batch containing the nucleating agent is used. The foamed article could be a sheet, film, profile, tube, pipe, article, rod foam-core structure, or other self-supporting shape. Foamed tubes, pipes, rods, sheets and conduit are especially useful. The foamed structure of the invention provides added value by being lighter weight, more flexible, and more impact resistant than a comparable non-foamed PVDF structure. It also has increased hysteresis, increased insulation properties, reduced dielectric constant, and increased compressibility.

No. of Pages : 30 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.8366/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HERBICIDAL COMPOUNDS

(51) International classification	:C07D 495/04
(31) Priority Document No	:0908293.4
(32) Priority Date	:14/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000892
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/130970
(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)WILLETTS NIGEL JAMES

2)MULHOLLAND NICHOLAS PHILLIP

3)WORTHINGTON PAUL ANTHONY

4)AVERY ALARIC JAMES

(57) Abstract :

The present invention relates to 6,6-dioxo-6-thia-1,4-diaza-naphthalene derivatives of formula (I) where R1, R2, R3a, R3b, R4 and R5 are as defined in claim 1; or a salt or N-oxide thereof. Furthermore, the present invention relates to processes and intermediates for making compounds of formula (I), to herbicidal compositions comprising compounds of formula (I) and to methods of using compounds of formula (I) to control plant growth.

No. of Pages : 69 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.8367/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : RUBBER COMPOSITION AND PNEUMATIC TIRE

(51) International classification	:C08L 9/00
(31) Priority Document No	:2009-106285
(32) Priority Date	:24/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057162
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/123072
(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)NAKAYAMA ATSUSHI

(57) Abstract :

Provided are a rubber composition including: a rubber component formed of a diene-based rubber; and a filler, in which when an actual density determined by JIS K6268 method A is represented by d_c , and a density and a mass fraction of a component i determined by constituent analysis are represented by d_i and Φ_i , respectively, $d_c \Sigma (\Phi_i/d_i) \leq 0.980$ satisfies a specific relationship, and hence the rubber composition reduces the weight of a tire without reducing the durability of the tire such as abrasion resistance and achieves a high level of balance between the weight reduction and a reduction in the rolling resistance of the tire, and a pneumatic tire using the composition.

No. of Pages : 56 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8398/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ISOLATING A TARGET BIOENTITY FROM A BIOLOGICAL SAMPLE

(51) International classification	:B03C 1/01	(71) Name of Applicant :
(31) Priority Document No	:61/171,532	1)CLINICAL GENOMICS PTY. LTD.
(32) Priority Date	:22/04/2009	Address of Applicant :RIVERSIDE LIFE SCIENCES
(33) Name of priority country	:U.S.A.	BUILDING, 11 JULIUS AVENUE, NORTH RYDE, NEW
(86) International Application No	:PCT/AU2010/000459	SOUTH WALES, 2113, AUSTRALIA.
Filing Date	:22/04/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/121315	1)CHANDLER HOWARD MILNE
(61) Patent of Addition to Application Number	:NA	2)CHANDLER MICHAEL BRUCE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for isolating a target bioentity from a biological sample, comprises contracting the biological sample with a magnetically-labelled ligand having selective binding affinity for the target bioentity, for a determinate on the target bioentity, to form a target bioentity/labeled ligand complex, locating a separation module having a defined fluid flow path in the magnetic field of a magnetic module, the magnetic module comprising an array of at least two magnets in which adjacent magnets in the array are aligned with opposing polarity; passing the biological sample through the separation module to subject the biological sample to the magnetic field while the sample is passing through the defined fluid flow path to magnetically capture the target bioentity/labllled ligand complex by arresting or hindering movement of the complex within the defined fluid flow path, removing the separation module from the magnetic filed, and recovering the target bioentity/labllled ligand complex from the fluid flow path.

No. of Pages : 41 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8399/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : TRACK WITH OVERLAPPING LINKS FOR DRY COAL EXTRUSION PUMPS

(51) International classification	:B65G 17/38
(31) Priority Document No	:12/487,856
(32) Priority Date	:19/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031139
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/147700
(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)BRADY JOHN D.

(57) Abstract :

A chain for a particulate material extrusion pump includes a plurality of links, each of the plurality of links having a link body and a link ledge, wherein each link ledge of the plurality of links at least partially overlaps the link body of an adjacent one of the plurality of links.

No. of Pages : 21 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8440/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PLASMINOGEN ACTIVATOR INHIBITOR-1 INHIBITOR

(51) International classification	:C07C 233/81
(31) Priority Document No	:2009-088400
(32) Priority Date	:31/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB2010/000731
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/113022
(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)TOSHIO MIYATA

2)KENJI MURANO

3)NAGAHISA YAMAOKA

4)AKIHISA MAEDA

(57) Abstract :

The present invention provides a novel compound having plasminogen activator inhibitor-1 inhibitory activity, and an inhibitor of PAI-1 comprising the compound as an active ingredient. The present invention also provides a pharmaceutical composition having an inhibitory action on PAI-1 activity and being efficacious in the prevention and treatment of various diseases whose onset is associated with PAI-1 activity.

No. of Pages : 252 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8430/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HEATING DEVICE HAVING ELECTRIC AND FUEL POWERED HEAT SOURCES

(51) International classification	:F24C 11/00
(31) Priority Document No	:12/434,271
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034204
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/127371
(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, WENDER

2)SHAPIRO, STEPHEN

(57) Abstract :

A portable device which generates heat and which can be used alternatively as a corded, plug-in device or as a cordless, fuel-powered device. The device has dual heating capabilities each of which is powered by a unique cartridge. For use as a plug-in device an electric cartridge that connects the device to an adapter is utilized, whereas for use as a portable device a fuel cartridge is utilized for supplying a hydrocarbon fuel to support combustion. Use of one of the cartridges prevents the use of the other.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8431/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : INSECTICIDAL INCENSE AND ITS PRODUCTION METHOD AND APPLICATIONS

(51) International classification	:A01N 53/06
(31) Priority Document No	:2009 101 36127.5
(32) Priority Date	:30/04/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/075014
Filing Date	:18/11/2009
(87) International Publication No	:WO 2010/124496
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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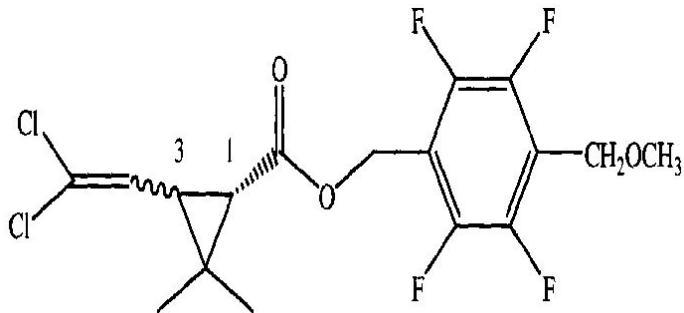
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- 1)QI, MINGZHU;
- 2)ZHOU, JINGMEI;
- 3)ZHAO, JIANWEI;
- 4)JIA, WEI;
- 5)JIANG, YOUFA;
- 6)ZHAO, PENG;
- 7)ZHANG, BIN;

(57) Abstract :

The invention provides an insecticidal incense. The incense comprises 0.002%5.0% by weight of 2,3,5,6-tetrafluoro-4-methoxymethylbenzyl-1R-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropane carboxylate, i.e. meperfluthrin with a structure represented by the following formula (X), as the insecticidal active ingredient. The insecticidal incense of the present invention has great effects on preventing and controlling sanitary pests such as mosquitoes, flies, and the like.



(X)

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8460/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ADAPTIVE IDLE MEASUREMENTS OF REFERENCE SIGNAL RECEIVED POWER (RSRP)

(51) International classification	:H04B 17/00
(31) Priority Document No	:61/174,067
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/055625
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/125064
(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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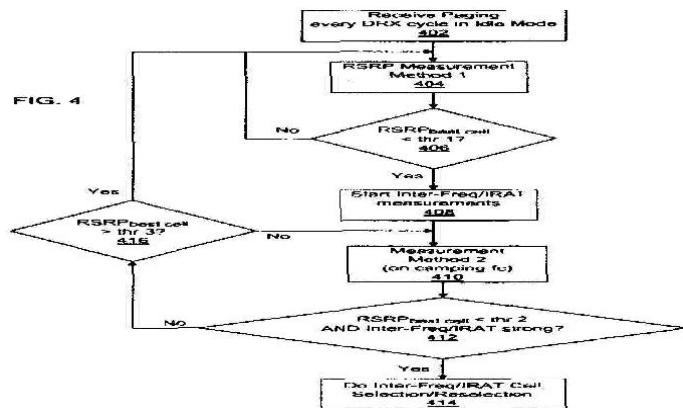
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Sweden

(72)Name of Inventor :

1)LINDOFF, BENGT

(57) Abstract :

Methods and apparatus in a receiver for selecting among methods of estimating a received power of at least one signal based on whether inter-frequency or inter-radio-access-technology received power measurements are needed. A method includes using a first method of measuring the received power based on the pattern to generate a first power estimate based on a first duration of the at least one signal; comparing the first power estimate to a first threshold; and based on the comparing, either using the first method of measuring to generate another first power estimate or using a second method of measuring the received power based on the pattern to generate a second power estimate, the second method being different from the first method and the second power estimate being based on a second duration of the at least one signal, and measuring a received power of at least one signal having a second carrier frequency.



No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8463/DELNP/2011 A

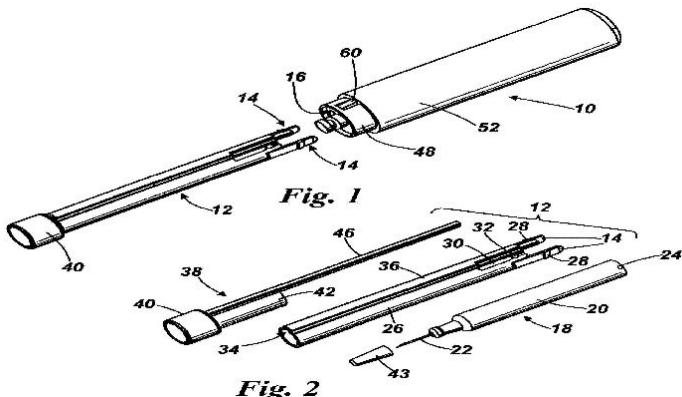
(43) Publication Date : 15/02/2013

(54) Title of the invention : INJECTION DEVICES

(51) International classification	:A61M 5/20	(71)Name of Applicant :
(31) Priority Document No	:0907534.2	1)OWEN MUMFORD LIMITED
(32) Priority Date	:01/05/2009	Address of Applicant :BROOK HILL WOODSTOCK
(33) Name of priority country	:U.K.	OXFORDSHIRE OX20 1TU, GREAT BRITAIN U.K.
(86) International Application No	:PCT/GB2010/050723	(72)Name of Inventor :
Filing Date	:30/04/2010	1)EATON MARK
(87) International Publication No	:WO 2010/125400	2)MARSHALL JEREMY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An injection device comprises a multi-use drive assembly 10 and a single use disposable syringe assembly 12 releasably connected thereto. The syringe assembly comprises a syringe 18 and a shield 26 mounted for telescopic movement. The drive assembly 10 is operable to extend the syringe 18 relative to the shield 26 and then to express a dose. Continued forward drive movement extends the shield 26 to re-cover the syringe needle 22 and then ejects the spent syringe assembly 12 in a safe (shrouded) condition. Refer to Figs 1, 2.



No. of Pages : 27 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8464/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PRODUCING PHTHALIC ACID/PHTHALIC ANHYDRIDE

(51) International classification

:C07C 51/265

(31) Priority Document No

:10 2009 036 295.9

(32) Priority Date

:06/08/2009

(33) Name of priority country

:Germany

(86) International Application No

:PCT/DE2010/000675

Filing Date

:15/06/2010

(87) International Publication No

:WO 2011/015169

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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1)GUTERMUTH THOMAS

2)FIEBIG BABETT

3)KUCHLING THOMAS

(57) Abstract :

A process for the continuous production of a mixture of phthalic acid (PA) and phthalic acid anhydride (PAA) dissolved in an aliphatic monocarboxylic acid, preferably in acetic acid, by an oxidation with atmospheric oxygen of o-xylene dissolved in monocarboxylic acid in the presence of a catalyst, which is carried out in a plurality of process stages.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8444/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CONTINUOUS ELECTROLYTIC SURFACE FINISHING OF BARS

(51) International classification	:C25D 7/00
(31) Priority Document No	:MI2009A 000760
(32) Priority Date	:05/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/055918
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/128000
(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)NISCO, NICOLA

2)MURATORI, ILARIA

(57) Abstract :

An apparatus (1) for continuous electrolytic surface finishing of bars (2) is described, comprising at least one cathode (3), one electrolytic cell (4) containing an electrolyte (5) and comprising an inlet (6) and an outlet (7) for the bars (2), and at least one longitudinal anode (8) along the route of the bars (2) inside the electrolytic cell (4), and means (9) for feeding the bars (2) along the axis of the bars (2) for introducing the bars (2) into the cell (4). Said at least one cathode (3) consists of a plurality of sliding contacts (11), each of which is provided with a selectively and independently actuatable energetic source (30) thereof. (Fig. 1)

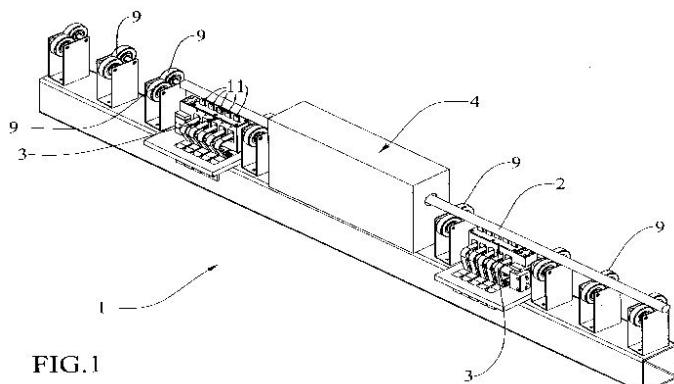


FIG.1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8448/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HYBRID ADSORBENT AND METHOD OF CAPTURING CARBON DIOXIDE IN GAS

(51) International classification	:B01J 20/18
(31) Priority Document No	:2009-113817
(32) Priority Date	:08/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003163
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/128599
(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)KENICHIRO FUJIMOTO

4)HATSUO TAIRA

(57) Abstract :

In a method of capturing carbon dioxide in a gas, carbon dioxide in a gas is adsorbed to the hybrid adsorbent prepared by mixing an adsorbent with iron oxide nanoparticles, microwaves are irradiated to the hybrid adsorbent and the carbon dioxide adsorbed to the hybrid adsorbent is desorbed from the hybrid adsorbent, and the carbon dioxide desorbed from the hybrid adsorbent is captured.

No. of Pages : 32 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8449/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : WIRELESS ENERGY TRANSFER

(51) International classification	:H02J 17/00
(31) Priority Document No	:60/908,383
(32) Priority Date	:27/03/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2007/070892
Filing Date	:11/06/2007
(87) International Publication No	:WO 2008/118178
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:6195/DELNP/2009
Filed on	:25/09/2009

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- 3)ROBERT MOFFATT**
- 4)JOHN D. JOANNOPOULOS**
- 5)PETER H. FISHER**
- 6)MARIN SOLJACIC**

(57) Abstract :

Disclosed is an apparatus for use in wireless energy transfer, which includes a first resonator structure configured to transfer energy non-radiatively with a second resonator structure over a distance greater than a characteristic size of the second resonator structure. The non-radiative energy transfer is mediated by a coupling of a resonant field evanescent tail of the first resonator structure and a resonant field evanescent tail of the second resonator structure.

No. of Pages : 68 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8481/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ALIGNMENT GUIDE'

(51) International classification	:A61F 2/46
(31) Priority Document No	:0907650.6
(32) Priority Date	:05/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050710
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/128320
(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)ROBERT FREEMAN

3)STEVEN GOWERS

(57) Abstract :

A surgical instrument alignment guide comprising a mount (2) arranged to be coupled to a bone of a patient, an alignment rod (4), a guide rod (24) and an indicator (26). The alignment rod (4) has a first end pivotally coupled to the mount (2) such that the inclination of the alignment rod (4) relative to the mount (2) is adjustable. The guide rod (24) is couplable to a second end of the alignment rod (4) at an adjustable angle and orientation such that the guide rod (24) can extend transverse to the alignment rod (4). The indicator (26) is coupled to the guide rod (24) to indicate when the guide rod (24) lies at a desired angle relative to a horizontal axis. Also disclosed is a method of aligning a surgical instrument using the surgical instrument alignment guide.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8484/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FIXING SUPPORT FOR AN EXHAUST SUPPORT PIPE

(51) International classification	:B60K 13/04
(31) Priority Document No	:0953229
(32) Priority Date	:15/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050883
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/130926
(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)PHILIPPE KOWALSKI

2)BRUNO KULMANECK

(57) Abstract :

The invention relates to a support element for fixing an exhaust support pipe, characterised in that the support element is made of a plate folded back in such a way as to have two bearing faces (12, 12') extending in essentially parallel planes, shaped in such a way as to be supported on the inner walls (32, 32'), and opposite a spar (30) having a U-shaped cross-section, said support element comprising a fixing part (14) to be fixed to the exhaust support pipe (20). The invention also relates to an exhaust support assembly comprising an exhaust support pipe (20) and a fixing support element, and to a method for rigidly fixing the assembly in a spar (30).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8438/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : THERMOPLASTIC ELASTOMERS EXHIBITING SUPERIOR FOOD CONTACT COMPLIANCE

(51) International classification	:C08L 23/00
(31) Priority Document No	:61/179,682
(32) Priority Date	:19/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035115
Filing Date	:17/05/2010
(87) International Publication No	:WO 2010/135244
(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)GUOQIANG QIAN

(57) Abstract :

A blend of any of three specific olefin polymers and ethylene/alpha-olefin interpolymer is disclosed. Optionally, the blend also includes styrene-isobutylene-styrene thermoplastic vulcanizate and calcium carbonate filler. The blend has good processability and passes Olive Oil Extraction Test EU82/711/EEC and the FDA Food Contact Test required at 21 CFR §177.2600, enabling plastic articles of the blend to be used as thermoplastic elastomers in food handling and storage articles.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8470/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ACETABULAR CUP

(51) International classification	:A61F 2/34
(31) Priority Document No	:61/170,735
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030041
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/123677
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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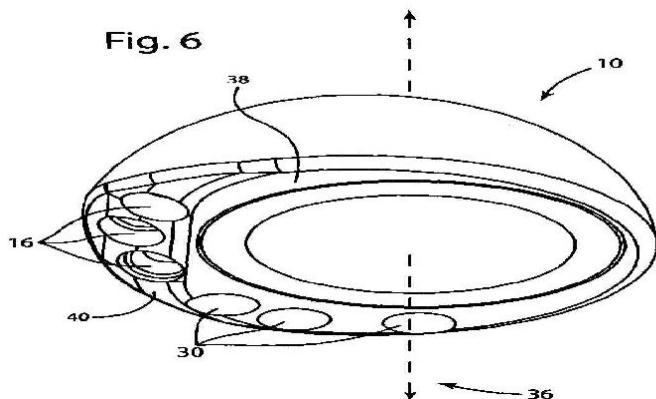
(72)Name of Inventor :

1)RIES, MICHAEL

2)MOHR, KAREN

(57) Abstract :

A system and method for placing a prosthetic acetabular cup within an acetabulum are disclosed. The system may comprise an acetabular cup with an eccentric socket. The acetabular cup may be substantially hemispherical with a cup rim and a portion of the cup rim removed defining a relief. The cup may accommodate a concentric liner in an eccentric position. Screw apertures may be present on the periphery of the cup and the screw trajectories may converge toward the dome of the cup. The cup is attached to a tool which is offset relative to the cup because of the substantially eccentric socket. The relief, when the cup is secured to the acetabulum, is positioned substantially anterior and the socket is positioned more posterior to provide a more natural center of rotation of a femoral head within the socket. The first relief reduces impingement of the acetabular cup on soft tissue.



No. of Pages : 27 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8475/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DIGITAL HYBRID AMPLIFIER CALIBRATION AND COMPENSATION METHOD

(51) International classification	:H03F 3/60
(31) Priority Document No	:12/453,586
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034347
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/132421
(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 and hybrid matrix amplifiers are provided. In a method of calibrating a hybrid matrix amplifier (10) of a wireless transceiver, a plurality of signal paths (PATH1, PATH2) having a digital and an analog portion are toggled such that the analog portion of each of the plurality of signal paths is active only during a corresponding buffer capture interval of a calibration process. The signal paths carry signals (S1, S2) to be transmitted by an antenna arrangement. Channel estimates for each of the plurality of signal paths are generated based only on sampling data collected during the corresponding buffer capture interval. The hybrid matrix amplifier is calibrated based on the generated channel estimates.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8476/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SURGICAL PROSTHESES

(51) International classification	:A61F 2/34
(31) Priority Document No	:0907036.8
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000718
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/122281
(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)RYAN COLLINS

(57) Abstract :

A prosthesis arranged to be coupled to a bone. The prosthesis comprises a substrate (2) having a surface (6). The surface (6) of the substrate (2) has a first area and a second area, the first area being treated such that osteointegration is promoted more than in the second area. The interface (12) between the first and second areas forms an alignment mark to assist alignment of the prosthesis relative to a bone. The prosthesis is arranged to be at least partially inserted into a bone cavity such that the position of the alignment mark relative to the bone cavity is indicative of the angle of insertion of the prosthesis or the alignment mark provides a position reference for determining the implanted position of the prosthesis in the cavity. A method of manufacturing the prosthesis and a method of implanting the prosthesis are also provided.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8489/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN IMPROVED UNIVERSAL, MULTIDIRECTIONAL EXERCISER FOR EXERCISING HAND, WRIST AND FOREARM IN MULTIPLE PLANES OF MOTION WITH ADJUSTABLE RESISTANCE

(51) International classification	:A63B 21/00
(31) Priority Document No	:12/425,909
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031289
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/121062
(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 provides a multidirectional exerciser for hand, wrist and forearm comprising a handle having an axial opening through which a bolt extends. A spring means is around one end of the bolt disposed against an adjustment ring. A resistance knob is mounted on the adjustment ring. A pressure plate is mounted at the opposite end of the handle between the handle and the head of the bolt. A knob is mounted around the pressure plate and clutch disc, mounted for relative rotational movement with respect to the handle. The wrists and hands are exercised by holding the handle in one hand and the knob/grip member in the other hand, and repetitively twisting the handle and knob/grip member in opposite directions. A detachable grip member is mounted over said knob and the detachable grip member further comprises a gyro ring and a squeeze grip strengthener.

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8469/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : REDUCING BUILD UP OF CROP RESIDUE ON SHANKS

(51) International classification	:A01B 35/28
(31) Priority Document No	:2,673,265
(32) Priority Date	:15/04/2009
(33) Name of priority country	:Canada
(86) International Application No	:PCT/CA2010/000449
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/118502
(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)DILLON, PETER

(57) Abstract :

A residue clearing apparatus for a shank of an agricultural implement includes a spoked wheel adapted for attachment to the implement such that the spoked wheel rotates about a wheel axis oriented substantially horizontal and perpendicular to an operating travel direction of the implement and forward of the shank. A drive is operative to rotate the spoked wheel. The spoked wheel is oriented such that ends of spokes of the spoked wheel pass above the ground forward of the shank, and such that the ends of the spokes of the spoked wheel pass adjacent to a front face of the shank. The spokes may be resiliently or pivotally mounted to the wheel.

Fig. 2

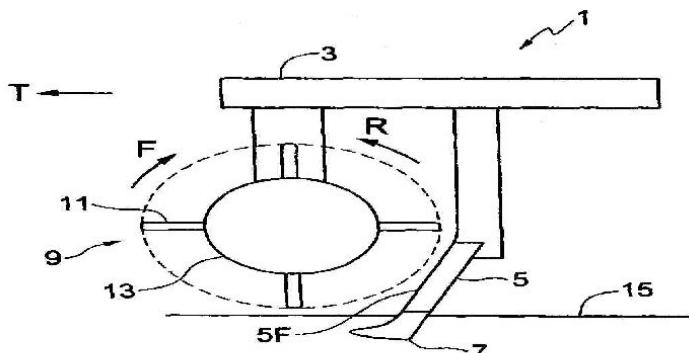


FIG. 2

No. of Pages : 24 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8513/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SKIN PANEL JOINT FOR IMPROVED AIRFLOW

(51) International classification	:B64C 1/12
(31) Priority Document No	:12/489,142
(32) Priority Date	:22/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032615
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/005350
(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 BOEING COMPANY

Address of Applicant :100 NORTH RIVERSIDE PLAZA,
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(72)Name of Inventor :

1)PRADIP GIRISH PARIKH

2)HENRY JOHN KOPPELMAN

3)TODD MATTHEW HARRIS

4)FREDERICK M. SWANSTROM

(57) Abstract :

An apparatus may comprise a first skin panel having a first surface, a second skin panel having a second surface, a first flange located at an end of the first skin panel, a second flange located at an end of the second skin panel, and a strip having a third surface. The first skin panel may be located adjacent to the second skin panel such that the first flange and the second flange form a channel. The strip may be bonded in the channel. Fluid flow over the third surface of the strip, the first surface of the first skin panel, and the second surface of the second skin panel may have a desired state.

No. of Pages : 57 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8514/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DISPLAY NAVIGATION

(51) International classification	:G06F 17/00
(31) Priority Document No	:61/166,099
(32) Priority Date	:02/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028768
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/114765
(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)PANELFLY, INC.

Address of Applicant :1 LITTLE WEST 12TH STREET,
NEW YORK, NEW YORK 10014, U.S.A.

(72)Name of Inventor :

1)STEPHEN LYNCH

2)BRETT DOVMAN

3)WADE SLITKIN

4)MICHAEL MARGOLIS

5)AARON HANEY

6)JULES JANSSEN

(57) Abstract :

A system and method for navigating pages of content on a target device is disclosed. The target device has a display area that is typically smaller than a page of content. Rather than having, the user use scroll bars or finger gestures to view the entire page, a predetermined sequence of frames are displayed to the user. A frame is a preselected portion of a page. The user simply indicates when he has completed reading or viewing the current frame, and the next frame is then presented in the display area. This predetermined sequence is generated by the content provider or author, who uploads both the content and the frame sequence to a server, where it can be accessed by potential users.

No. of Pages : 39 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8533/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINATION AND DISPLAY OF IN-NETWORK CALLER
NOTIFICATION ON A MOBILE DEVICE

(51) International classification	:H04W 8/02	(71) Name of Applicant :
(31) Priority Document No	:12/422,935	1)CEQUINT, INC.
(32) Priority Date	:13/04/2009	Address of Applicant :1011 WESTERN AVENUE, SUITE 800 SEATLE, WASHINGTON 98104, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/030259	1)MARK GOSSELIN
Filing Date	:07/04/2010	2)RICK HENNESSEY
(87) International Publication No	:WO 2010/120609	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method for determining whether an incoming call originates from inside or outside of a mobile carriers network and indicates the result to the subscriber. An example system performs a GTT (global title translation) on an incoming number to determine the hosting carrier of any mobile phone number. When the result matches the subscribers carrier, the mobile device then indicates to the subscriber (i.e. mobile device) that the call is an in network call. Results of the comparison are stored and used for later incoming calls. The stored results are refreshed every time or periodically.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8540/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATICALLY ADDRESSING DEVICES ON A COMMUNICATION NETWORK

(51) International classification	:H04W 24/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/046377
Filing Date	:05/06/2009
(87) International Publication No	:WO 2010/14126
(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)OTIS ELEVATOR COMPANY

Address of Applicant :TEN FARM SPRINGS, ROAD,
FARMINGTON, CT 06032-2568, U.S.A.

(72)**Name of Inventor :**

1)NGUYEN DANG

2)ARMISTEAD JASON

3)SCOVILLE BRADLEY

4)FANG MING MARTIN

(57) Abstract :

A system and method automatically assigns unique addresses to devices connected on a communication bus based on the parameters measured by each device. Assignment of addresses may be provided centrally by a controller or may be distributed, in which each device negotiates with other devices to assign unique addresses to each device.

No. of Pages : 28 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8519/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : USE OF A COMBINATION OF D-ASPARTIC AND L-ASPARTIC ACIDS OR SALTS THEREOF FOR THE TREATMENT OF MALE INFERTILITY

(51) International classification	:A61K 31/198	(71) Name of Applicant : 1)MERCK SERONO S.P.A. Address of Applicant :VIA CASILINA 125, 00176 ROMA, ITALY
(31) Priority Document No	:RM2009A000253	
(32) Priority Date	:19/05/2009	
(33) Name of priority country	:Italy	
(86) International Application No	:PCT/IT2010/000222	(72) Name of Inventor :
Filing Date	:19/05/2010	1)D'ANIELLO SALVATORE
(87) International Publication No	:WO 2010/134117	2)D'ANIELLO ENRICO
(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 the use of a combination consisting of D-aspartic and L-aspartic acids or L-aspartic acid used alone to stimulate the procreative activity in the man by increment of spermatozoon number and motility.

No. of Pages : 78 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8520/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : TOOTHED BELT AND USE OF A TOOTHED BELT IN OIL

(51) International classification	:F16G 1/28
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT2009/000148
Filing Date	:06/04/2009
(87) International Publication No	:WO 2010/116390
(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)DAYCO EUROPE S.R.L.

Address of Applicant :VIA PAPA LEONE XIII, 45
FRANZIONE CHIETI SCALO I-CHIETI, ITALY

(72)Name of Inventor :

1)DI MECO MARCO

2)BALDOVINO CARLO

3)NARDONE FABIO

4)LICINI LICINIA

(57) Abstract :

There is described a belt (1) comprising a body (2) made of a first elastomeric material, in which a plurality of longitudinal filiform resistant inserts (3) is embedded, and a working surface (4) coated by a coating fabric (5), advantageously the working surface consists of a toothing (4). The first elastomeric material comprises fibres (6) which extend in a direction substantially perpendicular to the resistant inserts and substantially parallel to a surface defined by the axes of the resistant inserts.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8541/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CURRENT COLLECTOR FOR CATALYTIC ELECTRODE

(51) International classification	:H01M 12/06
(31) Priority Document No	:61/182,285
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036271
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/138643
(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)EVEREADY BATTERY COMPANY, INC.

Address of Applicant :533 MARYVILLE UNIVERSITY DRIVE, ST., LOUIS, MISSOURI 63141 U.S.A.

(72)Name of Inventor :

1)BENNETT WAYNE B.

2)GUO JINGDONG

(57) Abstract :

The invention is an electrochemical cell with a catalytic electrode and an aqueous alkaline electrolyte within a cell housing having one or more ports for the passage of a gas to or from the catalytic electrode and a process for making the cell. The catalytic electrode includes a catalytic layer, containing a catalytic material, and a porous current collector, at least partially embedded in the catalytic layer. The current collector includes a substrate (140) with an electrically conductive metal layer (142), in contact with the catalytic material on the side of the current collector facing the ports, and a coating (144) including electrically conductive particles, in contact with the catalytic layer on the side facing the separator.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8542/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : YARN WINDING DEVICE AND ALARM THRESHOLD VALUE DETERMINATION METHOD FOR DETECTION OF ROTATIONAL FAULTS IN A PACKAGE

(51) International classification	:B65H 63/00	(71) Name of Applicant :
(31) Priority Document No	:2009-124663	1)MURATA MACHINERY LTD.
(32) Priority Date	:22/05/2009	Address of Applicant :3 MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326, JAPAN
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/003219	(72) Name of Inventor :
Filing Date	:12/05/2010	1)TANAKA KATSUYA
(87) International Publication No	:WO 2010/134294	2)MURAYAMA KENICHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A yarn winding device capable of automatically detecting an abnormal package rotation with a high accuracy is provided. An automatic winder includes a winding unit (16) and a machine control device (11). The winding unit (16) performs a yarn winding operation. The machine control device (11) controls the winding unit (16). The machine control device (11) includes a theoretical package calculation section (27) and a computation section (17). The theoretical package calculation section (27) calculates the theoretical number of package rotations. The computation section (17) determines an alarm threshold value for determining an abnormal package rotation, based on the theoretical number of package rotations. The alarm threshold value is inputted to the winding unit (16). An alarm determination section (76) included in the winding unit (16) compares the actual number of package rotations with the alarm threshold value, and performs an alarm determination.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8547/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PHOTOMETRIC DEVICE FOR MEASURING ABSORBANCE AND TURBIDITY

(51) International classification	:G01N 21/25
(31) Priority Document No	:P200901037
(32) Priority Date	:21/04/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2010/070246
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/122203
(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)BIOSYSTEMS, S.A.

Address of Applicant :COSTA BRAVA, 30, 4 08030
BARCELONA SPAIN

(72)Name of Inventor :

1)BENITEZ PORRAS, FRANCES

2)ESPLUGUES ARTOLA, JORDI

(57) Abstract :

Photometric device (1) for measuring absorbance and turbidity in samples placed in a cell (2) based on a light source that comprises an arrangement of light-emitting diodes (3, 16) located inside a housing (13), in which at least one of the light-emitting diodes is capable of providing ultraviolet light such that a light beam is transmitted towards the cell (2) containing the sample to be measured. This device allows measurement of both the molecular absorption of a chromophore and the dispersion or turbidity of a suspension.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8505/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MIXING DEVICE FOR A DOWN-FLOW REACTOR

(51) International classification	:B01F 3/04
(31) Priority Document No	:12/475,209
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035731
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/138407
(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, U.S.A.

(72)Name of Inventor :

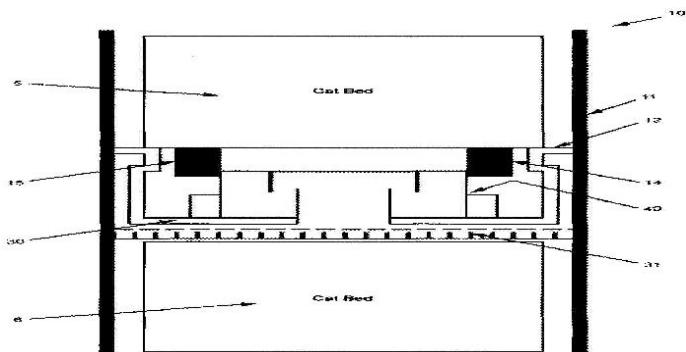
1)KEMOUN, ABDENOUR

2)SONG, STEVEN X.

(57) Abstract :

The present invention provides a novel means to provide more effective mixing of gas and fluids in a height constrained interbed space of a catalytic reactor without increasing pressure drop. In particular, the device improves the effectiveness of an existing mixing volume in mixing the gas phase and liquid phase of two-phase systems. According to the present invention, the mixing device helps create a highly arcuate flow to incoming effluents and a high degree of mixing within a constrained interbed space of a catalytic reactor.

Figure 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8525/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : TREATMENT OF NEURODEGENERATION AND NEUROINFLAMMATION

(51) International classification	:A01N 37/12
(31) Priority Document No	:61/173,797
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001282
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/126605
(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)BIOGEN IDEC MA INC.

Address of Applicant :14 CAMBRIDGE CENTER,
CAMBRIDGE, MA 02142, U.S.A.

(72)Name of Inventor :

1)MATVEY LUKASHEV

(57) Abstract :

Methods of treating a subject having a condition characterized by at least one of neurodegeneration and neuroinflammation are provided. Methods of reducing astrogliosis in a subject having a condition characterized by increased astrogliosis are also provided. Methods of providing neuroprotection to a subject in need thereof are also provided.

No. of Pages : 54 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8531/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ENHANCED DISPLAY OF IN-NETWORK CALLER INFORMATION ON A MOBILE DEVICE

(51) International classification	:H04W 4/20	(71) Name of Applicant :
(31) Priority Document No	:12/422,919	1)CEQUINT, INC.
(32) Priority Date	:13/04/2009	Address of Applicant :1011 WESTERN AVENUE, SUITE 800 SEATTLE, WASHINGTON 98104, U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/030251	(72) Name of Inventor :
Filing Date	:07/04/2010	1)MARK GOSSELIN
(87) International Publication No	:WO 2010/120607	2)RICK HENNESSEY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method for determining reporting to a subscriber whether an incoming call originates from inside or outside of a mobile carriers network. An example system performs a GTT (global title translation) on an incoming number to determine the hosting carrier of any mobile phone number. When the result matches the subscribers carrier, the mobile device then indicates to the subscriber (i.e. mobile device) that the call is an in network call.

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8553/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PRECOATED METAL PLATE HAVING EXCELLENT RESISTANCE TO CONTAMINATION, MANUFACTURING METHOD THEREFOR, AND SURFACE-TREATMENT LIQUID

(51) International classification	:B32B 15/08
(31) Priority Document No	:2009-117686
(32) Priority Date	:14/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP10/058485
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/131775
(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)NIPPON STEEL CORPORATION

Address of Applicant :6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN

(72)**Name of Inventor :**

1)HIROMASA NOMURA

2)TAKAO KANAI

(57) Abstract :

Provided is a precoated metal plate that can maintain photocatalytic contamination resistance and self-cleaning functionality over a long period of time. A surface-treatment liquid and a method for suitably manufacturing the precoated metal plate are also provided. The precoated metal plate has two or more photocatalytically active film layers formed on top of a precoated metal plate base material, which comprises a base metal plate with an organic resin coating layer on the surface thereof. The two or more film layers contain an inorganic-organic complex resin, a photocatalytically active substance, and inorganic plate-like particles. Said inorganic-organic complex resin comprises a condensate of an alkoxy silane selected from a set comprising the following and combinations thereof: an alkoxy silane having an organic group selected from a set comprising a C1-12 alkyl group, an aryl group, a carboxyl group, a hydroxyl group, and combinations thereof; an alkoxy silane having an epoxy group; an alkoxy silane having an amino group; and tetraalkoxy silane. The outermost film layer contains the largest amount of the photocatalytically active substance, and the amount of said substance in each layer is less the further inward that layer is.

No. of Pages : 59 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8554/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SPLIT-CYCLE AIR-HYBRID ENGINE WITH FIRING AND CHARGING MODE

(51) International classification	:F02B 33/22
(31) Priority Document No	:61/313,831
(32) Priority Date	:15/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/028278
Filing Date	:14/03/2011
(87) International Publication No	:WO 2011/115869
(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)SCUDERI GROUP, LLC

Address of Applicant :1111 ELM STREET, SUITE NO. 33,
WEST SPRINGFIELD, MA 01089, U.S.A.

(72)Name of Inventor :

1)RICCARDO MELDOLESI

2)NICHOLAS BADAIN

3)IAN GILBERT

(57) Abstract :

A split-cycle air-hybrid engine comprising: a crankshaft rotatable about a crankshaft axis; a compression piston slidably received within a compression cylinder and operatively connected to the crankshaft such that the compression piston reciprocates through an intake stroke and a compression stroke during a single rotation of the crankshaft; an intake valve selectively controlling air flow into the compression cylinder; an expansion piston slidably received within an expansion cylinder and operatively connected to the crankshaft such that the expansion piston reciprocates through an expansion stroke and an exhaust stroke during a single rotation of the crankshaft; a crossover passage interconnecting the compression and expansion cylinders, the crossover passage including a crossover compression (XovrC) valve and a crossover expansion (XovrE) valve defining a pressure chamber therebetween; an air reservoir operatively connected to the crossover passage and selectively operable to store compressed air from the compression cylinder; and an air reservoir valve selectively controlling air flow into and out of the air reservoir; the engine being operable in a Firing and Charging (FC) mode, wherein, in the FC mode, the air reservoir valve is kept closed until the XovrE- valve is substantially closed during a single rotation of the crankshaft such that the expansion cylinder is charged with compressed air before the air reservoir is charged with compressed air.

No. of Pages : 43 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8548/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PELLETS AND BRIQUETTES FROM COMPACTED BIOMASS

(51) International classification	:C10L 5/40
(31) Priority Document No	:61/181,101
(32) Priority Date	:26/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036079
Filing Date	:25/05/2010
(87) International Publication No	:WO 2010/138514
(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)AMERICAN PELLET SUPPLY LLC

Address of Applicant :P.O. BOX 305, CARLISLE INDIANA
47838, U.S.A.

(72)**Name of Inventor :**

1)MYERS, MICHAEL, B.

2)HOOD, JAY, J.

(57) Abstract :

Certain disclosed pellets, briquettes, and other compacted products contain multiple components and have a composition tailored to meet specific requirements for a given application. Frequently, at least one of the components is a biomass component. The compacted biomass products can be used in various applications including power generation, animal bedding, and waste absorbent. One particular embodiment involves using compacted body or mass as a fuel supplement or fuel replacement for coal or other fossil fuel(s) in co-firing power plants. Other specific applications include bedding for various animals including fowl, horses, and rabbits. Another application comprises pelletized absorbents such as cat litter for absorbing liquid and/or solid waste products.

No. of Pages : 32 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8571/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PAIR OF OPHTHALMIC SPECTACLES FOR CHARACTERIZING A CONVERGENCE OF THE EYES OF A WEARER

(51) International classification	:A16B 3/113	(71) Name of Applicant : 1)ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE) Address of Applicant :147 RUE DE PARIS, F-94220 CHARENTON LE PONT, FRANCE
(31) Priority Document No	:09 53126	
(32) Priority Date	:12/05/2009	
(33) Name of priority country	:France	
(86) International Application No	:PCT/FR2010/050893	
Filing Date	:07/05/2010	
(87) International Publication No	:WO 2010/130931	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BONNIN, THIERRY 2)BROSSIER, THIBAULT 3)ROSSEAU, BENJAMIN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to ophthalmic spectacles for characterizing a convergence of the eyes (100, 200) of a wearer. Each lens (1,2) of the spectacles is provided with output sections for guiding a radiation towards the side areas (ZD1, ZG1, ZD2, ZG2) of an eye of the carrier, in which the right and left portions of the corneal margin (L) of said eye are in motion. The lens further comprises input sections for collecting the portions of said radiation reflected in said side areas of the eye. A computing unit is also combined with the spectacles in order to determine the convergence of the eyes of the wearer from detection signals measuring the portions of the radiation that are simultaneously collected by the input sections of the two lenses.

No. of Pages : 33 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8575/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SPRING MOTOR FOR DRIVE COVERINGS FOR ARCHITECTURAL OPENINGS

(51) International classification

:F03G 1/00

(31) Priority Document No

:12/427,132

(32) Priority Date

:21/04/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/031690

Filing Date

:20/04/2010

(87) International Publication No

:WO 2010/123853

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

NA

No. of Pages : 106 No. of Claims : 14

(71)Name of Applicant :

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2)FISHER, ROBERT, E, II

3)FRASER, DONALD, E

4)HAARER, STEPHEN, R

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8576/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CUTTING INSERT AND INDEXABLE FACE MILL

(51) International classification	:B23C 5/20
(31) Priority Document No	:2009-142826
(32) Priority Date	:16/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059971
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/147065
(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)TUNGALOY CORPORATION

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(72)Name of Inventor :

1)KAZUYUKI UNO

2)NAOTO NISHIYA

(57) Abstract :

A pair of sub-flank surfaces is formed at a vertex angle portion of an insert body having a substantially polygonal, plate-like shape, and between the sub flank surfaces, a vertex flank surface at a vertical angle portion is formed substantially in a protrusive, curved shape, and is smoothly connected to the sub-flank surfaces in a tangential direction. The vertex flank surface at the vertex angle portion is extended across the entire thickness of the insert body, and boundary lines, between the vertex flank surface at the vertex angle portion and a pair of minor cutting edges, are parallel to each other. A curved ridge line, which is formed at the intersecting ridge line portion between (i) the flank surface and (ii) the rake surface, and the curved ridge line, which is formed at the intersecting ridge line portion between (i)the flank surface and (ii)the seat surface, have approximately same shape. Fig. 4

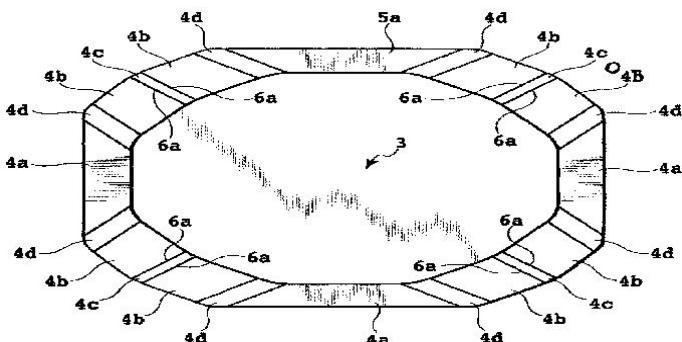


FIG.4

No. of Pages : 37 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8577/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PERI-CRITICAL REFLECTION SPECTROSCOPY DEVICES, SYSTEMS, AND METHODS

(51) International classification	:G01N 21/27
(31) Priority Document No	:61/167,505
(32) Priority Date	:07/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030299
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/118175
(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)MESSERSCHMIDT ROBERT G.

(57) Abstract :

Spectroscopy apparatuses oriented to the critical angle of the sample are described that detecting the spectral characteristics of a sample wherein the apparatus consists of an electromagnetic radiation source adapted to excite a sample with electromagnetic radiation introduced to the sample at a location at an angle of incidence at or near a critical angle of the sample; a transmitting crystal in communication with the electromagnetic radiation source and the sample, the transmitting crystal having a high refractive index adapted to reflect the electromagnetic radiation internally; a reflector adapted to introduce the electromagnetic radiation to the sample at or near an angle of incidence near the critical angle between the transmitting crystal and sample; and a detector for detecting the electromagnetic radiation from the sample. Also, provided herein are methods, systems, and kits incorporating the peri-critical reflection spectroscopy apparatus.

No. of Pages : 64 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8556/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AIR OPERATED DIAPHRAGM PUMP WITH ELECTRIC GENERATOR

(51) International classification	:F04B 9/133
(31) Priority Document No	:61/176,754
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034211
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/129943
(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)MARK D. MCCOURT

(57) Abstract :

An air operated double diaphragm pump comprises an integrated electric generator and an air efficiency device. The integrated electric generator increases the portability of the air operated double diaphragm pump. The air efficiency device varies the amount of compressed fluid entering the pump between a high volume and a low volume dependent upon the velocity and position of the pump's diaphragm assemblies to optimize the pump's efficient use of the compressed air.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8586/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A METHOD FOR IMPROVING THE RESPONSIVENESS OF A CLIENT DEVICE

(51) International classification

:G06F 17/30

(31) Priority Document No

:0906004.7

(32) Priority Date

:07/04/2009

(33) Name of priority country

:U.K.

(86) International Application No

:PCT/GB2010/050602

Filing Date

:07/04/2010

(87) International Publication No

:WO 2010/116187

(61) Patent of Addition to Application

:NA

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)KNIGHT, MARK

2)VIDAL, JAUME

3)BEDWELL, ED

4)EDWARDS, DUNCAN

5)SULLIVAN, MARK

6)LAMB, MICHAEL

(57) Abstract :

A method for improving the responsiveness of a client application by providing that application with a local database which is a replicated subset of a database held on a remote server.

No. of Pages : 15 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8587/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ENABLING DIGITAL MEDIA CONTENT TO BE DOWNLOADED TO AND USED ON MULTIPLE TYPES OF COMPUTING DEVICE

(51) International classification

:G06F 17/30

(31) Priority Document No

:0906004.7

(32) Priority Date

:07/04/2009

(33) Name of priority country

:U.K.

(86) International Application No

:PCT/GB2010/050596

Filing Date

:07/04/2010

(87) International Publication No

:WO 2010/116181

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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1)KNIGHT, MARK

2)VIDAL, JAUME

3)BEDWELL, ED

4)EDWARDS, DUNCAN

5)SULLIVAN, MARK

6)LAMB, MICHAEL

(57) Abstract :

The invention is a method for enabling digital content to be downloaded to and used on multiple types of computing device by (i) linking user accounts on each device to a master user account defined and stored on a remote server; and (ii) managing the user's access to a defined service using his devices via the said master user account; and (iii) allowing the download of digital content to each said device on which the user is permitted to access the said service using a file format which is appropriate for use on each said device type. A user may manage and access the same user account from multiple types of computing devices. Furthermore, the number of device platforms accessible in a similar manner by the user is extensible and the user's information is kept automatically synchronized across all devices.

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8588/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND DEVICE FOR UPDATING THE DATE AND TIME OF AN ELECTRONIC SYSTEM, IN PARTICULAR A CELLULAR MOBILE TELEPHONE

(51) International classification	:H04L 29/08
(31) Priority Document No	:0952989
(32) Priority Date	:05/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/055961
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/128010
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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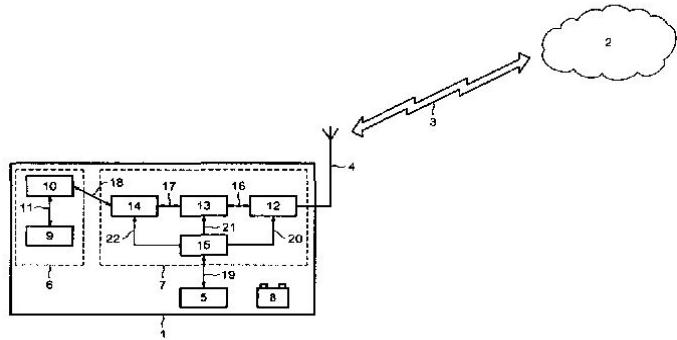
(72)Name of Inventor :

1)ROSAY, ARNAUD

(57) Abstract :

Device for updating the date and time of an electronic system (1), said device comprising connection means (12) for connecting the electronic system with an assisted global positioning system (2), recovery means (13) for recovering assistance data emitted by the assisted global positioning system (2), determination means (14) for determining the current date and time of the electronic system based on said recovered assistance data, and control means (15) capable of activating the connection (12), recovery (13) and determination (14) means. FIG.1

FIG.1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8589/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR PROCESSING PACKETS OF THE IP TYPE INTENDED TO BE CARRIED OVER A COMMUNICATIONS CHANNEL OF A WIRELESS NETWORK, AND EQUIPMENT FOR SAME

(51) International classification	:H04L 12/46
(31) Priority Document No	:0953015
(32) Priority Date	:06/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/055960
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/128009
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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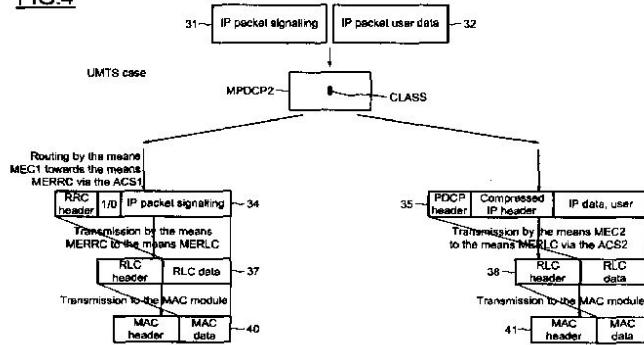
(72)Name of Inventor :

1)SFAR, SAFOUANE

(57) Abstract :

Method for processing packets of the IP type within equipment (ASF) of a wireless communications network comprising an encapsulation of the packets within frames carried over a communications channel of the wireless network. The said encapsulation comprises a first encapsulation of the signalling packets of the IP type within a frame of a first type (33, 34, RRC) containing an indication associated with this type of packet, then an additional encapsulation of the said frame of the first type within a frame of a second type (37, 39, RLC) different from the first type, and a second encapsulation of the packets transporting the user data of the IP type within a frame of a third type (35, PDCP) then an additional encapsulation of the said frame of the third type within a frame of the second type (38, RLC). FIG.4

FIG.4



No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8578/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR PREPARING PYRROLIDINIUM SALTS

(51) International classification	:C07D 207/12
(31) Priority Document No	:61/167,977
(32) Priority Date	:09/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/054610
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/115937
(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)ALLMENDINGER THOMAS

(57) Abstract :

A two step process for preparing a compound of formula (I) in salt or zwitterionic form, wherein R1 and R2 are each independently C3-C8-cycloalkyl or C6-C10-aryl; and R3 and R4 are each independently C1-C8-alkyl. The process minimizes variation in the relative proportions of diastereoisomers.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8582/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : VENTILATOR AUTOCLAVE

(51) International classification	:A61L 2/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2009/050500
Filing Date	:07/05/2009
(87) International Publication No	:WO 2010/128907
(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)GETINGE STERILIZATION AB

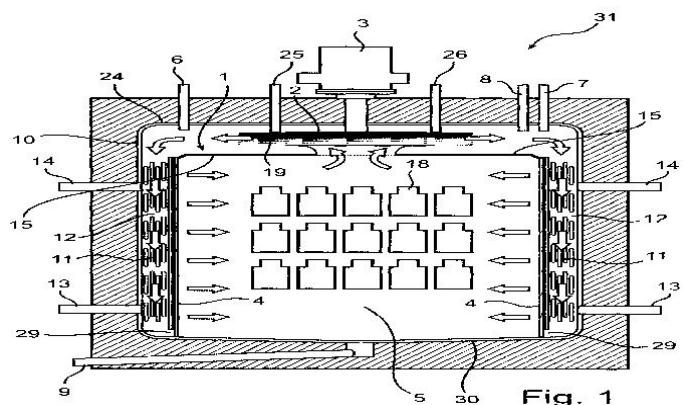
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(72)Name of Inventor :

1)STORBERG, BENGT

(57) Abstract :

The present invention relates to a ventilator autoclave comprising a chamber (1) with a space (5) for receiving goods (18) to be sterilized, at least one fan arrangement (2) for circulating steam and/or air in said chamber, and at least one first heat exchanger arrangement (11) for cooling and/or heating said steam and/or air, wherein said fan arrangement is arranged and configured to circulate said steam and/or air in said chamber (1), wherein said chamber (1) is configured such that said steam and/or air that is circulated in said chamber (1) follows a flow path passing at least a part of said first heat exchanger arrangement (11) before reaching said goods (18) to be sterilized, wherein said autoclave further comprises at least one second heat exchanger arrangement (19) that is provided upstream of said first heat exchanger arrangement (11) in said flow path, and wherein said second heat exchanger arrangement (19) is provided at such a distance from the periphery of said fan arrangement (2) that said flow of steam and/or air being circulated by said fan arrangement has a tangential velocity component, as seen in relation to the fan arrangement, when it passes said second heat exchanger arrangement (19). Elected for publication: Fig 1



No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8594/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CAPTURING AND LOADING OPERATING SYSTEMS STATES

(51) International classification	:G06F 9/22
(31) Priority Document No	:12/435,737
(32) Priority Date	:05/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031457
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/129159
(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)CARPENTER, TODD L.

3)KULKARNI, HARISH S.

(57) Abstract :

Operating system states capture and loading technique embodiments are presented that involve the capture and loading of baseline system states. This is accomplished, in one embodiment, by storing the states of a computer's operating system memory that it is desired to restore at a future time. No changes are permitted to the persisted storage associated with the computer. Instead, changes that would have been made to the persisted storage during an ensuing computing session, had they not been prevented, are stored in a separate computing session file. Whenever it is desired to return the operating system to its baseline condition, the stored baseline system memory states are loaded into the operating system memory, in lieu of the operating system memory's current states.

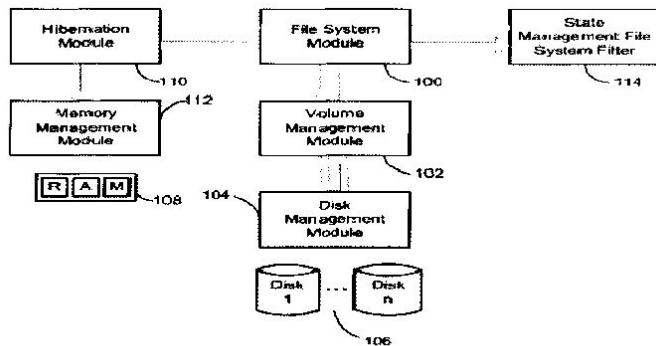


FIG. 1

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8596/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DISTRIBUTION AND COLLECTION HEAD FOR HEATING RADIATORS WITH PIPES, AND MANUFACTURING METHOD

(51) International classification	:F28D 1/053
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT2009/000209
Filing Date	:12/05/2009
(87) International Publication No	:WO 2010/131272
(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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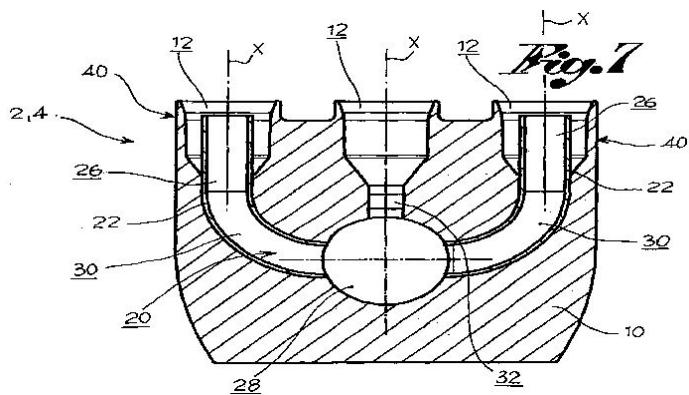
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(72)Name of Inventor :

1)PELIZZOLA, CARLO

(57) Abstract :

A (2,4) distribution and collection head for a heating radiator with pipes has an inner duct (20) fitted with a tubular insert (22). The body of the head is in die-cast aluminium alloy; the insert is in steel. In addition, the pipes are connected to the head by forced coupling, using the pipe extremity shaped in the form of a Morse cone.



No. of Pages : 21 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8597/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : POWDERED SOLID COSMETIC AND MANUFACTURING METHOD THEREFOR

(51) International classification	:A61K 8/42
(31) Priority Document No	:2009-099938
(32) Priority Date	:16/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056852
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/119954
(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)KURAHASHI, TAKUMA

4)KUSABA, KENTARO

5)SHIRAO, SACHIKO

(57) Abstract :

An object of the present invention is to provide a solid powder cosmetic having an excellent effect of preventing makeup running and oily shining, and having a satisfactory long-lasting makeup effect. A solid powder cosmetic comprising: a powder component, an oily component as a binder, and an amide mixture obtained by amidating a mixture of hexamethylenediamine and bisaminomethylcyclohexane with hydrogenated castor oil fatty acids. It is suitable for the solid powder cosmetic that an amount of the amide mixture is 1.0% to 15% by mass. It is suitable for the solid powder cosmetic to comprise 1% to 20% by mass of spherical poly(meth)acrylate particles as the powder component. It is suitable for the solid powder cosmetic to further comprise an organically modified clay mineral in an amount of 1.0% to 15% by mass as a total amount with the amide mixture. It is also suitable for the solid powder cosmetic to comprise 5% to 97% by mass of fluorine compound-treated powder as the powder component.

No. of Pages : 82 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8598/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : P38 KINASE INHIBITING AGENTS

(51) International classification	:C07D 403/00
(31) Priority Document No	:61/175,474
(32) Priority Date	:05/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032345
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/129208
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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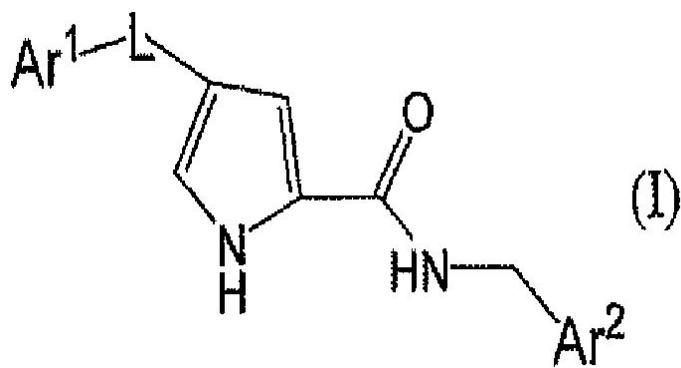
2)SAHOO, SOUMYA, P.

3)YANG, GINGER XU-QIANG

4)MILLER, DANIEL, J.

(57) Abstract :

Compounds described by the chemical formula (I) or pharmaceutically acceptable salts thereof: Formula (I); are inhibitors of p38 and are useful in the treatment of inflammation such as in the treatment of asthma, COPD, ARDS, rheumatoid arthritis, rheumatoid spondylitis, osteoarthritis, gouty arthritis and other arthritic conditions; inflamed joints, eczema, psoriasis or other inflammatory skin conditions such as sunburn; inflammatory eye conditions including conjunctivitis; pyresis, pain and other conditions associated with inflammation.



No. of Pages : 74 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8600/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NEW METHODS FOR TREATMENT OF INFLAMMATORY DISEASES

(51) International classification	:A61K 39/395
(31) Priority Document No	:0950228-7
(32) Priority Date	:08/04/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050377
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/117325
(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)LINDQUIST, SUSANNE

3)LUNDBERG, LENNART GUSTAV

(72)Name of Inventor :

1)HERNELL, OLLE

2)LINDQUIST, SUSANNE

3)LUNDBERG, LENNART GUSTAV

(57) Abstract :

The present invention provides methods and pharmaceutical compositions comprising antagonists to the protein Bile Salt-Stimulated Lipase (BSSL) for the prevention, prophylaxis and treatment of inflammatory diseases, such as rheumatoid arthritis. The invention further relates to pharmaceutical compositions comprising BSSL antagonists and their use in methods for the prevention, prophylaxis and treatment of inflammatory diseases, such as rheumatoid arthritis. Suitable BSSL antagonists to be used according to the invention are BSSL antibodies.

No. of Pages : 79 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8602/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : GROWING UP MILKS CONTAINING PROBIOTIC MICRO-ORGANISMS

(51) International classification	:A61K 35/76
(31) Priority Document No	:09159925.8
(32) Priority Date	:11/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056399
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/133472
(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)NESTEC S.A.

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VEVEY, SWITZERLAND

(72)**Name of Inventor :**

1)MERCENIER, ANNICK

2)NUTTEN, SOPHIE

3)PRIOULT, GUENOLEE

(57) Abstract :

The present invention relates to the field of nutrition for infants and young children. In particular, the present invention relates to growing-up milks comprising probiotic micro-organisms to be administered to infants and young children older than 10 months. These probiotic micro-organisms may be non-replicating probiotic micro-organisms such as bioactive heat treated probiotic micro-organisms, for example.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8607/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MULTIPONT SENSING SYSTEM

(51) International classification	:G08B 13/04
(31) Priority Document No	:12/469,787
(32) Priority Date	:21/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030337
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/135038
(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 :140 BUSINESS PARK DRIVE,
WINSTON-SALEM, NORTH CAROLINA 27107, U.S.A.

(72)Name of Inventor :

1)FINCH, JOHN GERARD

2)XU, JIAN

(57) Abstract :

A self-powered energy harvesting unit/controller receives motion data from one or more self-powered sensors via low power wire. The energy harvesting unit sends signals wirelessly to a system to perform certain functions as a result of received motion signals or the absence of such motion signals. FIG. 1

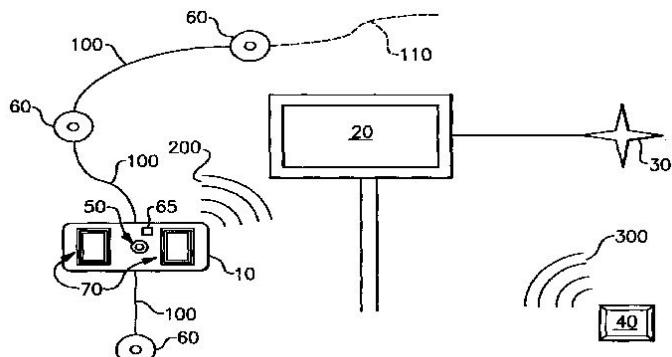


FIG.1

No. of Pages : 9 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8620/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : URINE COLLECTION BAG

(51) International classification	:A61F 5/451	(71) Name of Applicant :
(31) Priority Document No	:PA 2009 00607	1)COLOPLAST A/S
(32) Priority Date	:12/05/2009	Address of Applicant :HOLTEDAM 1, DK-3050
(33) Name of priority country	:Denmark	HUMLEBAEK, Denmark
(86) International Application No	:PCT/DK2010/050102	(72) Name of Inventor :
Filing Date	:12/05/2010	1)ALLAN TANGHOEJ
(87) International Publication No	:WO 2010/130261	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A urine collection bag comprising - an end with an opening at the top and a closed bottom at an opposite end defining a longitudinal direction of the bag between the opening and the bottom and a transverse direction of the bag transverse to the longitudinal direction, - an inlet at the opening extending from the opening and a length into the bag, - the inlet being an anti-reflux valve in form of a foil-valve with four layers of foil welded together in the longitudinal direction defining a width of the inlet between the welds in the transverse direction and the length of the inlet as a length of the foils in the longitudinal direction, - wherein a relationship between a most narrow width of the inlet and the length of the inlet is such that the length is more than 2.5 times the width.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8623/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A METHOD AND KIT OF PARTS FOR DECONTAMINATING A MATTRESS OR OTHER EFFECTS

(51) International classification	:A01M 17/00
(31) Priority Document No	:0906754.7
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050644
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/122334
(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)COLIN SMITH

(57) Abstract :

The invention relates to a method for decontaminating a mattress (14) or other effect of bed bugs comprising the steps of: o Placing the mattress or other effect in a hermetically sealable container (10) of a size and shape commensurate with that of the mattress or other effect; o Inserting an appropriate quantity of an oxygen scavenger (16) into the container; o Hermetically sealing the container so as to prevent ingress of oxygen; and o Leaving it for a time sufficient for the oxygen levels to be depleted to less than 0.2% and the bed bugs and their eggs and larvae to be destroyed. It also relates to a kit of parts for implementing the method. Fig 1

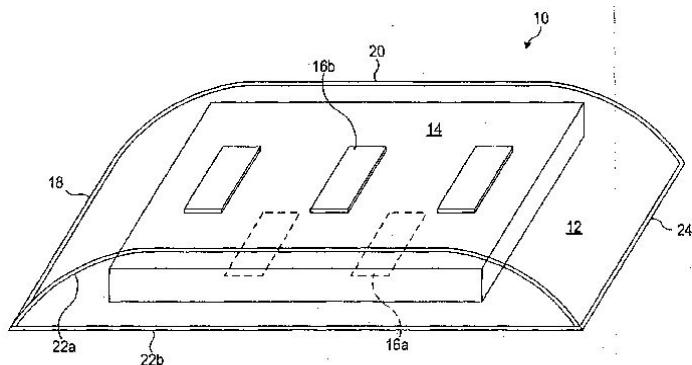


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8627/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HIGH VOLTAGE RESONATOR-AMPLIFIER WITH AN OPTIMIZED STRUCTURE FOR
RADIOFREQUENCY IGNITION SYSTEM

(51) International classification	:H01T 13/44	(71) Name of Applicant :
(31) Priority Document No	:0952443	1)RENAULT S.A.S.
(32) Priority Date	:14/04/2009	Address of Applicant :13-15, QUAI LE GALLO, F-92100 BOULOGNE BILLANCOURT, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/050246	1)XAVIER JAFFREZIC
Filing Date	:15/02/2010	2)MARC PARIENTE
(87) International Publication No	:WO 2010/119197	3)ANDRE AGNERAY
(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 high voltage resonator-amplifier for a radiofrequency ignition system which can be used in an internal combustion engine, said resonator-amplifier including at least two electrodes (11, 12), a coil (2) arranged in alignment with the electrodes along a longitudinal axis (Z), and linking means (3) retaining the coil (2) and the electrodes (11,12) in a relatively fixed position. According to the invention, the coil (2) is wound around a closed bend (K) which in turn wraps around the longitudinal axis (Z).

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8630/DELNP/2011 A

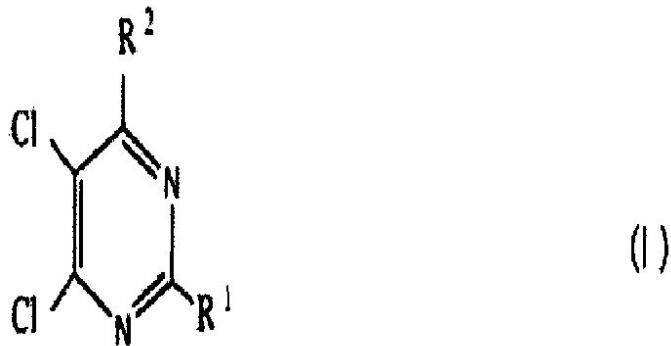
(43) Publication Date : 15/02/2013

(54) Title of the invention : TRIALLYL ISOCYANURATE TRIALLYL CYANURATE AND PROCESS FOR PRODUCING TRIALLYL ISOCYANURATE

(51) International classification	:C07D 251/34	(71) Name of Applicant : 1)NIPPON KASEI CHEMICAL COMPANY LIMITED Address of Applicant :34, AZA-TAKAYAMA, ONAHAMA, IWAKI-SHI, FUKUSHIMA-KEN, JAPAN
(31) Priority Document No	:2009-125333	
(32) Priority Date	:25/05/2009	
(33) Name of priority country	:Japan	
(86) International Application No Filing Date	:PCT/JP2010/058565 :20/05/2010	
(87) International Publication No	:WO 2010/137517	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides triallyl isocyanurate comprising a less amount of corrosive substances by identifying the corrosive substances among impurities included in the triallyl isocyanurate. Triallyl isocyanurate of the present invention comprises an organic chlorine compound represented by the following general formula (I) in an amount of not more than 100 ppm: wherein R1 and R2 are respectively a chlorine atom or an allyoxy group with the proviso that at least one of R1 and R2 is a chlorine atom.



(I)

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8635/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : WHITE LED FOR LIQUID CRYSTAL DISPLAY BACKLIGHTS

(51) International classification	:H01L 33/50
(31) Priority Document No	:61/173,184
(32) Priority Date	:27/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032554
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/129271
(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)WILLIAM DUNN
2)HARRY PRESLEY**

(57) Abstract :

A light emitting diode (LED), method for optimizing an LED having characteristics which are tailored for a liquid crystal color filter set, and a liquid crystal display (LCD) using the LED are disclosed. The spectral response of the LED is optimized to provide the preferred optical properties when its light is transmitted through the color filter set and liquid crystal stack. Embodiments provide a diode chip which intrinsically emits light with wavelengths primarily within the blue visible spectrum ('blue chip'). Surrounding the chip would be a first layer of phosphor that emits light with wavelengths primarily within the yellow-green region of the visible spectrum via phosphorescence with the blue light which is emitted from the diode chip ('yellow-green phosphor'). There would also preferably be a second layer of phosphor that emits light with wavelengths primarily within the red region of the visible spectrum via phosphorescence with the blue light which is emitted from the diode chip ('red phosphor').

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8638/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SHAPE DISCRIMINATION VISION ASSESSMENT AND TRACKING SYSTEM

(51) International classification	:A61B 3/02
(31) Priority Document No	:61/176,885
(32) Priority Date	:09/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034084
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/132304
(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)MICHAEL BARTLETT

2)YI-ZHONG WANG

(57) Abstract :

A handheld vision tester and a method of self-testing vision of a user of the handheld vision tester are provided. The method ensures that a display of the handheld vision tester is within an acceptable distance to eyes of the user. Variations of the acceptable distance are compensated for. The method further displays different shapes, either dynamically or statically, on the display to the user. The method also allows for input to the handheld vision tester by the user in response to the different shapes displayed. Results of the self-test are determined from the inputs to the handheld tester by the user.

No. of Pages : 61 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8641/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A MEMBRANE PUMP

(51) International classification	:F04B 43/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2009/050514
Filing Date	:08/05/2009
(87) International Publication No	:WO 2010/128914
(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)XAVITECH AB

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HARNOSAND, SWEDEN

(72)Name of Inventor :

1)JONATHAN GRIP

(57) Abstract :

A membrane pump (1) comprising, a pump housing, a membrane (4), which is mounted to the pump housing and delimits a pump chamber (8) inside the pump housing, an inlet (5) and an outlet (6) for feeding medium into and out from the pump chamber, and actuating means (7) for moving the membrane back and forth between a first and a second position. The membrane, the inlet and the outlet are arranged in a first part (2) of the pump housing, the first part being detachably connected to a second part (3) of the pump housing, in which the actuating means is arranged. The membrane is detachably connected to the actuating means by means of a magnetic coupling, which comprises a first magnetic coupling part (9) fixed to the membrane and a corresponding second magnetic coupling part (10) fixed to the actuating means. (Fig 1)

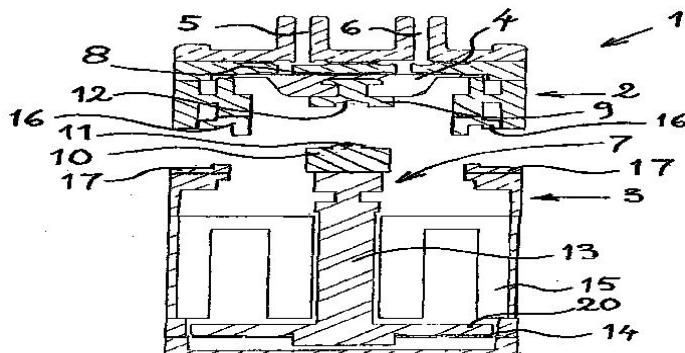


Fig 1

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8642/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR MANUFACTURING GRANULES FROM POWDER MATERIALS

(51) International classification	:B01J 2/00
(31) Priority Document No	:09161823.1
(32) Priority Date	:03/06/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/057733
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/139739
(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)ARC INTERNATIONAL

(72)**Name of Inventor :**

1)BENOIT CHERDON

2)RODOLPHE DELAVAL

(57) Abstract :

The present invention relates to a process for the wet production of granules from powdered materials, in particular raw materials for the production of glass. The process of the invention comprises the following successive steps: (i) the powdered materials to be granulated are divided into at least two portions: a first portion and a second portion; (ii) a binder liquid is added to the first portion of powdered materials; (iii) the first mixture thus obtained is agglomerated in the granulator in order to obtain granules (a); (iv) the second portion of powdered materials is added to the granulator; and (v) the new mixture obtained is agglomerated in the granulator in order to obtain granules (b). This sequenced granulation process allows granules to be obtained that have a degree of moisture that assures their stability and their ease of handling eliminating the drying step.

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8644/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HIGH ELONGATION FIBRES

(51) International classification	:E04C 5/01
(31) Priority Document No	:09162570.7
(32) Priority Date	:12/06/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/058292
Filing Date	:14/06/2010
(87) International Publication No	:WO 2010/142807
(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)NV BEKAERT SA

Address of Applicant :BEKAERTSTRAAT 2, B-8550 ZWEVEGEM, BELGIUM

(72)Name of Inventor :

1)ANN LAMBRECHTS

(57) Abstract :

Steel fibre adapted for reinforcing the matrix-material of conventional concrete, has ends which are anchoring with the concrete. The steel fibre has an elongation at maximum load of at least 2.5 %. The steel fibre is particularly adapted to reinforce load carrying concrete structures.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8649/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : YOGA DEVICE

(51) International classification	:A63B 23/18
(31) Priority Document No	:PCT/IN2009/000323
(32) Priority Date	:05/06/2009
(33) Name of priority country	:India
(86) International Application No	:PCT/IN2009/000323
Filing Date	:05/06/2009
(87) International Publication No	:WO 2010/140158
(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)GHOSH, ASHIM

Address of Applicant :C-6/6046 VASANT KUNJ, NEW DELHI 110070 INDIA

(72)Name of Inventor :

1)GHOSH, ASHIM

(57) Abstract :

A device, for performing certain ancient yogic breathing practices of Pranayam without involving the use of hands, is controlled by a programmable controlling unit. The device is integrated onto the frame of a supporting base, worn on the nose, and uses battery-operated artificial fingers to block or unblock nostrils in programmable patterns, cycles and durations. This facilitates a precise and hands-free routine of alternate nostril breathing or single nostril breathing, in the most precise style, following techniques of ancient yogic Pranayam. The sensors of the device sense/measure the force and flow of the breath into and out of each nostril, and can automate and synchronise the artificial fingers to the normal breathing pattern of the user.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8650/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A METHOD FOR PREVENTING PRESSURE PEAKS IN A WORKING MEDIUM CIRCUIT WITH A HYDRODYNAMIC MACHINE

(51) International classification	:B60T 10/02	(71) Name of Applicant :
(31) Priority Document No	:10 2009 016 816.8	1)VOITH PATENT GMBH
(32) Priority Date	:09/04/2009	Address of Applicant :ST. POLTENER STR. 43, 89522
(33) Name of priority country	:Germany	HEIDENHEIM GERMANY
(86) International Application No	:PCT/EP2010/002162	(72) Name of Inventor :
Filing Date	:07/04/2010	1)LAUKEMANN, DIETER
(87) International Publication No	:WO 2010/115609	2)BETZ, JURGEN
(61) Patent of Addition to Application Number	:NA	3)GEIER, THOMAS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for avoiding pressure peaks in a working medium circuit, in which a hydrodynamic machine is operated, with - the hydrodynamic machine comprising a primary wheel and a secondary wheel which jointly form a toroidal working chamber which can be filled and discharged via a working medium inlet and a working medium outlet in order to transmit torque hydrodynamically from the primary wheel to the secondary wheel. The invention is characterized in that - during the activation and deactivation of the hydrodynamic machine the change speed of the flow cross section for working medium which flows into the working chamber and/or out of the same is changed depending on a predetermined input variable.

No. of Pages : 25 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8651/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : REFRACTORY LINING FOR TITANIUM ORE BENEFICIATION

(51) International classification	:F27D 1/00
(31) Priority Document No	:61/175,619
(32) Priority Date	:05/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033678
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/129643
(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)BARNES, JOHN, JAMES

2)NGUYEN, DAT

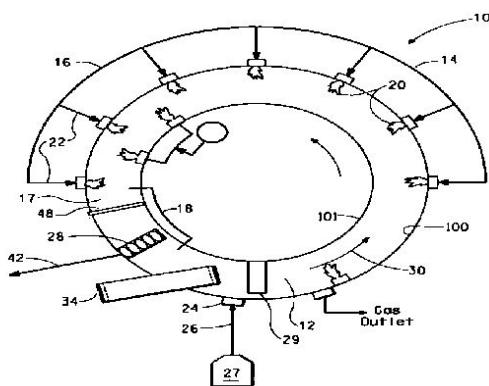
3)HILL, PETER

4)SCHICKLING, JAY, SCOTT

(57) Abstract :

The disclosure relates to a refractory which is resistant to corrosion which degrades the refractory during titanium-ore beneficiation in a furnace, particularly a rotary hearth furnace. In particular, the disclosure relates to a layered refractory lining for a furnace, for use in a titanium ore beneficiation process wherein a titanium oxide-rich molten slag is formed, comprising: (a) a first layer comprising a major proportion of alumina and a minor proportion of zirconia; (b) a second layer comprising a resistant agent for the molten slag; wherein the second layer is between the slag and the first layer. FIG. 1

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8654/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BIOMARKER ANTIBODY AND DIAGNOSIS DEVICE FOR DETECTING CERTAIN AUTOIMMUNE DISEASES

(51) International classification	:C07K 16/20	(71) Name of Applicant :
(31) Priority Document No	:09/02240	1)INFYNITY BIOMARKERS
(32) Priority Date	:07/05/2009	Address of Applicant :40, AVENUE GUY DE COLLONGUE, 69130 ECULLY (FR) France
(33) Name of priority country	:France	2)HOSPICES CIVILS DE LYON
(86) International Application No	:PCT/FR2010/000349	3)UNIVERSITE CLAUDE BERNARD LYON I
Filing Date	:06/05/2010	4)CENTRE NATIONAL DE LA RECHERCHE
(87) International Publication No	:WO 2010/128223	SCIENTIFIQUE
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ZREIN, MAAN
(62) Divisional to Application Number	:NA	2)VANHEMS, PHILIPPE
Filing Date	:NA	

(57) Abstract :

The invention relates to novel antibodies which specifically bind to a peptide comprising the sequence Ala-Ala-Ala-Pro-Ala-Lys-Ala-Ala-Ala-Pro-Ala-Lys-Thr-Ala-Ala-Ala-Pro-Val (SEQ ID No. 1), and which are not induced in a host following the infection of the host with T. cruzi.

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8655/DELNP/2011 A

(43) Publication Date : 15/02/2013

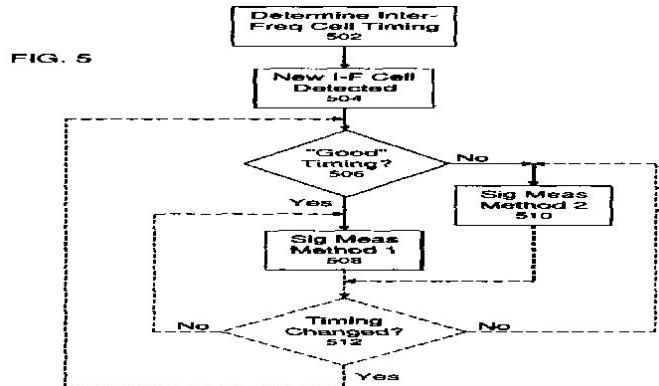
(54) Title of the invention : ADAPTIVE SIGNAL POWER MEASUREMENT METHODS AND APPARATUS

(51) International classification	:H04B 17/00
(31) Priority Document No	:12/421,104
(32) Priority Date	:09/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/054094
Filing Date	:29/03/2010
(87) International Publication No	:WO 2010/115748
(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)FLORDELIS, JOSE
3)LINDOFF, BENGT

(57) Abstract :

Methods and apparatus in a mobile receiver for selecting among methods of estimating a received power of at least one signal. A method includes selecting a first method or a second method of measuring the received power based on a cell timing and a measurement interval. Information is received from a first base station about the measurement interval during which to perform the first method and the second method on a signal transmitted by at least one second base station. The timing of the at least one second base station is determined, and based on the timing of the at least one second base station and the measurement interval, one of the first method and the second method is selected.



No. of Pages : 20 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8658/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF A PROPARGYLIC ALCOHOL

(51) International classification	:C07C 213/00
(31) Priority Document No	:09005215.0
(32) Priority Date	:09/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/002225
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/115639
(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 LTD.

Address of Applicant :MUNCHENSTEINERSTRASSE 38,
4052 BASEL (CH) Swaziland

(72)Name of Inventor :

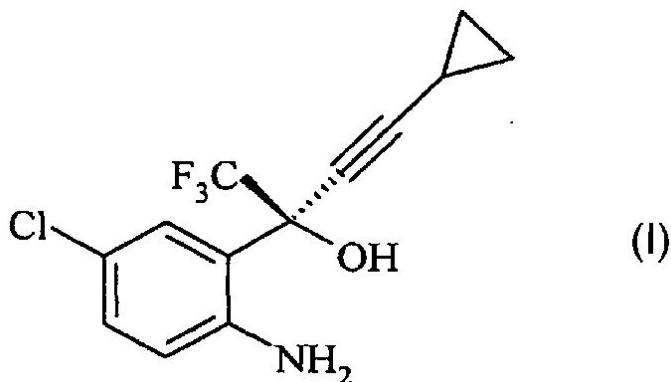
1)CARREIRA, ERICK

2)CHINKOV, NICKA

3)WARM, ALEKSANDER

(57) Abstract :

A process for the preparation of the compound of formula (I).



No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8660/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SEPARATION OF REACTIVE CELLULOSE FROM LIGNOCELLULOSIC BIOMASS WITH HIGH LIGNIN CONTENT

(51) International classification	:C08H 8/00
(31) Priority Document No	:61/172,048
(32) Priority Date	:23/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000581
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/121366
(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)GREENFIELD ETHANOL INC.

Address of Applicant :20 TORONTO STREET, SUITE 1400, TORONTO, ONTARIO M5C 2B8, CANADA

(72)Name of Inventor :

1)DOTTORI, FRANK, A.

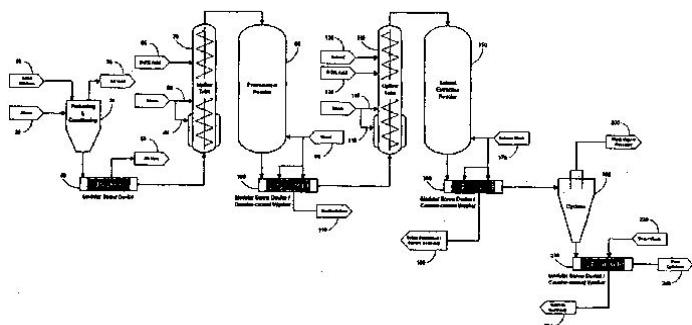
2)BENSON, ROBERT, ASHLEY, COOPER

3)BENECH, REGIS-OLIVIER

(57) Abstract :

A process for separating the components of lignocellulosic biomass for the purpose of producing a pure reactive cellulose is disclosed. The process has two stages. In the first stage, the lignocellulosic biomass is pretreated with steam, with or without an acid catalyst and then pressed, with or without the presence of an eluent, to remove hemicellulose and other impurities. In the second stage, the pretreated biomass is extracted with a solvent such as ethanol with or without acid catalysts in order to remove lignin and release a purified cellulose stream. The extracted cellulose is then rapidly decompressed to rupture the fibrous structure. The process provides a purified cellulose stream that is relatively easy to hydrolyze with enzymes and ferment to biofuels and other chemicals such as ethanol. Figure 1

Figure 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8661/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : TSP-1, TSP-2, IL-17BR AND HB-EGF ASSOCIATED WITH STEM CELL ACTIVITIES AND APPLICATIONS THEREOF

(51) International classification	:C12N 5/077	(71) Name of Applicant :
(31) Priority Document No	:10-2009-0041753	1)MEDIPOST CO., LTD.
(32) Priority Date	:13/05/2009	Address of Applicant :1571-17 SEOCHO3-DONG, SEOCHO-GU, SEOUL 137-874, REPUBLIC OF KOREA
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor :
(86) International Application No	:PCT/KR2010/003040	1)YANG, YOON-SUN
Filing Date	:13/05/2010	2)OH, WON IL
(87) International Publication No	:WO 2010/131917	3)JEON, HONG BAE
(61) Patent of Addition to Application Number	:NA	4)JUNG, MEE HYUN
Filing Date	:NA	5)JEONG, SANG YOUNG
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An exemplary embodiment of the present invention provides TSP-1, TSP-2, IL-17BR and HB-EGF associated with stem cell activities and applications thereof.

No. of Pages : 88 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8676/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR PRODUCING A STATOR WINDING OF AN ELECTRIC MACHINE, IN PARTICULAR FOR PRODUCING AN ALTERNATOR

(51) International classification	:H02K 15/06
(31) Priority Document No	:102009024230.9
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/057540 :31/05/2010
(87) International Publication No	:WO 2010/136603
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)ROBERT BOSCH GMBH

Address of Applicant :POSTFACH 30 02 20, 70442
STUTTGART, GERMANY

(72)**Name of Inventor :**

1)WOLF, GERT

2)RAU, EBERHARD

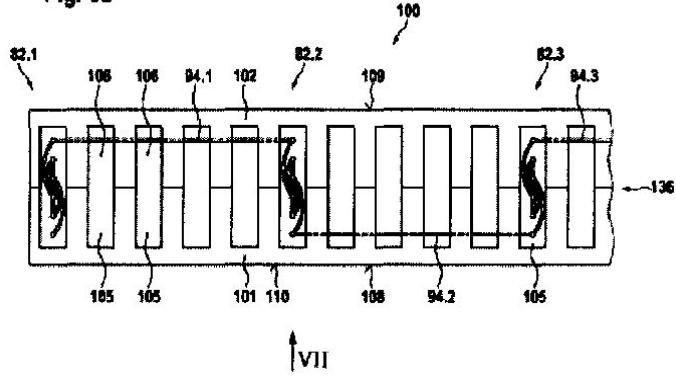
3)MUELLER, ALEXANDER

4)REUTLINGER, KURT

(57) Abstract :

Described herein is a method for producing a stator winding (18) of an electric machine (10), particularly of an alternator, the stator winding (18) comprising at least n phase windings (120, 121, 122, 123, 124) and a phase winding (120, 121, 122, 123, 124) having multiple directly consecutively wound coils (82) having coil sides (88) and coil side connectors (91), the coils (82) being divided into first coils (82.1) and second coils (82.2), by a forming tool (100), in which grooves (105, 106; 105', 106') suitable for accommodating the coils (82) are provided. Further, a first coil (82.1) is disposed in one groove (105; 105') and a second coil (82.2) is disposed in another groove (105; 105'). According to the present subject matter, n-1 grooves (105, 106; 105', 106') are disposed between the first coil (82.1) and the second coil (82.2). Fig. 6a

Fig. 6a



No. of Pages : 55 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8566/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COMBINATION STIRRER

(51) International classification	:B01F 7/00
(31) Priority Document No	:09007457.6
(32) Priority Date	:05/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/003356
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/139470
(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)F. HOFFMANN-LA ROCHE AG

Address of Applicant :GRENZACHERSTRASSE 124, CH-4070 BASEL, SWITZERLAND

(72)Name of Inventor :

1)JENZSCH, MARCO

2)LECHNER, MAX

3)POHLSCHEIDT, MICHAEL

4)REESE, CHRISTOPH

5)SCHOLZ, ALEXANDER

6)TEBBE, HERMANN

(57) Abstract :

The present patent application describes a stirrer comprising a combination of at least one axially-conveying element and at least one radially-conveying element relative to the rotary shaft of the stirrer wherein the largest diameter of the at least one axially-conveying element is equal to or less than the inner diameter d_i of the radially-conveying element. In one embodiment the stirrer according to the invention is a combination of one anchor stirrer with at least one inclined-blade stirrer. Furthermore the use of the stirrer according to the invention for the culture of cells in a dialysis method is described.

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8569/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DEVICE FOR CULTIVATING CELLS AND/OR MICROORGANISMS

(51) International classification	:B01J 19/28
(31) Priority Document No	:10 2009 019 697.8
(32) Priority Date	:05/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/008616
Filing Date	:03/12/2009
(87) International Publication No	:WO 2010/127689
(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)BAYER TECHNOLOGY SERVICES GMBH

Address of Applicant :51368 LEVERKUSEN, GERMANY

(72)Name of Inventor :

1)JOERG KAULING

2)BERND MEUSER

3)ARNDT BRAUN

4)SEBASTIEN CHAUSSIN

5)WOLFGANG KAHLERT

(57) Abstract :

The invention relates to a reactor designed as a disposable element, a container for receiving reactor, a device comprising a reactor, and a drive unit for generating a rotating-oscillating motion of the reactor, and the use of the device for cultivating cells and/or microorganisms.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8663/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : OPHTHALMIC SPECTACLES FOR CHARACTERIZING THE DIRECTION OF GAZE OF A WEARER

(51) International classification	:A16B 3/113	(71) Name of Applicant :
(31) Priority Document No	:09 53127	1)ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE)
(32) Priority Date	:12/05/2009	Address of Applicant :147 RUE DE PARIS, F-94220 CHARENTON LE PONT, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/050895	1)BONNIN, THIERRY
Filing Date	:07/05/2010	2)BROSSIER, THIBAULT
(87) International Publication No	:WO 2010/130932	3)ROUSSEAU, BENJAMIN
(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 ophthalmic spectacles for characterizing the direction of gaze of a wearer. Each lens (1, 2) of the spectacles is provided with output sections for directing a radiation towards the ocular areas (ZD1, ZG1, ZD2, ZG2) of the wearer, in which different portions of an ocular limbus (L) of the wearer are in motion. The lens is further provided with input sections for collecting the portions of said radiation reflected in said ocular areas. A computing unit is also combined with the spectacles in order to determine the direction of gaze of the wearer from detection signals measuring the portions of the radiation that are simultaneously collected by the input sections of the two lenses.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8665/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : QUALITY CONTROL PROCESS FOR UMG-SI FEEDSTOCK

(51) International classification	:H01L 29/06
(31) Priority Document No	:61/173,853
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033062
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/127184
(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)CALISOLAR, INC.

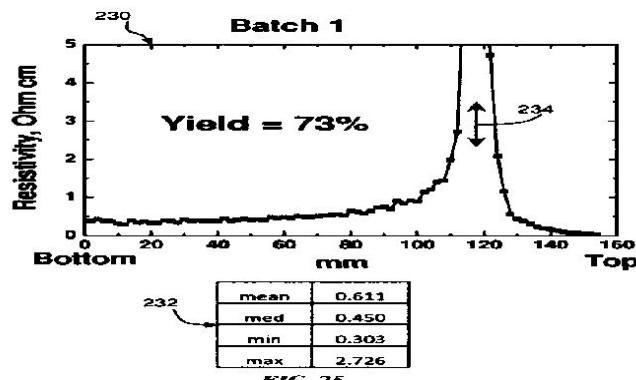
Address of Applicant :985 ALMANOR AVENUE,
SUNNYVALE, CALIFORNIA 94085-2903, U.S.A.

(72)Name of Inventor :

- 1)OUNADJELA, KAMEL
- 2)WALERYSIAK, MARCIN
- 3)JOUINI, ANIS
- 4)HEUER, MATTHIAS
- 5)SIDELKHEIR, OMAR
- 6)BLOSSE, ALAIN
- 7)KIRSCHT, FRITZ

(57) Abstract :

A quality control process for determining the concentrations of boron and phosphorous in a UMG-Si feedstock batch is provided. A silicon test ingot is formed by the directional solidification of molten UMG-Si from a UMG-Si feedstock batch. The resistivity of the silicon test ingot is measured from top to bottom. Then, the resistivity profile of the silicon test ingot is mapped. From the resistivity profile of the silicon test ingot, the concentrations of boron and phosphorous of the UMG-Si silicon feedstock batch are calculated. Additionally, multiple test ingots may be grown simultaneously, with each test ingot corresponding to a UMG-Si feedstock batch, in a multi-crucible crystal grower.



No. of Pages : 58 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8667/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ANTIBODIES SPECIFIC FOR DKK-1 AND THEIR USES

(51) International classification	:C07K 16/18
(31) Priority Document No	:61/177,650
(32) Priority Date	:12/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/052056
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/131185
(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)PFIZER INC.

Address of Applicant :235 EAST 42ND STREET, NEW YORK, NEW YORK 10017, U.S.A.

2)RINAT NEUROSCIENCE CORPORATION

(72)Name of Inventor :

1)LI. MEI

2)PARALKAR, VISHWAS MADHAV

3)PONS, JAUME

4)STONE, DONNA MARIE

(57) Abstract :

The present invention provides antibodies and fragments thereof that Dkk-1 and, in particular, to humanized antibodies and fragments thereof that bind to Dkk-1 and, even more particularly to fully humanized antibodies and immunologically functional fragments that bind to Dkk-1. Also provided are antibodies and fragments thereof which compete with the binding of an anti-mouse Dkk-1 monoclonal antibody for binding to Dkk-1+ cells. Also provided are nucleic acids encoding anti-Dkk-1 antibodies or fragments thereof, as well as expression vectors and host cells incorporating these nucleic acids for the recombinant expression of anti-Dkk-1 antibodies and fragments thereof. Also provided are methods of preparing the antibodies and fragments thereof of the invention. Also provided are bone anabolic agents. Pharmaceutical compositions comprising the antibodies or fragments thereof of the invention are also provided. Further provided are methods of treating diseases, conditions and disorders, such as bone disorders, which result in a loss of bone. Methods of treating or preventing a loss of bone mass, methods of inducing increased bone mass, and methods of inducing Wnt activity are also provided.

No. of Pages : 192 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8590/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SWITCHING VALVE

(51) International classification	:F02M 63/00	(71)Name of Applicant :
(31) Priority Document No	:102009026774.3	1) ROBERT BOSCH GMBH
(32) Priority Date	:05/06/2009	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:PCT/EP2010/054810	(72)Name of Inventor :
Filing Date	:13/04/2010	1) STOECKLEIN, WOLFGANG
(87) International Publication No	:WO 2010/139501	2) RETTICH, ANDREAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described herein is a switching valve (2), in particular a magnet valve for injection valves of air-compressing self-igniting combustion engines. The switching valve (2) includes a valve piece (3), on which a valve seat (4) is formed, and includes a valve closing body (5), which interacts with the valve seat (4) to form a sealing seat. The switching valve (2) further includes an armature (6) guided on a pressure pin (9), which is supported on a support element (10); and a leakage gap formed between a guiding section (26) and a guide opening (27) for alignment of a pressure in the guide opening (27), between the guiding section (26) and the pressure pin (9), to a pressure in a fuel chamber (29). Fig. 1

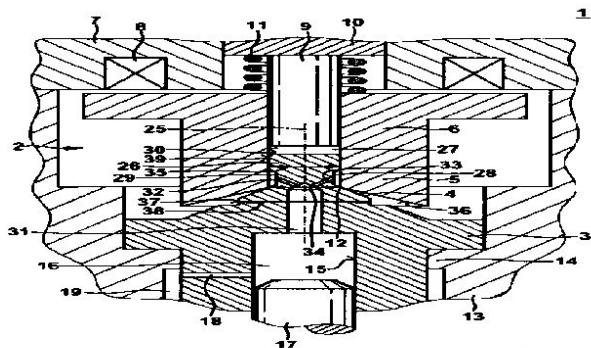


Fig. 1

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8683/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : STAGGERED LASER-ETCH LINE GRAPHIC SYSTEM, METHOD AND ARTICLES OF MANUFACTURE

(51) International classification	:B44C 1/22	(71) Name of Applicant :
(31) Priority Document No	:61/172,893	1) ECHELON LASER SYSTEMS, LP
(32) Priority Date	:27/04/2009	Address of Applicant :1955 POWIS ROAD, W. CHICAGO, ILLINOIS 60185 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/US2010/032506 :27/04/2010	1) COSTIN JR. DARRYL J.
(87) International Publication No	:WO 2010/126864	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A staggered laser-etch line graphic system, method, and articles of manufacture are provided. One described method includes the steps of laser engraving a first plurality of lines associated with a first component section of a graphic on a surface of an article; laser engraving a second plurality of lines associated with a second component section of the graphic on the surface of the article; and controlling said laser engraving of the first plurality of lines and said laser engraving of second plurality of lines to reduce the visual impact of a demarcation line separating the first component section of the graphic and the second component section of the graphic.

No. of Pages : 59 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8685/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BORINIC COMPOSITIONS

(51) International classification	:A61Q 11/00
(31) Priority Document No	:61/183,788
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037223
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/141694
(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)GRONLUND JENNIFER

5)XU GUOFENG

6)WU DONGHUI

7)PRENCIPE MICHAEL

8)SUBRAMANYAM RAVI

(57) Abstract :

A stabilized topical composition comprising a borinic acid derivative, e.g., a borinic ester.

No. of Pages : 51 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8687/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PATIENT LIFTING SYSTEM

(51) International classification	:A61G 7/10
(31) Priority Document No	:2009 1908
(32) Priority Date	:15/05/2009
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO2010/000160
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/131974
(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)INTEGRA CARE PRODUCTS AS

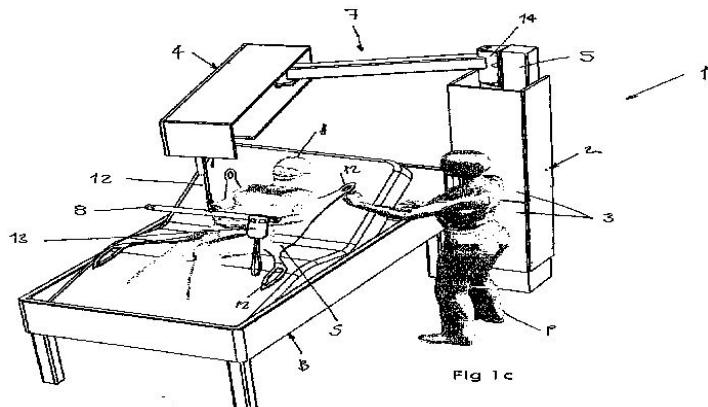
Address of Applicant :DARRESGT. 22, NO-0175 OSLO,
NORWAY

(72)Name of Inventor :

1)AABAKKEN, SKJALG

(57) Abstract :

The present invention relates to a system for handling and moving bedridden or mobility impaired patients, the system comprising a vertical arm that is arranged in a vertical cabinet, which vertical arm is connected to an arm that is pivotal in a horizontal plane arranged in a horizontal overhead cabinet, said arms being adjustable from an inactive and secured position arranged in the cabinets to an active position arranged outside the cabinets. The horizontal overhead cabinet is connected to the arm that is pivotal in a horizontal plane, and follows the movement of the arm from an inactive and secured position to an active position. A drive unit is further connected to the arm that is pivotal in a horizontal plane, which drive unit via at least a wire or the like is connected to a removable lifting bar. In an inactive and secured position of the system for handling and moving bedridden patients or mobility impaired persons, the horizontal overhead cabinet will house the arm that is pivotal in a horizontal plane and the drive unit. Figure 1c.



No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8688/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : GAS SENSOR UTILIZING BANDPASS FILTERS TO MEASURE TEMPERATURE OF AN Emitter

(51) International classification	:G01J 5/60	(71) Name of Applicant :
(31) Priority Document No	:PA 2009 00508	1)DANFOSS IXA A/S
(32) Priority Date	:17/04/2009	Address of Applicant :ULVEHAVEVEJ 61, DK-7100 VEJLE, DENMARK
(33) Name of priority country	:Denmark	(72) Name of Inventor :
(86) International Application No	:PCT/DK2010/000047	1)STOLBERG-ROHR, THOMINE
Filing Date	:16/04/2010	2)JENSEN, JENS MOLLER
(87) International Publication No	:WO 2010/118750	3)KRISHNA, ARUN
(61) Patent of Addition to Application Number	:NA	4)MUNCH, LARS
Filing Date	:NA	5)BUCHNER, RAINER
(62) Divisional to Application Number	:NA	6)MOOS, HENRIK GEDDE
Filing Date	:NA	

(57) Abstract :

The invention relates to a sensor having a filter arrangement, downstream of which there is arranged a detector arrangement, and an evaluating device which is connected to the detector arrangement, the filter arrangement has at least a first filter, the suspect filter, which is configured as a band pass filter allowing the passage of a first predetermined band, the suspect band, at least one second filter, the reference filter(s), which is configured as band pass filters allowing the passage of a second predetermined band(s), the reference band(s), and where the detector arrangement has at least one detector associated with the at least one of the filters. The sensor uses the band pass filters to measure the temperature of an emitting source. The sensor with advantage could be utilized within the IR band, and could advantageously be used to detect CO₂.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8672/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING INTER RADIO ACCESS TECHNOLOGY MEASUREMENTS

(51) International classification	:H04W 36/30
(31) Priority Document No	:09305443.5
(32) Priority Date	:15/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056485
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/130749
(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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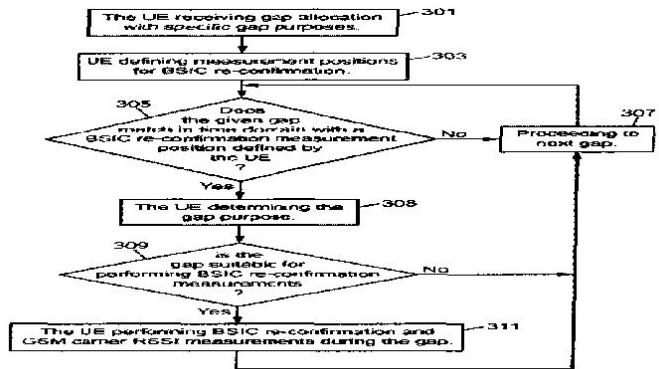
2)ST-ERICSSON SA

(72)Name of Inventor :

1)JOSSO, NICOLAS

(57) Abstract :

The present invention relates to a method of performing inter system radio measurements in compressed mode. A communication device performing the method determines whether a given measurement gap coincides in time domain with a measurement position defined by the communication device. In case the measurement position coincides with the position of the measurement gap, then the communication device performs consequently during the measurement gap a first type of measurement and a second type of measurement.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8692/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MODIFIED COMPSTATIN WITH PEPTIDE BACKBONE AND C-TERMINAL MODIFICATIONS

(51) International classification	:A61K 38/04
(31) Priority Document No	:61/174,575
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033345
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/127336
(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)JOHN D. LAMBRIS

2)HONGCHANG QU

(57) Abstract :

Compounds comprising peptides capable of binding C3 protein and inhibiting complement activation are disclosed. These compounds display greatly improved complement activation-inhibitory activity as compared with currently available compounds. The compounds comprise compstatin analogs having a constrained backbone at position 8 (glycine) and, optionally, specific substitutions for threonine at position 13.

No. of Pages : 47 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8697/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COMPOSITE SHROUD AND METHODS FOR ATTACHING THE SHROUD TO PLURAL BLADES

(51) International classification	:F04D 29/02
(31) Priority Document No	:MI2009A000781
(32) Priority Date	:08/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/056289
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/128153
(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)GIOVANNETTI, IACOPO

2)BIANCHI, DINO

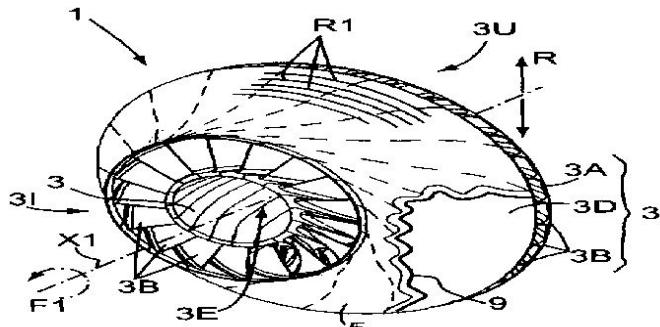
3)BIGI, MANUELE

4)GIANNOZZI, MASSIMO

5)MASSINI, ANDREA

(57) Abstract :

Method and impeller for a turbo-machine. The impeller includes a metallic base (1502) having a central hole, a back surface (1502b) and a front surface (1502a) opposite to the back surface (1502b); plural blades (1504, 1506) extending on the front surface (1502a) of the metallic base (1502); a composite shroud (1508) attached to the plural blades (1504, 1506) such that plural closed paths or vanes are formed by the front surface (1502a) of the metallic base (1502), the plural blades (1504, 1506) and the composite shroud (1508); and connecting means (1510,1606,1706, 1806, 1906, 2302, 2410, 2608, 2612, 3002, 3010, 3402, 3510) configured to attach the composite shroud (1508) to the metallic base (1502) or the plural blades (1504, 1506). Fig. 3 A



No. of Pages : 63 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8716/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COMBINATION SENSOR

(51) International classification	:G01L 23/24
(31) Priority Document No	:10 2009 026 931.2
(32) Priority Date	:15/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055676
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/145877
(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)ROBERT BOSCH GMBH

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STUTTGART, GERMANY

(72)Name of Inventor :

1)WOLF, RONNY

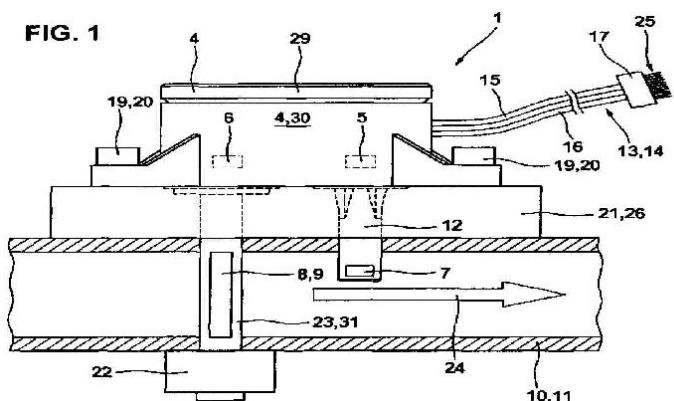
2)DEISSLER, MARKUS

3)LANGE, JOERG

(57) Abstract :

Described herein is a combination sensor (1) for a combustion engine (2), particularly for a motor vehicle (3). The combination sensor (1) includes a housing (4), a sensor (5) for detecting a pressure of a fluid in a tube (10), a sensor (6) for detecting a position of a throttle device (8) in the tube (10), and a sensor (7) for detecting a temperature of the fluid in the tube (10). According to the present subject matter, the sensor (7) for detecting the temperature of the fluid is disposed in a flow direction of the fluid downstream to the throttle device (8) in the tube (10). Power supply lines (15) and/or signal transmission lines (16) of the sensors (5, 6, 7) are connected to a supply unit (27), particularly a control unit (18) and/or a current source (28) of the combustion engine (2), by a plug (17).

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8718/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FUEL SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F02M 59/20
(31) Priority Document No	:10 2009 027 335.2
(32) Priority Date	:30/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055891
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/000599
(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)LANGENBACH, CHRISTIAN

2)KOEHLER, ACHIM

3)GRIEB, JENS

(57) Abstract :

Described herein is a fuel system (10) for an internal combustion engine (12), particularly of a motor vehicle. The fuel system (10) includes a pre-feed pump (26); a high-pressure pump (30); a dosing device (36) hydraulically disposed between the pre-feed pump (26) and the high-pressure pump (30); and a zero feed line (38) for disposing of leakages of the dosing device (36). Further, the fuel system (10) includes suction units (40) disposed in the zero feed line (38) or on a downstream end thereof.

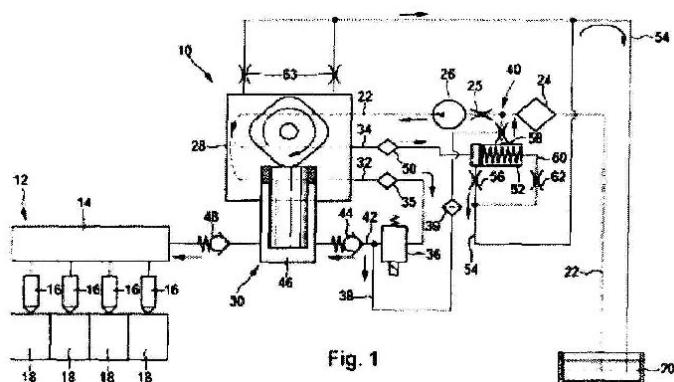


Fig. 1

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8703/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CARBONYLATION PROCESS

(51) International classification	:B01J 29/18
(31) Priority Document No	:09251312.6
(32) Priority Date	:14/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/GB2010/000893
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/130971
(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)EVERT JAN DITZEL

2)BOGDAN COSTIN GAGEA

(57) Abstract :

A process for the production of at least one carbonylation product selected from acetic acid and methyl acetate which process comprises carbonylating at least one carbonylatable reactant selected from methanol and reactive derivatives thereof with carbon monoxide in the presence of a catalyst, wherein said catalyst is a mordenite which has been treated with an aqueous basic solution containing at least one of aluminate ions and gallate ions and has a silica: X₂O₃ molar ratio (wherein X is Al and/or Ga) of at least 12: 1.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8711/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : APPARATUS AND METHOD FOR REDUCTION OF A SOLID FEEDSTOCK

(51) International classification	:C25C 7/00
(31) Priority Document No	:0908151.4
(32) Priority Date	:12/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000960
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/131000
(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)DUDLEY, PETER, G.

2)WRIGHT, ALLEN, RICHARD

(57) Abstract :

In a method for reduction of a solid feedstock, such as a solid metal compound, in an electrolytic apparatus a portion of the feedstock is arranged in each of two or more electrolytic cells (50, 60, 70, 80). A molten salt is provided as an electrolyte in each cell. The molten salt is circulated from a molten salt reservoir (10) such that salt flows through each of the cells. Feedstock is reduced in each cell by applying a potential across electrodes in each cell, the potential being sufficient to cause reduction of the feedstock. The invention also provides an apparatus for implementing the method.

No. of Pages : 31 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8713/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : IMIDAZOLIDINE-2, 4-DIONE DERIVATIVES AND USE THEREOF AS A MEDICAMENT

(51) International classification	:C07D 403/06
(31) Priority Document No	:09/01864
(32) Priority Date	:17/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000316
Filing Date	:17/04/2009
(87) International Publication No	:WO 2010/119194
(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)BIGG, DENNIS

2)AUVIN, SERGE

3)LANCO, CHRISTOPHE

4)PREVOST, GREGOIRE

(57) Abstract :

The subject matter of the present application is novel imidazolidine-2,4-dione derivatives of general formula (I) in which R , R , R and X are variables. These products have an anti-proliferative activity. They are particularly advantageous for treating pathological conditions and diseases associates with abnormal cell proliferation, such as cancers. The invention also relates to pharmaceutical compositions containing said products and to the use thereof for preparing a medicament.

No. of Pages : 52 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8724/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MULTI-VALENT ADJUVANT DISPLAY'

(51) International classification	:A61K 47/48	(71) Name of Applicant :
(31) Priority Document No	:0907989.8	1)PSIOXUS THERAPEUTICS LIMITED
(32) Priority Date	:08/05/2009	Address of Applicant :5 NEW STREET SQUARES, LONDON, EC4A 3 TW, UNITED KINGDOM
(33) Name of priority country	:U.K.	(72) Name of Inventor :
(86) International Application No	:PCT/GB2010/000915	1)LEONARD CHARLES WILLIAM SEYMOUR
Filing Date	:07/05/2010	2)KERRY FISHER
(87) International Publication No	:WO 2010/128303	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An adjuvant-polymer construct comprising: a linear polymer backbone is biologically inactive, and 3 or more adjuvants covalently linked to the polymer backbone either directly or via a spacer group, wherein the 3 or more adjuvants are the same or different and are each present in a pendant side chain.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8725/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SENSOR UTILIZING BAND PASS FILTERS

(51) International classification	:G01N 21/35
(31) Priority Document No	:PA 2009 00506
(32) Priority Date	:17/04/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2010/000045
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/118748
(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)JENSEN, JENS MOELLER

2)KRISHNA, ARUN

3)MUNCH, LARS

4)BUCHNER, RAINER

5)STOLBERG-ROHR, THOMINE

6)MOOS, HENRIK GEDDE

(57) Abstract :

The invention relates to a sensor having a filter arrangement, downstream of which there is arranged a detector arrangement, and an evaluating device which is connected to the detector arrangement, the filter arrangement has at least a first filter, the suspect filter, which is configured as a band pass filter allowing the passage of a first predetermined band, the suspect band, at least one second filter, the reference filter(s), which is configured as a band pass filter allowing the passage of a second predetermined band(s), the reference band(s), and where the detector arrangement has at least one detector associated with at least one of the filters. The band passes reference filters are distributed above and below the band pass of the suspect filter. The sensor with advantage could be utilized within the IR band, and could advantageously be used to detect CO₂.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8733/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHODS AND REAGENTS FOR EFFICIENT AND TARGETED GENE TRANSFER TO MONOCYTES AND MACROPHAGES

(51) International classification	:C12N 15/861	(71) Name of Applicant :
(31) Priority Document No	:09159001.8	1)UNIVERSITAT AUTONOMA DE BARCELONA Address of Applicant :EDIFICI A-CAMPUS
(32) Priority Date	:29/04/2009	UNIVERSITARI S/N, E-08193 BELLATERRA-BARCELONA, SPAIN
(33) Name of priority country	:EPO	2)GRIFOLS S.A.
(86) International Application No	:PCT/EP2010/055739	3)FUNDACIO INSTITUT D'INVESTIGACIO EN CIENCIAS DE LA SALUT GERMANS TRIAS I PUJOL
Filing Date	:28/04/2010	4)FUNDACIO PRIVADA INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS
(87) International Publication No	:WO 2010/125115	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)GASSULL DURO MIQUEL ANGEL
Filing Date	:NA	2)RIO FERNANDEZ ADOLFO
(62) Divisional to Application Number	:NA	3)FERNANDEZ GIMENO ESTER
Filing Date	:NA	4)CHILLON RODRIGUEZ MIGUEL

(57) Abstract :

The present invention provides a biosafe and useful vector to transfer genetic material to CD14+ mononuclear cells (monocytes and monocyte-derived macrophages) in an efficient and specific manner. The embodiment of the invention makes use of the chimeric human adenovirus vectors 5 carrying the short fiber of enterotropic Ad40 to transfer genetic material to the target CD14+ mononuclear cells.

No. of Pages : 77 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8740/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MEANS AND METHODS FOR RECOGNIZING THE DEVELOPMENT OF CARDIOVASCULAR DISEASE IN AN INDIVIDUAL

(51) International classification	:G01N 33/574
(31) Priority Document No	:61/175,472
(32) Priority Date	:05/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/000361
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/128506
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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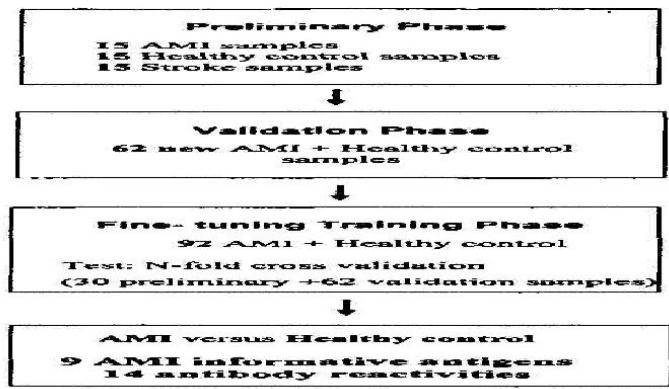
2)DOMANY, EYTAN

3)SAHAR, ELI

4)SHENTAL, NOAM

(57) Abstract :

A method of recognizing the development of an Acute Myocardial Infarction (AMI) process in an individual, wherein the method comprises steps of: profiling specific antibody reactivities or biomarkers associated with AMI susceptibility, the profiling comprises steps of: attaching a set of defined antigens to a substrate; obtaining a biological fluid derived specimen from an individual, the specimen containing a specific antibody repertoire; and binding said antibodies of the biological fluid specimen to the attached antigens thereby forming bound antibody antigen complexes; and analyzing results obtained, wherein the presence of the complexes is indicative of AMI.



No. of Pages : 76 No. of Claims : 86

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8746/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DEVICE FOR DETERMINING THE WATER CONTENT OF A TEST OBJECT

(51) International classification	:G01N 21/15
(31) Priority Document No	:A 585/2009
(32) Priority Date	:16/04/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2010/000113
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/118451
(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)UBLACKER, DIETMAR

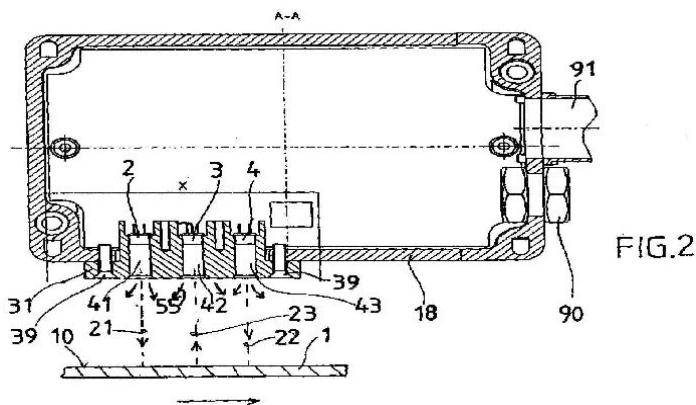
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(AT) Austria

(72)Name of Inventor :

1)UBLACKER, DIETMAR

(57) Abstract :

A device for determining the water content of a test object (1), said device having at least one source of target radiation (2) and at least one source of reference radiation (4) directed to a test object surface (10) as well as at least one detecting element (3) for measuring the intensity of radiation reflected back by said test object surface, wherein, during use, said at least one source of target radiation (2), said at least one source of reference radiation (4), and said at least one detecting element (3) are arranged immediately opposite said test object surface (10), and wherein a pressurizing device using air or gas is provided, by which an artificial movement of the air or gas atmosphere can be created in the area of the optical paths between said at least one source of target radiation (2) and said test object surface (10), and/or between said at least one source of reference radiation (4) and said test object surface (10), and/or between said test object surface (10) and said at least one detecting element (3).



No. of Pages : 32 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8752/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ANTENNA DEVICE

(51) International classification	:H01Q 1/46
(31) Priority Document No	:P2009-122569
(32) Priority Date	:20/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058423
Filing Date	:25/11/2010
(87) International Publication No	:WO 2010/134538
(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)SATORU TSUBOI

3)KOICHI MUKAI

4)CHISATO KOMORI

(57) Abstract :

The present invention relates to an antenna device whereby there can be provided an antenna device which can receive broadcast waves with a sufficiently wide frequency band and sufficient gain just by connecting wire material even if used bundled without complicated efforts, and can obtain suitable reception sensitivity. This antenna device includes a power supply cord 20 which can transmit power, a connecting portion 50, a high-frequency signal cable 30 for extracting a high-frequency signal from the connecting portion 50, and a high-frequency blocking portion 40 disposed in two places in the length direction of the power supply cord 20, and with the power supply cord 20, a portion between the two high-frequency blocking portions is connected to the connecting portion 50 to form an antenna, and the high-frequency signal cable 30 is connected to a portion of the power supply cord 20 at the connecting portion 50.

No. of Pages : 72 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8754/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COMPOUNDS AND METHODS FOR CONTROLLING FUNGI

(51) International classification	:C07D 239/30
(31) Priority Document No	:61/179,402
(32) Priority Date	:19/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033327
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/135070
(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)JAMES RENGA

4)FRANCIS TISDELL

5)MAURICE YAP

6)DAVID YOUNG

(57) Abstract :

Various aspects disclosed herein relate to aryl substituted aminopyrimidines according to Formula (I), wherein, X1 is N or C-R3; X2 is N or C-R, provided that X1 and X2 are not both N; R1-R7 are H, CN, CHO, -SCN, NO2, F, Cl, Br, I, substituted or unsubstituted C1-C4-alkyl, substituted or unsubstituted halo-C1-C4-alkyl, substituted or unsubstituted C1-C4-alkoxy, substituted or unsubstituted halo-C1-C4-thioalkyl, substituted or unsubstituted C1-C4-alkynyl, substituted or unsubstituted C1-C4-acylalkyl, C1-C4-acyloxy, C1-C4 alkoxy carbonyl, C1-C4-alkoxy-amino, C1-C4-alkyl-S(O)=NH, substituted or unsubstituted aryl, substituted or unsubstituted heterocycle, wherein the substituents are one or more of the following F, Cl, Br, OH, CN, NO2, CHO, -SCN, S(O)n-C1-C4-alkyl (where n = 0-2), C1-C4-alkyl, halo-C1-C4-alkyl, C1-C4-alkyl amine, C1-C4-alkoxy, halo-C1-C4-alkoxy, C1-C4-thioalkyl, halo-C1-C4-thioalkyl, C1-C4-alkyl acyl, C1-C4-acyloxy, C1-C4 alkoxy carbonyl, C1-C4-alkoxy-imino, hydroxy-imino; C1-C4-alkyl-S(O)=NH; and Q is a substituted or unsubstituted aryl, substituted or unsubstituted heterocycle wherein the substituents of Q are taken from R1-R7.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8759/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SPLIT-CYCLE AIR-HYBRID ENGINE WITH COMPRESSOR DEACTIVATION

(51) International classification	:F02B 25/00
(31) Priority Document No	:61/313,831
(32) Priority Date	:15/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/028281
Filing Date	:14/03/2011
(87) International Publication No	:WO 2011/115870
(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)RICCARDO MELDOLESI

2)NICHOLAS BADAIN

3)IAN GILBERT

(57) Abstract :

A split-cycle air-hybrid engine includes a rotatable crankshaft. A compression piston is slidably received within a compression cylinder and operatively connected to the crankshaft. An intake valve selectively controls air flow into the compression cylinder. An expansion piston is slidably received within an expansion cylinder and operatively connected to the crankshaft. A crossover passage interconnects the compression and expansion cylinders. The crossover passage includes a crossover compression (XovrC) valve and a crossover expansion (XovrE) valve therein. An air reservoir is operatively connected to the crossover passage. In an Air Expander (AC) mode and an Air Expander and Firing (AEF) mode of the engine, the XovrC valve is kept closed during an entire rotation of the crankshaft, and the intake valve is kept open for at least 240 CA degrees of the same rotation of the crankshaft.

No. of Pages : 32 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8761/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR SELECTIVE DEPOSITION MODELING

(51) International classification	:B29C 67/00
(31) Priority Document No	:61/177,365
(32) Priority Date	:12/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034299
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/132392
(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)3D SYSTEMS, INC.

Address of Applicant :333 THREE D SYSTEMS CIRCLE,
ROCK HILL, SC 29730, U.S.A.

(72)**Name of Inventor :**

1)JOHN STOCKWELL

2)PINGYONG XU

(57) Abstract :

There is provided compositions and methods for producing three-dimensional objects by selective deposition modeling with a polar build material and a non-polar support material. The build material comprises a hydrocarbon wax material and a viscosity modifier, and the support material comprises a hydrocarbon alcohol wax material and a viscosity modifier. After the selective deposition modeling process has been completed, the object can be placed in a bath of polar solvent to remove the support material. The particular materials provided herein, and the post-processing methods associated therewith, provide for improved part quality of the three-dimensional object and for improved post-processing techniques. The three-dimensional objects can subsequently be used in a number of applications, such as patterns for investment casting.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8764/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND DEVICE FOR THE ELECTROLYTIC TREATMENT OF HIGH-RESISTANCE LAYERS

(51) International classification	:C25D 17/06	(71) Name of Applicant :
(31) Priority Document No	:10 2009 023 763.1	1)RENA GMBH
(32) Priority Date	:22/05/2009	Address of Applicant :OB DER ECK 5, 78148
(33) Name of priority country	:Germany	GUTENBACH, GERMANY
(86) International Application No	:PCT/DE2010/000596	(72) Name of Inventor :
Filing Date	:18/05/2010	1)EGON HUBEL
(87) International Publication No	:WO 2010/133223	
(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 the electroplating or electrolytic etching of plate-shaped or strip-shaped material (1) in continuously operating plant or strip plant for passing material from one roll to the next, having transport and contact means (2) along a transport path, characterised in that the material is supplied with the electrolytic current by means of contacts (3) on the transport and contact means (2) by way of at least one contact track (15) which runs inside the useful area (17) of the material (1).

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8765/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AGENT FOR THE PROPHYLAXIS AND TREATMENT OF HIGHLY PATHOGENIC INFECTIOUS DISEASES

(51) International classification	:A61K 31/00
(31) Priority Document No	:2009119263
(32) Priority Date	:21/05/2009
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2010/000256
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/134851
(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)NEBOLSIN, VLADIMIR EVGENIEVICH

(72)**Name of Inventor :**

1)NEBOLSIN, VLADIMIR EVGENIEVICH

2)ZHELTUKHINA, GALINA, ALEXANDROVA

3)BORISEVICH, SERGEY VLADIMIROVICH

4)LOGINOVA, SVETLANA YAKOVLEVNA

5)CHUCHALIN, ALEXANDER GRIGORIEVICH

(57) Abstract :

The invention relates to an agent for the treatment and/or prophylaxis of highly pathogenic infectious diseases, such as highly pathogenic influenza A (in particular, subtypes H5 and H7) and severe acute respiratory syndrome caused by the genotype IV coronavirus. The agent is in the form of glutaryl histamine or a pharmaceutically acceptable salt thereof. The invention also relates to a pharmaceutical composition based on glutaryl histamine or a pharmaceutically acceptable salt thereof and to a method for the treatment and/or prophylaxis of highly pathogenic infectious diseases.

No. of Pages : 17 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8767/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ARRANGEMENT FOR BURNING BLAST FURNACE OFF-GAS FROM A BLEEDER VALVE AND CORRESPONDING BLEEDER VALVE

(51) International classification	:C21B 7/00
(31) Priority Document No	:91 570
(32) Priority Date	:19/05/2009
(33) Name of priority country	:Luxembourg
(86) International Application No Filing Date	:PCT/EP2010/056867 :19/05/2010
(87) International Publication No	:WO 2010/133623
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)PAUL WURTH S.A.

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LUXEMBOURG

(72)Name of Inventor :

1)SIMOES, JEAN-PAUL
2)LOUTSCH, JEANNOT
3)HAUSEMER, LIONEL

(57) Abstract :

The invention proposes an arrangement for burning blast furnace off-gas from a bleeder valve. It comprises a bleeder valve (20) having a fixed hollow valve body (22) defining an outlet (26) and a valve seat and a movable obturator (24) that cooperates with the valve seat for closing the bleeder valve and releasing blast furnace off-gas through the outlet. The arrangement includes an apparatus for combustion of blast furnace off-gas released by the bleeder valve (20). This apparatus is characterized by an ignition device (32, 38, 40, 42, 44) that is arranged on or adjacent the valve body or the moveable obturator of the bleeder valve (20) itself. The ignition device (32, 38, 40, 42, 44) has its spatial ignition range located downstream the outlet in a region where blast furnace off-gas released through the outlet mixes with ambient air when the obturator is in an open position so as to allow open-air combustion of blast furnace off-gas released into ambient air at the location of the bleeder valve.

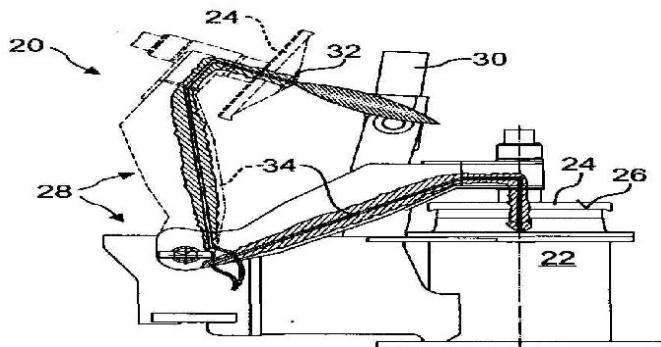


Fig. 2

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8771/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CONTINUOUS REACTION MICRO-REACTOR

(51) International classification	:B01J 19/00
(31) Priority Document No	:PCT/EP20009/055739
(32) Priority Date	:12/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056594
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/130808
(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 AG

Address of Applicant :MUNCHENSTEINERSTRASSE 38,
CH-4052 BASEL (CH) Switzerland

(72)Name of Inventor :

1)KOCKMANN, NORBERT

(57) Abstract :

A continuous reaction micro - reactor of modular structure comprises, arranged along a back- to- front stacking axis thereof, a first frame means (100), a reaction unit (RU), and a second frame means (200), wherein said reaction unit (RU) comprises a process fluid channel system for continuous reaction of a plurality of feeds or reactants flowing into said reaction unit to form at least one product flowing out of said reaction unit (RU), and a heat exchange fluid channel system for adjusting the temperature environment of said process fluid channel system, said first and second frame means (100, 200) are each formed as a flange, and said first and second frame means are alpressed towards each other by a plurality of tensioning means (200) arranged along and within an outer circumference of said first and second frame means (100, 200) and enclosing said reaction unit (RU).

No. of Pages : 44 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8772/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : THERMOELECTRIC ALLOYS WITH IMPROVED THERMOELECTRIC POWER FACTOR

(51) International classification	:C01B 19/00
(31) Priority Document No	:61/168,908
(32) Priority Date	:13/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030775
Filing Date	:12/04/2010
(87) International Publication No	:WO 2010/120697
(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)HEREMANS, JOSEPH, P.

2)JAWORSKI, CHRISTOPHER, M.

3)KULBACHINSKIY, VLADIMIR, ANATOLIEVICH

(57) Abstract :

A thermoelectric material and a method of using a thermoelectric device are provided. The thermoelectric material includes at least one compound having a general composition of $(Bi_{1-x-z}SbxAZ)_u(Te_{1-y}Se_y)_w$. The component A includes at least one Group IV element, and the other components are in the ranges of $0 \leq x \leq 1$, $0 \leq y \leq 1$, $0 \leq z \leq 0.10$, $1.8 \leq u \leq 2.2$, and $2.8 \leq w \leq 3.2$. The method of using a thermoelectric device can include exposing the thermoelectric material to a temperature greater than about 173 K.

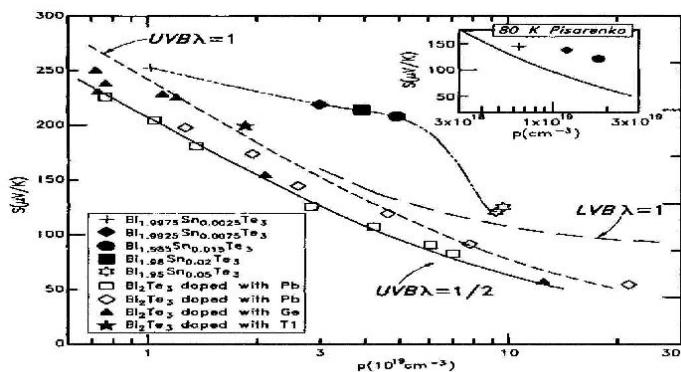


FIG. 4

No. of Pages : 33 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8774/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AZEOTROPIC AND AZEOTROPE-LIKE COMPOSITIONS OF Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE

(51) International classification	:C09K 3/30
(31) Priority Document No	:61/183,197
(32) Priority Date	:02/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036989
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/141527
(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)E.I. DU PONT DE NEMOURS AND COMPANY
Address of Applicant :1007 MARKET STREET,
WILMINGTON, DELAWARE 19898, U.S.A.

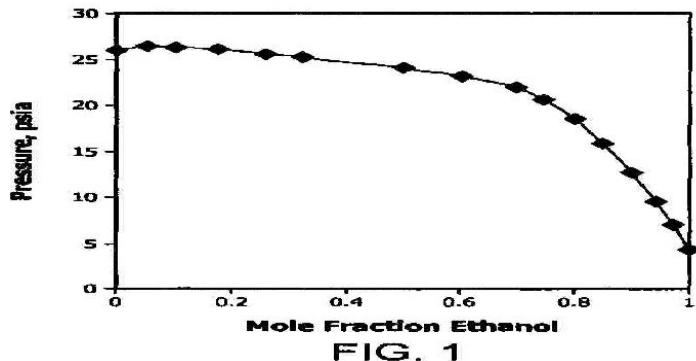
(72)Name of Inventor :

1)ROBIN, MARK, L.

(57) Abstract :

Azeotropic or azeotrope-like compositions are disclosed. The azeotropic or azeotrope-like compositions are mixtures of Z-1,1,1,4,4,4-hexafluoro-2-butene with ethanol, 2-chloro-3,3,3-trifluoropropene, methanol, E-1,1,1,4,4,5,5,5-octafluoro-2-pentene, 2-bromo-3,3,3-trifluoropropene, methyl acetate, acetone, chloroform, n-hexane or 1-chloro-3,3,3-trifluoropropene. Also disclosed is a process of preparing a thermoplastic or thermoset foam by using such azeotropic or azeotrope-like compositions as blowing agents. Also disclosed is a process of producing refrigeration by using such azeotropic or azeotrope-like compositions. Also disclosed is a process of using such azeotropic or azeotrope-like compositions as solvents. Also disclosed is a process of producing an aerosol product by using such azeotropic or azeotrope-like compositions. Also disclosed is a process of using such azeotropic or azeotrope-like compositions as heat transfer media. Also disclosed is a process of extinguishing or suppressing a fire by using such azeotropic or azeotrope-like compositions. Also disclosed is a process of using such azeotropic or azeotrope-like compositions as dielectrics.

Z-FO-1336mzz and Ethanol at 50.0 °C



No. of Pages : 37 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8775/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : INDUSTRIAL BAG HAVING A FLUID DRAINAGE LAYER

(51) International classification	:B65D 30/08
(31) Priority Document No	:61/177767
(32) Priority Date	:13/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/34291
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/132387
(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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WILMINGTON, DELAWARE 19898, U.S.A.

(72)Name of Inventor :

1)MARIN, ROBERT, ANTHONY

(57) Abstract :

The present invention relates to an industrial bag comprising a composite fabric comprising a porous fluid drainage layer and a fibrous fluid barrier layer of a flash spun polyolefin plexifilamentary film-fibril sheet wherein the fibrous fluid barrier layer faces the interior of the industrial bag.

No. of Pages : 14 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8777/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : INTERNALLY PRESSURE COMPENSATED NON-CLOGGING DRIP Emitter

(51) International classification	:B05B 15/00
(31) Priority Document No	:12/434,565
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033426
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/127358
(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 :4903 MOREANA BLVD., SUITE 1218, SAN DIEGO, CALIFORNIA 92117, U.S.A.

(72)Name of Inventor :

1)MAMO, SHAY

(57) Abstract :

Drip emitter having a pressure compensating element that does not contact the enclosing pipe. First known drip emitter formed from a two-shot injection mold process that includes a deformable element, membrane, compressible element or pressure compensating element that compensates pressure or flow of water against a stiff injection molded surface that is part of the drip emitter body. In addition, this is the first drip emitter (two-shot or otherwise) that includes a compensating surface that is not parallel to the membrane, i.e., at an angle to the plane of the pressure compensating element. May include fluid retention valve, ventable/anti-siphon/non-drain or other, as part of second injection with second or third material. Allows for simple injection mold construction and eliminates need for ISO conditioning to properly seat the membrane before testing.

No. of Pages : 89 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8778/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LUER SLIP CONNECTOR WITH ROUGHENED TIP

(51) International classification	:A61M 39/10
(31) Priority Document No	:12/434,251
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032203
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/126791
(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)KOMMIREDDY, DINESH S.

2)LIN, ANGELA

3)ZHAO, JOYCE

4)PAWLOWSKI, JOHN

(57) Abstract :

Medical devices (10) with male luer slip fittings (12) with either a male conical tip having a roughened outer surface or a female luer fitting (14) with a roughened surface and methods for manufacture and use are disclosed. The outer surface of the male conical tip or a surface of the female luer fitting is roughened (18) to increase the force required to remove the male luer fitting from the female luer fitting without causing leakage of the connection.

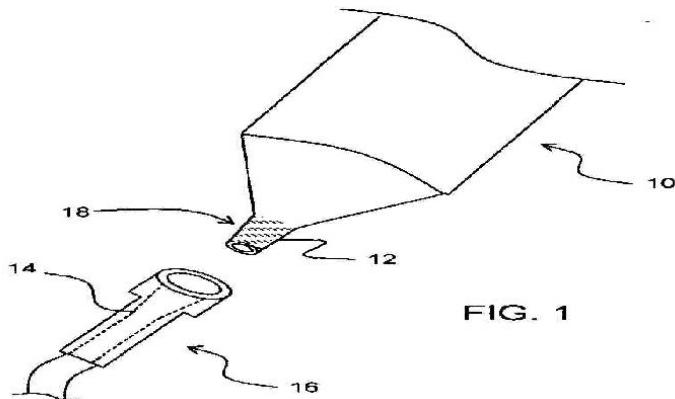


FIG. 1

No. of Pages : 16 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8781/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : INSTRUMENT CONNECTION TYPE UNIT PACK COMBINED CELL CARTRIDGE

(51) International classification	:H01M 10/00
(31) Priority Document No	:10-2009-0054070
(32) Priority Date	:17/06/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/003872
Filing Date	:16/06/2010
(87) International Publication No	:WO 2010/147384
(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)KANG, JEONG WOOK

(72)Name of Inventor :

1)KANG, JEONG WOOK

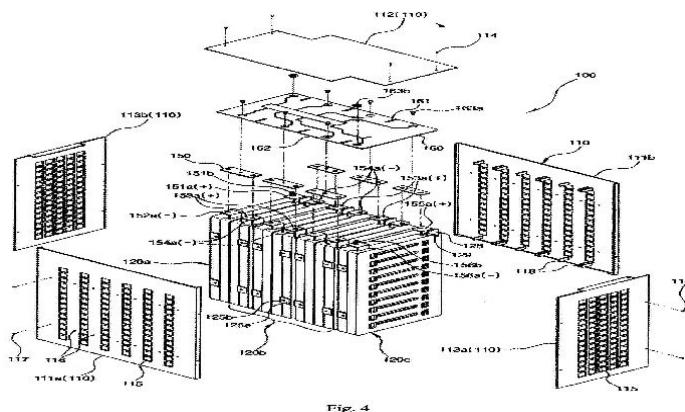
2)LEE, CHAN GEE

3)JANG, YONG HO

4)KIM, HA YOUNG

(57) Abstract :

The present invention relates to an instrument connection type unit pack combined cell cartridge assembled into a compound cell interconnection mesh, and to a combined cartridge electricity storage device assembled into a compound unit interconnection mesh in which a plurality of cell cartridges are electrically interconnected. The unit pack combined cell cartridge of the present invention is configured such that a plurality of cells are interconnected into a unit pack using a suitable device (bus bar), and a plurality of unit packs are interconnected into a unitary cartridge using a suitable device (intermediate conductor plate). The combined cartridge electricity storage device of the present invention is configured such that a plurality of unit pack combined cartridges are accommodated in an outer case and interconnected into a serial or parallel compound interconnection structure to form a unitary system. The present invention interconnects cells, unit packs and cartridges using an easily connectible or separable instrument, to thereby allow for ease of assembly and improve productivity. In addition, the number of cells used in a unit pack, the number of unit packs used in a cartridge, and the number of cartridges used in an electricity storage device can be adjusted and changed to change current capacity and voltage capacity with ease. FIGURE 4



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8784/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BIOPROCESSING

(51) International classification	:C12M 3/00
(31) Priority Document No	:61/180,019
(32) Priority Date	:20/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035302
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/135356
(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)MEDOFF, MARSHALL

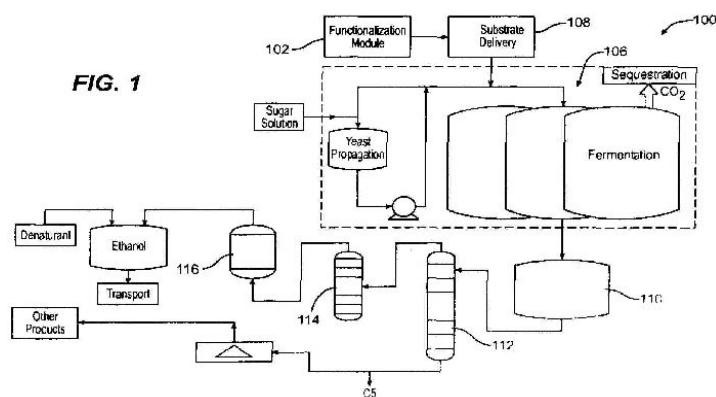
2)MASTERMAN, THOMAS

3)MEDOFF, HARRISON

(57) Abstract :

Functionalized substrate materials, for example inorganic particles and/or synthetic polymeric particles, are used to enhance bioprocesses such as saccharification and fermentation.

FIG. 1



No. of Pages : 35 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8788/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : THIENO [2, 3-B] PYRIDINE DERIVATIVES AS VIRAL REPLICATION INHIBITORS

(51) International classification	:C07D 495/04
(31) Priority Document No	:0908394.0
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/056754
Filing Date	:17/05/2010
(87) International Publication No	:WO 2010/130842
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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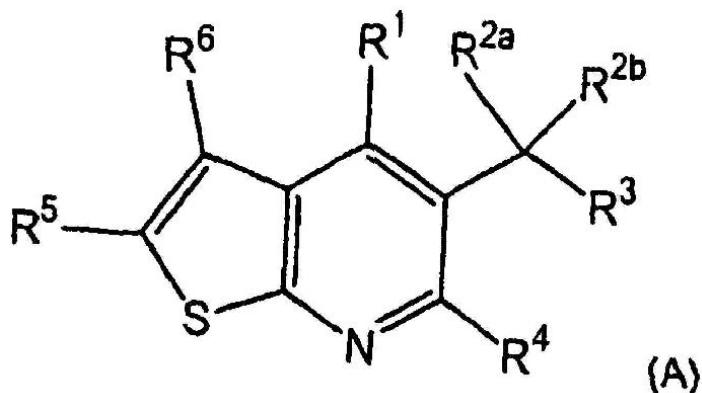
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- 3)CHRIST, FRAUKE
- 4)DEBYSER, ZEGER
- 5)DE MAEYER, MARC
- 6)MARCHAND, ARNAUD
- 7)MARCHAND, DAMIEN
- 8)VOET, ARNOOT

(57) Abstract :

The present invention relates to a series of novel compounds having antiviral activity, more specifically HIV (Human Immunodeficiency Virus) replication inhibiting properties. The invention also relates to methods for the preparation of such compounds, as well as to novel intermediates useful in one or more steps of such syntheses. The invention also relates to pharmaceutical compositions comprising an effective amount of such compounds as active ingredients. This invention further relates to the use of such compounds as medicines or in the manufacture of a medicament useful for the treatment of animals suffering from viral infections, in particular HIV infection. This invention further relates to methods for the treatment of viral infections in animals by the administration of a therapeutical amount of such compounds, optionally combined with one or more other drugs having anti-viral activity.



No. of Pages : 292 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8794/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SURGICAL FASTENERS, APPLICATOR INSTRUMENTS, AND METHODS FOR DEPLOYING SURGICAL FASTENERS

(51) International classification	:A61B 17/068	(71) Name of Applicant :
(31) Priority Document No	:12/464,177	1)ETHICON, INC.
(32) Priority Date	:12/05/2009	Address of Applicant :U.S. ROUTE 22, SOMERVILLE, NJ 08876, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/033963	1)SIMON COHN
Filing Date	:07/05/2010	2)MICHAEL CARDINALE
(87) International Publication No	:WO 2010/132282	3)RICHARD P. FUCHS
(61) Patent of Addition to Application Number	:NA	4)MATTHEW DAVID DANIEL
Filing Date	:NA	5)JEREMY DAVID JARRETT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A firing system for an applicator instrument adapted to dispense surgical fasteners includes a housing, an elongated shaft extending from the housing, a firing rod disposed within the elongated shaft, a firing rod release engageable with the firing rod for preventing distal movement of the firing rod during at least one stage of a firing cycle, a trigger mounted to the housing, and a firing spring having a first end connected with the firing rod and a second end adapted for being sequentially coupled and decoupled from the trigger during the firing cycle. The firing cycle includes an initial stage in which the trigger is open and decoupled from the energy storing element, and the firing spring is at least partially compressed, and a piloting stage during which the firing rod release is disengaged from the firing rod for enabling distal movement of the firing rod.

No. of Pages : 114 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8797/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SINGLE-AXIS SOLAR TRACKER AND SOLAR POWER INSTALLATION

(51) International classification	:F24J 2/54
(31) Priority Document No	:P 200901188
(32) Priority Date	:11/05/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2010/000155
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/130847
(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)SOLTEC ENERGIAS RENOVABLES, SL

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INDUSTRIAL LA SERRETA, E-30500 MOLINA DE SEGURA
(MURCIA), SPAIN

(72)**Name of Inventor :**

1)THOMAS GRANT

2)RAUL MORALES TORRES

(57) Abstract :

The present invention relates to a single-axis solar tracker and solar power installation. The tracker comprising: - a row H1 of coplanar and adjacent solar panels P secured to a horizontal common rotating shaft E1; - a support structure wherein said common rotating shaft E1 is rotatably mounted, - actuation means with a geared motor M in connection with a part P1 in the form of a circular sector secured to the common rotating shaft E1, and - a support base B1 attached to the ground wherein said support structure and said geared motor M are secured. The solar power installation comprises the solar tracker proposed with its actuation mechanism in mechanical connection with a series of actuation mechanisms of other solar trackers included in the installation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8798/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SURGICAL FASTENERS, APPLICATOR INSTRUMENTS, AND METHODS FOR DEPLOYING SURGICAL FASTENERS

(51) International classification	:A61B 17/064
(31) Priority Document No	:12/464,165
(32) Priority Date	:12/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/033960 :07/05/2010
(87) International Publication No	:WO 2010/132281
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)ETHICON, INC.

Address of Applicant :U.S. ROUTE 22, SOMERVILLE, NJ 08876, U.S.A.

(72)**Name of Inventor :**

1)MATTHEW DAVID DANIEL

2)SIMON COHN

3)ANTHONY MIKSZA

4)ROBERT NERING

5)MICHAEL CARDINALE

6)RICHARD P. FUCHS

7)JEREMY DAVID JARRETT

(57) Abstract :

An applicator Instrument for dispensing surgical fasteners includes a housing, an elongated shaft extending from the housing, the elongated shaft having a proximal end coupled with the housing and a distal end remote therefrom, and a firing system for dispensing surgical fasteners from the distal end of the elongated shaft. The firing system includes a firing rod disposed in the elongated shaft, the firing system having a firing cycle with a first stage for advancing the firing rod toward the distal end of the elongated shaft at a first rate of speed and a second stage for advancing the firing rod toward the distal end of the elongated shaft at a second rate of speed that is greater than the first rate of speed.

No. of Pages : 114 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8799/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SURGICAL FASTENERS, APPLICATOR INSTRUMENTS, AND METHODS FOR DEPLOYING SURGICAL FASTENERS

(51) International classification	:A61B 17/128
(31) Priority Document No	:12/464,151
(32) Priority Date	:12/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033959
Filing Date	:07/05/2010
(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)ETHICON, INC.

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1)ROBERT NERING

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3)MICHAEL CARDINALE

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5)MATTHEW DAVID DANIEL

6)JEREMY DAVID JARRETT

(57) Abstract :

An applicator Instrument for dispensing surgical fasteners includes a housing, an elongated shaft extending from the housing, a firing rod disposed inside the elongated shaft and being movable within a first plane between a retracted position and an extended position, an advancer disposed inside the elongated shaft and being moveable within a second plane between a retracted position and an extended position, and a staging assembly located adjacent the distal end of the elongated shaft and being adapted to align surgical fasteners with a distal end of the firing rod. The staging assembly is held below the second plane by the advancer when the advancer Is in the extended position and the staging assembly is adapted to move into at least partial alignment with the distal end of the firing rod when the advancer is in the retracted position.

No. of Pages : 115 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8806/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AUTOMATIC ANALYZER

(51) International classification	:G01N 21/75
(31) Priority Document No	:2009-114112
(32) Priority Date	:11/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/002632
Filing Date	:12/04/2010
(87) International Publication No	:WO 2010/131413
(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)KAMIHARA KUMIKO
2)MITSUYAMA SATOSHI
3)MIMURA TOMONORI
4)MANRI CHIHIRO**

(57) Abstract :

To change a photometric time for each item or to change a measurement time for each specimen so that time required for biochemical measurement can be reduced, an index that indicates an end of a reaction is required. Unfortunately, however, no methods have been available for determining the end of the reaction. In measuring a substance to be measured contained in a sample, a parameter in an approximate expression is calculated using a measured value that changes with time, a degree of convergence of a reaction is determined according to a degree of convergence of the parameter, and a measured value at the end of the reaction is calculated using the parameter at a point in time at which it is determined that the reaction has converged.

No. of Pages : 79 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8807/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NOVEL COMPOUNDS OF REVERSE-TURN MIMETICS, METHOD FOR MANUFACTURING THE SAME AND USE THEREOF

(51) International classification

:C07D 487/04

(31) Priority Document No

:KR 10-2009-
0032937

(32) Priority Date

:15/04/2009

(33) Name of priority country

:Republic of Korea

(86) International Application No
Filing Date

:PCT/KR2010/002306
:14/04/2010

(87) International Publication No

:WO 2010/120112

(61) Patent of Addition to Application
Number

:NA
:NA

Filing Date

(62) Divisional to Application Number
Filing Date

:NA
:NA

(71)**Name of Applicant :**

1) JW PHARMACEUTICAL CORPORATION

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1) JUNG, KYUNG-YUN

2) CHUNG, JAE UK

3) JEONG, MIN-WOOK

4) JUNG, HEE-KYUNG

5) LA, HYUN-JU

6) MA, SANG-HO

7) LEE, YONG-SIL

(57) Abstract :

Disclosed are novel reverse turn mimetics based on the framework or pyrazino-triazinone, and the use thereof in the treatment of cancers, particularly, acute myeloid leukemia. A method is also provided for manufacturing the reverse turn mimetics on a mass scale.

No. of Pages : 40 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8808/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR THE ENVIRONMENTALLY SEALED CONNECTION OF TWO AT LEAST PARTIALLY FLEXIBLE PACKAGES

(51) International classification	:B65B 69/00	(71) Name of Applicant :
(31) Priority Document No	:10 2009 017 545.8	1)FLECOTEC AG Address of Applicant :HAUPTSTR. 83 79379 MULLHEIM, GERMANY
(32) Priority Date	:17/04/2009	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)GUNTER UNTCH
(86) International Application No	:PCT/EP2010/001915	
Filing Date	:26/03/2010	
(87) International Publication No	:WO 2010/118817	
(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 method for contamination-free docking of a first at least partially flexible package (10) to a second at least partially flexible package (10'). The packages (10, 10') consist of films, at least in part, having outer sides (12) that can be solidly welded, and inner sides (14) can be detachably welded. According to the invention, a solid connection between the packages is produced outside the detachably welded inner sides in order to create a channel between the packages. The channel is opened by loosening the connection between the inner sides.

No. of Pages : 30 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8809/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MODULATION OF ACC SYNTHASE IMPROVES PLANT YIELD UNDER LOW NITROGEN CONDITIONS

(51) International classification	:C12N 9/88	(71) Name of Applicant :
(31) Priority Document No	:61/169,082	1)PIONEER HI-BRED INTERNATIONAL, INC.
(32) Priority Date	:14/04/2009	Address of Applicant :7100 N.W. 62ND AVENUE, P.O. BOX 1014, JOHNSTON, IA 50131-1014 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/031008	1)BETE NICHOLAS J.
Filing Date	:14/04/2010	2)COLLINSON SARAH T.
(87) International Publication No	:WO 2010/120862	3)HABBEN JEFFREY E.
(61) Patent of Addition to Application Number	:NA	4)LAFITTE HONOR RENEE
Filing Date	:NA	5)REIMANN KELLIE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides methods for improving plant yield, particularly under nitrogen limiting conditions. According to the invention, applicants have discovered that modulating ACC synthase activity in plants improves yield of plants, even when grown under low nitrogen conditions. The same plants, while demonstrating improved yield over non-modified plants, exhibited no deleterious effects under normal nitrogen conditions. The invention further provides methods using recombinant expression cassettes, host cells and transgenic plants.

No. of Pages : 178 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8719/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DEVICE FOR TRANSPORTING CONTAINERS

(51) International classification	:B65G 15/14
(31) Priority Document No	:10 2009 027 280.1
(32) Priority Date	:29/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055776
Filing Date	:29/04/2010
(87) International Publication No	:WO 2011/000590
(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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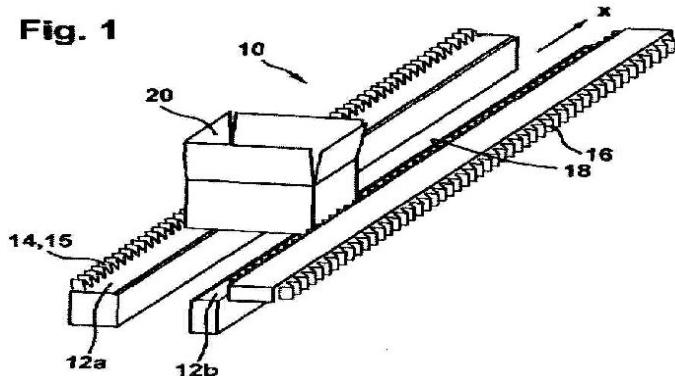
(72)Name of Inventor :

1)BAECHLE, ANDREAS

(57) Abstract :

The present subject matter relates to a device (10) for transporting containers (20), the device including a container support (12) movable in a transport direction (x). According to the present subject matter, the container support (12) is associated with a first and a second lateral transport guide (14, 16) to guide the containers (20) from both sides and at least one of the transport guides (14, 16) is moved in the transport direction (x) at the same speed as the container support (12) and the transport guides (14, 16) have clamping elements (8) to hold the containers (20) between the first and the second transport guides (14, 16).

Fig. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.88/DELNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NEW POLYELECTROLYTE COMPLEXES AND THE USE THEREOF

(51) International classification	:C08L 65/00
(31) Priority Document No	:10 2009 031 677.9
(32) Priority Date	:02/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/003861
Filing Date	:30/06/2010
(87) International Publication No	:WO 2011/000521
(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)LOVENICH, WILFRIED
2)ELSCHNER, ANDREAS

(57) Abstract :

The invention relates to novel polyelectrolyte complexes of a functionalised polysulphone and a conductive polymer and to the use thereof.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8820/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHODS AND DEVICES FOR FORMING CONTRACTION JOINTS IN CONCRETE WORKS

(51) International classification	:E01C 11/04
(31) Priority Document No	:P200901015
(32) Priority Date	:17/04/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2010/070225
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/119157
(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)JOSE RAMON VAZQUEZ RUIZ DEL ARBOL
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(72)Name of Inventor :

1)JOSE RAMON VAZQUEZ RUIZ DEL ARBOL

(57) Abstract :

Procedures and devices for the formation of retraction joints in works of concrete. The devices are made of a separating material of concrete and their configuration comprises: a) A vertical wall (15, 15') in its top portion that is planned to be placed underneath the surface fissure line of the retraction joint on the top face of the concreted surface; b) Two prismatic surfaces (17, 17') equal on their bottom part deployed on alternate sides with respect of said vertical wall and configured for the formation of entries and exits imbricated between adjacent slabs forming the faces of support (21, 21') of one slab over the other at angles of between 0 and -10 with respect of the horizontal plane. The procedures are based on the insertion of said devices in fresh concrete in the position planned for each retraction joint using mechanical means for this purpose.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8821/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING THE VOLTAGE AT THE ELECTRODES OF A SPOT WELDING GUN

(51) International classification	:B23K 11/11	(71) Name of Applicant :
(31) Priority Document No	:A 747/2009	1)FRONIUS INTERNATIONAL GMBH
(32) Priority Date	:14/05/2009	Address of Applicant :VORCHDORFER STRASSE 40, A-4643 PETTENBACH, AUSTRIA
(33) Name of priority country	:Austria	(72) Name of Inventor :
(86) International Application No	:PCT/AT2010/000164	1)HELMUT ENNSBRUNNER
Filing Date	:12/05/2010	2)THOMAS GSCHMEIDLER
(87) International Publication No	:WO 2010/129982	
(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 method and an apparatus for determining the temporal curve of the voltage ($U_e(t)$) at the electrodes (3) of a spot welding gun (1) during a spot welding process as an indicator of the welding quality, wherein the electrodes (3) are fastened to gun arms (2) that can be moved relative to each other, comprising a device (9) for measuring a measuring voltage ($u_m(t)$) between the electrodes (3), said measuring device (9) being connected to measuring leads (6) extending along the gun arms (2), and further comprising a compensating coil (7) for measuring a compensating voltage ($U_k(t)$) for compensating measuring errors within measuring leads. In order to determine the temporal curve of the voltage ($U_e(t)$) at the electrodes (3) of the spot welding gun (1) during a spot welding process as precisely as possible, the device (9) for measuring the measuring voltage ($u_m(t)$) and the device (10) for measuring the compensating voltage ($U_k(t)$) are designed as separate units for separate detection and are connected to a device (11) for processing the detected values.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8822/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : OBJECT CLASSIFICATION

(51) International classification	:G06K 9/62
(31) Priority Document No	:0908271.0
(32) Priority Date	:14/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050781
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/131043
(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)CHRISTOPHER MARK LLOYD

3)MARK LAWRENCE WILLIAMS

4)DAVID NICHOLSON

(57) Abstract :

A method and apparatus for selecting a value or change in value of a measurement variable for an observation of an object, comprising: receiving models for the object defined in terms of an observation parameter and a measurement variable; selecting values of the measurement variable; for each model, determining a value of the observation parameter for each selected value; for each selected value, determining a value of an expected classification potential level using the determined values; and selecting a value of the measurement variable dependent upon the potential level values; wherein the potential level is an expected level of: the information or lack of information, and/or the certainty or uncertainty, with which the object could be classified if a measurement of the observation parameter were taken of the object at the respective value of the measurement variable. (Figure 9)

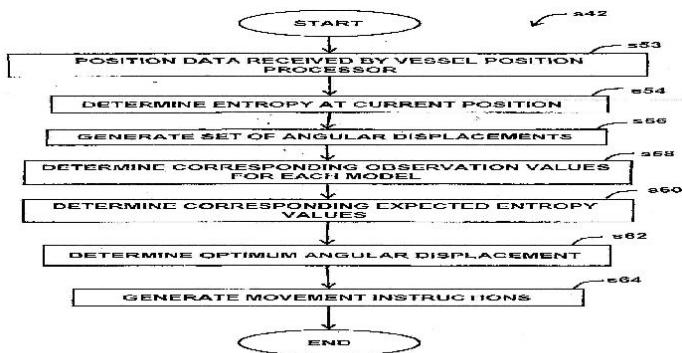


FIG. 9

No. of Pages : 67 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8813/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ASSISTING A PERSON IN CONFIGURING AN AUDIO/VIDEO SYSTEM

(51) International classification	:H04S 7/00
(31) Priority Document No	:12/465,763
(32) Priority Date	:14/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/034178 :10/05/2010
(87) International Publication No	:WO 2010/132327
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SURAJ C. IYER

2)WILLIAM BERARDI

3)CHRISTINE M. HOSTAGE

4)LEELA KESHAVAN

5)VALERIE S. LIEBHOLD

6)ANDREW OLCOTT

7)JOHN MICHAEL SAKALOWSKY

8)CONOR SHEEHAN

9)LEE ZAMIR

(57) Abstract :

An audio/video switchbox includes a housing and one or more jacks on the housing. Each jack is configured to be connected to an end of a signal cable. A logic and control controls operation of the switchbox. The switchbox is connectable to a video display so that video images from the switchbox can be presented on the display. The switchbox is able to present an image on the display requesting that a person indicate which type of signal cable will be used to connect an audio/video device to the switchbox. The switchbox is able to automatically detect when an end of a signal cable selected by the person has been connected to one of the jacks.

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8817/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : EVAPORATIVE COOLING DEVICE

(51) International classification	:F28F 25/10
(31) Priority Document No	:0906502.0
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000750
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/119250
(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 FORBES PEARSON

(57) Abstract :

An evaporative cooler for cooling a fluid contained in an array of spaced heat exchange elements by heat transfer to a cooling liquid flowing downwardly around the elements in counter current flow to an upwardly flowing gas; comprises a casing (1) housing the array (2) of spaced heat exchange elements, the gas flowing upwardly through the casing, and humid gas leaving the casing at an upper end; a restrictor (3) comprising a series of apertures (3a) located below the array of spaced heat exchange elements: the spaces between the heat exchange elements being aligned with the apertures, such as to provide substantially straight upwardly directed gas-flow channels through the heat exchange array, gas being drawn into the casing through the restrictor apertures and producing a pressure drop sufficient to inhibit loss of cooling liquid from a lower end of the cooler; and a coalescer (6) located above the heat exchange array, such that liquid droplets entrained in the upward gas flow are captured and coalesced to a size whereby coalesced liquid droplets fall down onto the heat exchange array. The restrictor apertures may be slots or boles. The heat exchange elements may be tubes or hollow plates.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8832/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DIAGNOSTIC DEVICES INCORPORATING FLUIDICS AND METHODS OF MANUFACTURE

(51) International classification	:G01N 1/10
(31) Priority Document No	:10/856,782
(32) Priority Date	:01/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2005/000843
Filing Date	:01/06/2005
(87) International Publication No	:WO 2005/119200
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:8019/DELNP/2006
Filed on	:29/12/2006

(71)Name of Applicant :

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ONTARIO K 1 G 6C6 (CA) Canada

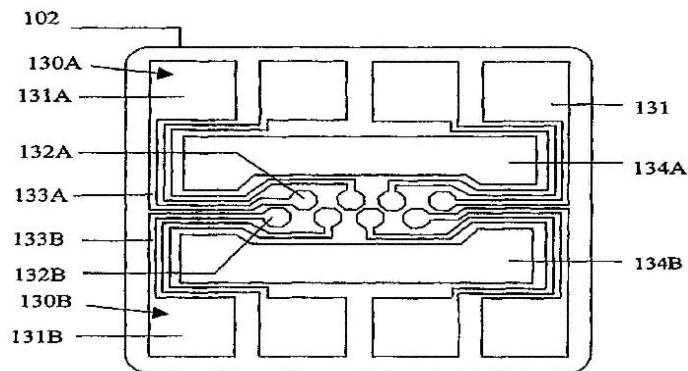
(72)Name of Inventor :

1)LAUKS, IMANTS

2)MACZUSZENKO, ANDRZEJ

(57) Abstract :

The present invention relates to diagnostic devices incorporating electrode modules and fluidics for performing chemical analyses. The invented devices consist of a sensor array formed on an electrode module, the sensor array being contained within a fluidic housing. The electrode module is a laminate of a perforated epoxy foil and a photo-formed metal foil with sensor membranes deposited into the perforations. The fluidic housing is an element consisting of a plastic card-like body with fluidic conduits and a sealed fluid reservoir contained in a foil-lined cavity.



No. of Pages : 33 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8836/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : INFANT CEREAL COMPRISING NON-REPLICATING PROBIOTIC MICROORGANISMS

(51) International classification	:A61K 35/74
(31) Priority Document No	:09159925.8
(32) Priority Date	:11/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056404
Filing Date	:11/05/2010
(87) International Publication No	:WO 2011/000621
(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)MERCENIER, ANNICK

2)NUTTEN, SOPHIE HELENE

3)PRIOULT, GUENOLEE

(57) Abstract :

The present invention relates to the field of infant cereals. In particular, the present invention relates to the field of infant cereals that can be used to strengthen the immune system of the infant and/or that can be used to treat or prevent inflammatory disorders. For example these benefits can be provided by probiotic micro-organisms. An embodiment of the present invention relates to an infant cereal comprising non-replicating probiotic-micro-organisms, for example bioactive heat treated probiotic micro-organisms.

No. of Pages : 47 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8839/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BREAKFAST CEREALS CONTAINING PROBIOTIC MICRO ORGANISMS

(51) International classification	:A61K 35/74
(31) Priority Document No	:09159925.8
(32) Priority Date	:11/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056400
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/139531
(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)MERCENIER, ANNICK

2)NUTTEN, SOPHIE HELENE

3)PRIOULT, GUENOLEE

(57) Abstract :

The present invention relates to the field of nutrition. In particular, the present invention relates to a breakfast cereal composition comprising probiotic micro-organisms. These probiotic micro-organisms may be non-replicating probiotic microorganisms such as bioactive heat treated probiotic micro-organisms, for example.

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8841/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : TIRE INSPECTION APPARATUS

(51) International classification	:G01N 21/954
(31) Priority Document No	:2009-116206
(32) Priority Date	:13/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058086
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/131698
(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)FUJISAWA YOSHITAKA

(57) Abstract :

A tire inspection apparatus capable of performing appearance inspection of the inner surface or the outer surface of a tire, for instance, in shortened processing time by efficiently shooting the images of the tire and accurately synthesizing the images captured. The tire inspection apparatus is so arranged that a plurality of cameras (11) to (13) are located at relatively displaced circumferential positions and also set for the respective shooting positions different from each other in the axial direction of the tire. Thus the images of the inner circumferential surface of the tire are shot by the plurality of cameras as the tire is rotated circumferentially relative to the plurality of cameras. During this operation, markers are inserted at the same time in the images shot by all of the cameras. The images thus shot by all of the cameras are synthesized using these markers as reference positions in aligning the shot images in accordance with the relative displacements of the cameras in the circumferential direction.

No. of Pages : 62 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8844/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : YIELD ENHANCEMENT IN PLANTS BY MODULATION OF A MAIZE TRANSCRIPTION COACTIVATOR P15 (PC4) PROTEIN

(51) International classification	:C12P 19/34	(71) Name of Applicant :
(31) Priority Document No	:61/171,173	1)PIONEER HI-BRED INTERNATIONAL, INC.
(32) Priority Date	:21/04/2009	Address of Applicant :7100 N.W. 62ND AVENUE, JOHNSTON, IOWA 50131-1014 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/029560	1)LI GUOFU
Filing Date	:01/04/2010	
(87) International Publication No	:WO 2010/123667	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compositions and methods for modulating plant development and for increasing yield in a plant are provided. The compositions include a PC4 sequence. Compositions of the invention comprise amino acid sequences and nucleotide sequences selected from SEQ ID NOS: 1 and 2 as well as variants and fragments thereof. Nucleotide sequences encoding the PC4 molecule are provided in DNA constructs for expression in a plant of interest are provided for modulating the level of a PC4 sequence in a plant or a plant part are provided. The methods comprise introducing into a plant or plant part a heterologous polynucleotide comprising a PC4 sequence of the invention. The level of the PC4 polypeptide can be increased or decreased. Such method can be used to increase the yield in plants; in one embodiment, the method is used to increase grain yield in cereals.

No. of Pages : 54 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8846/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : 5-PYRIDIN-3-YL-1,3-DIHYDRO-INDOL-2-ON DERIVATIVES AND THEIR USE AS MODULATORS OF ALDOSTERONE SYNTHASE AND/OR CYP11B1

(51) International classification	:C07D 401/04	(71) Name of Applicant :
(31) Priority Document No	:61/178,684	1)NOVARTIS AG
(32) Priority Date	:15/05/2009	Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL, SWITZERLAND.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/056569	1)ADAMS CHRISTOPHER MICHAEL
Filing Date	:12/05/2010	2)CHAMOIN SYLVIE
(87) International Publication No	:WO 2010/130794	3)HU QI-YING
(61) Patent of Addition to Application Number	:NA	4)ZHANG CHUN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a compound a formula (I); or a pharmaceutically acceptable salt thereof, wherein: X is CH₂, O, S or NR₁; each R₁ are independently C₁-7alkyl or C₃-8cycloalkyl; each of R and R' are independently hydrogen, halogen, cyano, C₁-7alkyl, hydroxy-C₁-7alkyl, -OR₇, C₃-8cycloalkyl, halo-C₁-7alkyl or -CH₂-NR₈-SO₂-R₁₀; R₃ and R₄ are independently hydrogen, halogen or cyano; R₅ is hydrogen, C₁-2alkyl, halogen, cyano, hydroxy, hydroxy-C₁-7alkyl, hydroxy-C₃-8 cycloalkylalkyl, C₁-7alkoxy-C₃-3alkyl, -OR₇, C₆-10aryl, heteroaryl, heterocycl, C₃-8 cycloalkyl, halo- C₁-7alkyl, -NR₈R₉, -CH₂NR₈-C(O)NR₈R₉, -CH₂-NR₆-SO₂-R₁₀, -C(O)- R₁₀ -SO₂R₁₀, -C(O)-NR₅R₉ -SO₂-NR₈R₉, -NR₃C(O)-R₁₀ -CH₂CN, or -NR₈-SO₂-R₁₀. Compounds of the invention may be useful in the treatment of a disorder or disease mediated by aldosterone synthase and/or 11-beta hydroxylase (CYP11B1).

No. of Pages : 134 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8848/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PISTON-CHAMBER HYDRO-GRAVITY ENGINE

(51) International classification	:F03G 7/10
(31) Priority Document No	:20090100228
(32) Priority Date	:14/04/2009
(33) Name of priority country	:Greece
(86) International Application No	:PCT/GR2010/000015
Filing Date	:30/03/2010
(87) International Publication No	:WO 2010/119299
(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)PAPADOPOULOS, STYLIANOS

(72)Name of Inventor :

1)NTOUKOLIANOS, STEFANOS

(57) Abstract :

A piston-chamber hydro-gravity engine capable of converting the stagnant volume of the liquid matter of sea, lake, pond or artificially made hydro container, to a moving volume of liquid matter that flows back upon itself and in meanwhile exploits this motion as a working agent to produce mechanical kinetic power, capable of being used for mechanical production of kinetic work for hydro-electricity generation, or to be used multi-purposely for other energy needs that demand mechanical kinetic force sufficient to solve energy production problems worldwide forever beneficial to the economy and, friendly to the environment, consisting of particular accessories of mechanisms embodied in a single system of mutual successive co-operation by exploiting gravity, that is the hydro-container (7), capable of creating the means of exploiting the gravity-hydro-static tension of squashing compression exist within the volume of liquid matter of the sea, lake, pond or artificially made containers, the cylinder-chamber (15) and piston-chamber (1) these convert the stagnant gravity- hydro-static tension of force into a fluctuating homo-acting and counter-acting to gravity hydro-gravity-moving-force of action, that compels the piston-chamber (1) to reciprocate, the hermetically sealed vessel crank-cam-shaft chamber (8) operating as a participant in creating the means of the system piston-chamber hydro-gravity engine's function and meanwhile participating in the embodiment system that converts the reciprocating motion of piston-chamber (1), to a rotating motion capable of being used multi-purposely, where for the piston-chamber hydro-gravity engine to function it is necessary for the hydro-gravity force of action of conduits (19) to be less than the hydro-gravity force of action of piston-chamber (1), the area where conduits (19) adjusted hermetically fixed at the trunk of the cylinder-chamber (15) to be under the B.D.C. of piston-chamber (1) Reciprocating motion, the diameter of crank (11) to be approximately smaller than the distance of one period reciprocating motion of piston- chamber (1) which is between the T.D.C. and the B.D.C, the disc-valve (2) and the disc-valve (17) to close and open simultaneously when the piston-chamber is at the T.D.C and B.D.C. of each period of its reciprocating motion within the gravity-hydrostatic tension of squashing compression through the inside area of cylinder-chamber (15).

No. of Pages : 63 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8863/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHODS AND COMPOSITIONS TO DETECT AND DIFFERENTIATE SMALL RNAs IN RNA MATURATION PATHWAY

(51) International classification	:C12Q 1/68
(31) Priority Document No	:61/169,952
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030995
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/120853
(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)PARDIWALA, RAJIV

(72)Name of Inventor :

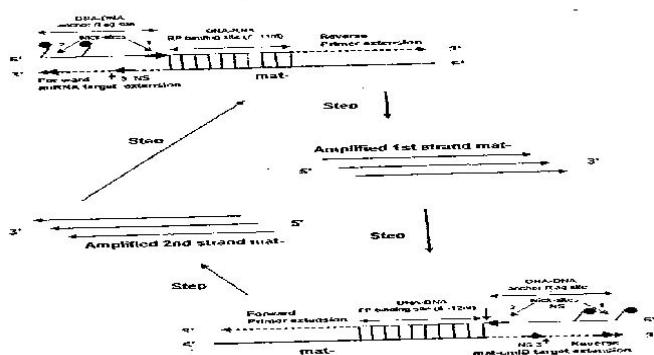
1)ARUNACHALAM, PADMA

2)PARDIWALA, RAJIV

(57) Abstract :

Embodiments of the invention include methods to specifically detect and differentiate one or more small RNAs in miRNA maturation pathway. FIGURE 1-1

FIGURE 1-1



No. of Pages : 101 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8864/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DATA CENTRE

(51) International classification	:H05K 7/20	(71)Name of Applicant :
(31) Priority Document No	:0909584.5	1)BRIPCO BVBA
(32) Priority Date	:03/06/2009	Address of Applicant :HENRI VAN HEURCKSTRAAT 15,
(33) Name of priority country	:U.K.	B-2000 ANTWERP, BELGIUM
(86) International Application No	:PCT/GB2010/000759	(72)Name of Inventor :
Filing Date	:15/04/2010	1)ROGERS, PAUL
(87) International Publication No	:WO 2010/139921	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A data centre (100) includes at least one rack room (in for example module 140) having a floor and a plurality of rack storage areas on the floor, each rack storage area being arranged to accommodate a plurality of racks (143) in which a plurality of rack-mountable electronic components may be housed, one or more controllable air circulation systems (in for example module 122), one or more cold aisles (144) in the rack room, each cold aisle being adjacent to a rack storage area, and one or more hot aisles (145) in the rack room, each hot aisle being adjacent to a rack storage area. There may be a large air duct, in the form of a personnel corridor (123), for transporting, under the control of the one or more air circulation systems, cooling air, above the floor, to the one or more cold aisles. The air supply corridor/duct (123) may have a height greater than 1.5m above the floor and a cross-sectional area of at least 2m² and a maximum dimension in the plane of the cross-section of less than 3m.

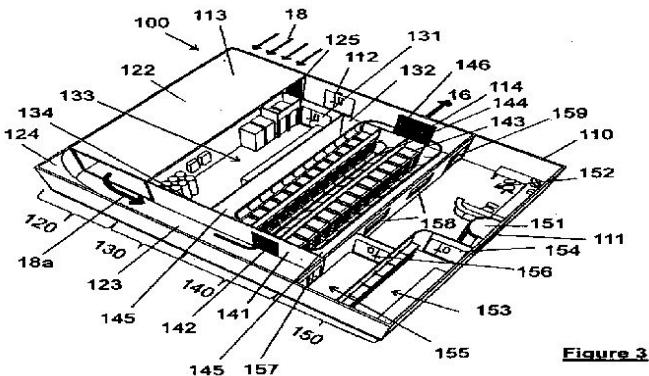


Figure 3

No. of Pages : 75 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8824/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : STRIP CASTING METHOD AND TWIN ROLL CASTING MACHINE

(51) International classification	:B22D 11/06	(71) Name of Applicant :
(31) Priority Document No	:NA	1)IHI CORPORATION
(32) Priority Date	:NA	Address of Applicant :1-1, TOYOSU 3-CHOME, KOTO-KU, TOKYO 135-8710 JAPAN
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:PCT/JP2009/002704	1)HIROYUKI OTSUKA, KATSUMI NAKAYAMA AND HIROKI YOSHIZAWA
Filing Date	:15/06/2009	
(87) International Publication No	:WO 2010/146621	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Control for complementing/suppressing insufficient/excessive heat removal by making a molten metal pool 8 deeper/shallower to extend/shorten the time for which the metal is in contact with outer peripheries of chilled rolls 1 is combined with control for preventing oscillation of the molten metal pool by vertically displacing the nozzle piece to keep constant a relative position between the nozzle piece and the free liquid level of the molten metal pool, so that oxides and other impurities adhering to the nozzle piece are not fallen off into the molten metal pool and are not caught in solidified shells.

No. of Pages : 27 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8879/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SEALING ASSEMBLY FOR A ROLLING BEARING'

(51) International classification	:F16C 33/78
(31) Priority Document No	:10 2009 021 470.4
(32) Priority Date	:15/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/056324
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/130669
(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)CLAUS GUCKENBERGER
3)STEPHAN HERBST

(57) Abstract :

Sealing assembly for a rolling bearing having at least one cover element (1) for covering a bearing gap along a cover plane (2) wherein for securing purposes the cover element (1) is provided a securing section and a sealing collar as well as a base part (3) connecting the securing section and the sealing collar and having at least one sealing surface (6, 7, 9, 10) being provided on the sealing collar for non-contact sealing characterized in that the sealing collar on its starting section extends from the base part (3) diagonally toward the inner side of the cover element (1) facing the bearing interior and at its end section extends from the inside toward the outer side of the cover element (1) facing away from the bearing interior and forming a sealing surface (7,10) substantially perpendicular to the cover plane (2) as well as an edge (4) at the end of the end section impeding the inflow of impurities into the bearing interior.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8887/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : POLYAXIAL FASTENER SYSTEMS AND METHODS

(51) International classification	:A61B 17/84
(31) Priority Document No	:61/178,633
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034996
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/132830
(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)DAVID E. CHREENE

(57) Abstract :

Systems for reducing a fracture in a bone, comprising a bone plate and a polyaxial fastener. In some examples the head of the polyaxial fastener has a deformable portion. As a fastener is inserted into an opening of a bone plate, threads located within the opening deform the deformable portion to secure the fastener in place at a desired angle within the opening. The head of the fastener also includes a bottom portion that bears against a portion of the opening to move the bone plate relative to the underlying tissue. A securing member or other structure may be included at the interface of the head and the deformable portion to secure the deformable portion to the head. At least one flute may be included on the deformable portion that provides a lead-in for the threads within the opening to cut into the deformable portion.

No. of Pages : 55 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8889/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : TYRE BEAD FOR A LARGE GOODS VEHICLE

(51) International classification	:B60C 15/06
(31) Priority Document No	:0903046
(32) Priority Date	:22/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/058560
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/149570
(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)BOPHA GRISIN

2)CHRIS BOYER

(57) Abstract :

The invention relates to improving the durability of a tyre for a heavy goods vehicle comprising two beads and a carcass reinforcement comprising a main part (161) wrapped within each bead around a bead wire core (171, 172) to form a turned-back portion (162), each bead comprising an additional reinforcement (163) and a filler profiled element extending the bead wire core radially outwards, this filler profiled element having, in any meridian plane, a triangular cross section and being formed of a stack in the radial direction of at least two polymer materials (11, 12, 13) in contact along a contact surface that intersects any meridian plane along a meridian line (112, 123). According to the invention, the axially outermost end (E123, E123) of the meridian line of any contact surface for contact between two polymer materials of the filler profiled element is the radially outermost point on the said meridian line, the axially innermost end (I112, I123) of the said meridian line is the radially innermost point of the said meridian line, the said meridian line is at least partially radially on the outside of the straight line that passes through the two ends (E112, 1112, E123, 1123) of the said meridian line, and the elastic modulus of the polymer material (11) of the filler profiled element in contact with the bead wire core is greater than the elastic modulus of any other polymer material (12, 13) of the filler profiled element. Figure for the Abstract: FIG. 1

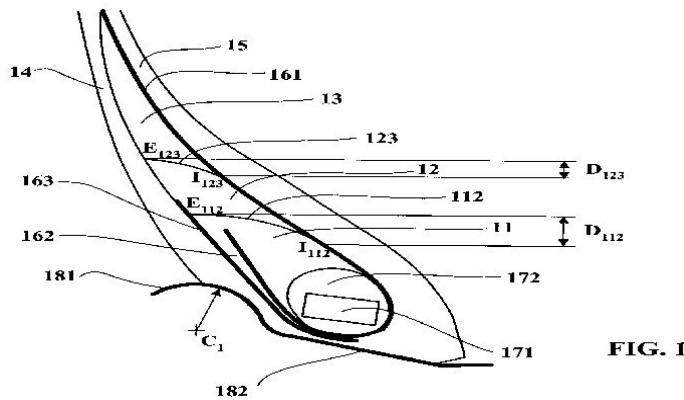


FIG. 1

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8872/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS AND PLANT FOR RECOVERING ARGON IN A SEPARATION UNIT FOR A PURGE GAS USED IN THE SYNTHESIS OF AMMONIA

(51) International classification	:F25J 3/02
(31) Priority Document No	:0953730
(32) Priority Date	:05/06/2009
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2010/051089 :03/06/2010
(87) International Publication No	:WO 2010/139905
(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)HERNANDEZ ANTOINE**
- 3)SAULNIER BERNARD**
- 4)SAMY LAURENT**
- 5)TSEVERY JEAN-MARC**
- 6)VICTOR MARIE-PASCAL**

(57) Abstract :

A plant for producing an argon-rich stream from a mixture formed by a purge fluid in an ammonia production plant comprises: at least one phase separator (7, 17); a methane scrubbing column (21); a methane separation column (31); a nitrogen/argon separation column (41); a line for sending the mixture into at least one phase separator, to produce at least a hydrogen-enriched gas and a hydrogen-depleted liquid; a line for sending at least a portion of the hydrogen-depleted liquid into the bottom of the methane scrubbing column, to form an overhead gas and a bottoms liquid; a line for sending at least a portion of the bottoms liquid from the methane scrubbing column to the methane separation column, to produce a methane-enriched bottoms liquid and a methane-depleted overhead gas; a line for sending at least a portion of the methane-depleted overhead gas to the nitrogen/argon separation column, to form a nitrogen-enriched fluid as overhead of said column; a line for withdrawing an argon-rich liquid as bottoms of said column, serving as product; and a line for sending at least a portion of the methane-enriched bottoms liquid to the top of the methane scrubbing column.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8898/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BLOWER-SHAFT CONNECTION FOR A COOLING FAN OF A MOTOR VEHICLE AND METHOD FOR MOUNTING A BLOWER-SHAFT CONNECTION

(51) International classification	:F04D 29/26
(31) Priority Document No	:10 2009 003 271.1
(32) Priority Date	:20/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055668
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/133428
(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)CASAGRANDE, JULIEN

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(57) Abstract :

Described herein is a blower-shaft connection (1) for a cooling fan of a motor vehicle, particularly having low fan power, comprising a shaft (10), a driver (20) fastened to the shaft (10) in a rotationally fixed manner, and a blower (30) that is located on the shaft (10), and which is connected to the driver (20) in a rotationally fixed manner and also fastened in a rotationally fixed manner to the shaft (10). Characterized in that, the driver (20) engages in the shaft (10) such that the driver (20) and the blower (30) are fastened, in a longitudinal direction of the blower-shaft connection (1), to the shaft (10).

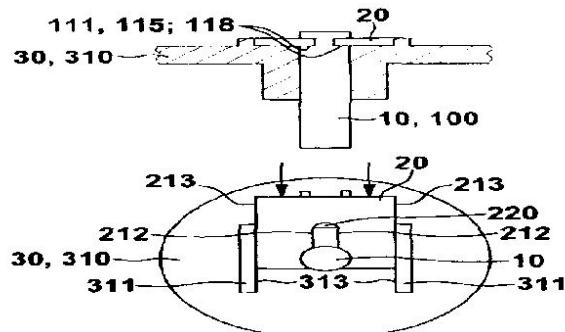


Fig. 5

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8909/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COMPOUNDS WITH TWO FUSED BICYCLIC HETEROARYL MOIETIES AS MODULATORS OF LEUKOTRIENE A4 HYDROLASE

(51) International classification	:C07D 413/12	(71)Name of Applicant :
(31) Priority Document No	:61/178,169	1)JANSSEN PHARMACEUTICA NV
(32) Priority Date	:14/05/2009	Address of Applicant :TURNHOUTSEWEG 30, B-2340
(33) Name of priority country	:U.S.A.	BEERSE, BELGIUM
(86) International Application No	:PCT/US2010/034597	(72)Name of Inventor :
Filing Date	:12/05/2010	1)GENESIS M. BACANI
(87) International Publication No	:WO 2010/132599	2)CHRISTA C. CHROVIAN
(61) Patent of Addition to Application Number	:NA	3)WENDY ECCLES
Filing Date	:NA	4)ANNE M. FOURIE
(62) Divisional to Application Number	:NA	5)LAURENT GOMEZ
Filing Date	:NA	6)CHERYL A. GRICE
		7)AARON M. KEARNEY
		8)ADRIENNE LANDRY-BAYLE
		9)ALICE LEE-DUTRA
		10)ALEJANDRO SANTILLAN, JR.
		11)VIRGINIA M. TANIS
		12)JOHN J.M. WIENER

(57) Abstract :

Compounds with two fused bicyclic heteroaryl moieties and their pharmaceutical compositions, and methods of using them as leukotriene A4 hydrolase (LTA4H) modulators and for the treatment of diseases, disorders and conditions mediated by LTA4H.

No. of Pages : 405 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8911/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AZETIDINYLN DIAMIDES AS MONOACYLGLYCEROL LIPASE INHIBITORS

(51) International classification

:C07D 401/06

(31) Priority Document No

:61/171,658

(32) Priority Date

:22/04/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/032092

Filing Date

:22/04/2010

(87) International Publication No

:WO 2010/124116

(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)CHRISTOPHER M. FLORES

5)SHU-CHEN LIN

6)LI LIU

7)JOHN MABUS

8)MARK J. MACIELAG

9)MARK E. MCDONNELL

10)PHILIP M. PITIS

11)SUI-PO ZHANG

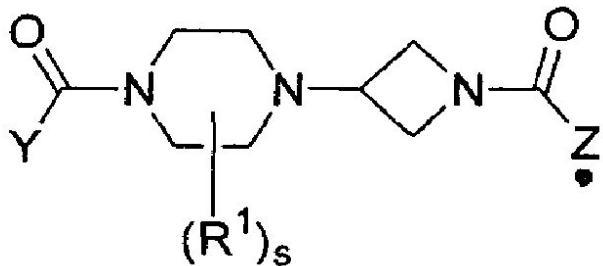
12)YUE-MEI ZHANG

13)BIN ZHU

14)JOSE CLEMENTE

(57) Abstract :

Disclosed are compounds, compositions and methods for treating various diseases, syndromes, conditions and disorders, including pain. Such compounds are represented by Formula (I) as follows: Formula (I) wherein Y, Z, R₁, and s are defined herein.



Formula (I)

No. of Pages : 448 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8916/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CODING/DECODING CONVERSION CONTROL METHOD, MEDIA GATEWAY AND SYSTEM UNDER SOFT-SWITCH ARCHITECTURE

(51) International classification	:H04W 28/00	(71) Name of Applicant :
(31) Priority Document No	:200910084784.X	1)ZTE CORPORATION
(32) Priority Date	:19/05/2009	Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE 518057, P.R.CHINA
(33) Name of priority country	:China	
(86) International Application No Filing Date	:PCT/CN2010/072746 :13/05/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/148719	1)CHEN, HAO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a method, media gateway and system for controlling encoding and decoding transcoding under Softswitch architecture, wherein this method includes: a media gateway obtaining an encoding and decoding algorithm capability set supported by a first terminal; the media gateway obtaining an encoding and decoding algorithm used by a second terminal; the media gateway judging whether the encoding and decoding algorithm used by the second terminal is in the encoding and decoding algorithm capability set supported by the first terminal, and if yes, not applying for a voice transcoder card (VTC) channel, and directly carrying out transparent transmission on a service of the first terminal and the second terminal; or else, applying for the VTC channel, taking use of the VTC channel to carry out encoding and decoding algorithm transcoding on the service of the first terminal and the second terminal, and carrying out transmission on a transcoded service. The scheme of the present invention saves the VTC channel resources, reduces the device cost and maintenance cost, and improves the communication efficiency and connection rate of the calling and called terminals.

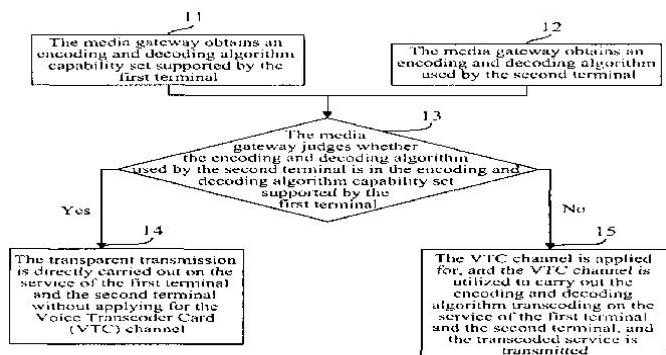


FIG. 1

No. of Pages : 42 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8919/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MOTOR VEHICLE AIR-CONDITIONING LOOP COMPRISING A VOLUME EXPANSION CHAMBER

(51) International classification	:B60H 1/00	(71) Name of Applicant :
(31) Priority Document No	:0953148	1)RENAULT S.A.S.
(32) Priority Date	:13/05/2009	Address of Applicant :13-15N, QUAI LE GALLO, F-92100
(33) Name of priority country	:France	BOULOGNE BILLANCOURT, FRANCE
(86) International Application No	:PCT/FR2010/050182	(72) Name of Inventor :
Filing Date	:04/02/2010	1)ALFONSO HERNANDEZ-GARCIA
(87) International Publication No	:WO 2010/130903	2)ISAAC SANTIAGO-CASTRENO
(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 motor vehicle air-conditioning loop comprising a compressor (1) connected to a condenser and to an evaporator by means of pipes, each of which includes a rigid pipe (3a) connected to a flexible pipe (3b), as well as a volume expansion chamber (8) which dampens the pulsed pressure waves generated by the compressor (1) and is arranged between the compressor (1) and one of the flexible pipes (3b), characterized in that said volume expansion chamber (8) is connected directly to the inlet (9) or to the outlet of the compressor (1).

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8920/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : IMAGE DISPLAY APPARATUS, IMAGE DISPLAY SYSTEM, IMAGE PRESENTATION METHOD, AND COMPUTER PROGRAM

(51) International classification	:H04N 13/04
(31) Priority Document No	:P2010-081029
(32) Priority Date	:31/03/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2011/055647 :10/03/2011
(87) International Publication No	:WO 2011/122291
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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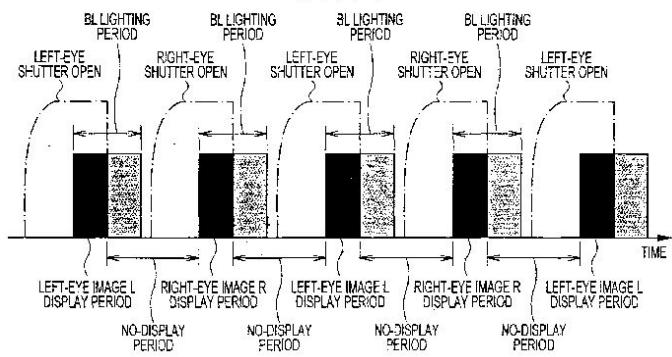
2)YUJI NAKAHATA

3)RYO OGAWA

(57) Abstract :

A plurality of images are alternately switched and displayed on the screen in a very short cycle while preventing crosstalk between the images. Because a backlight 12 is lit on the liquid crystal display 10 side after a shutter mechanism on the shutter glasses 20 side has responded sufficiently, there is no adverse effect caused by lack of response at the time of rising of the shutter mechanism. Also, it is possible to raise peak brightness in comparison to the method of keeping the backlight 12 lit at all times, thereby enabling an improvement in brightness when displaying a stereoscopic image. On the other hand, a drop in the temperature of a liquid crystal display panel 11 following extinguishing of the backlight 12 becomes less, and so does deterioration of crosstalk. [Selected Figure] Fig. 4

FIG. 4



No. of Pages : 50 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8924/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BONE CUTTING ASSEMBLY

(51) International classification	:A61B 17/14
(31) Priority Document No	:0909121.6
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050701
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/136784
(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)ANDREW MARSH

2)URI VERTHIME

(57) Abstract :

An assembly for use in cutting a bone during a surgical procedure comprises a cutting tool and a guide block. The cutting tool includes a blade and a drive unit for imparting a cutting motion to the blade. The guide block can be positioned against the bone and has a reference surface for guiding the blade during the cutting step, the guide block having a screen surface which provides a point of reference to indicate proper alignment of the blade. The cutting tool includes means for directing a collimated beam of light in a direction parallel to the blade, on to the screen surface on the guide block when the blade is in contact with the guide surface, the distance between the blade axis and the light beam being equal to the distance between the reference surface and the point of reference on the screen surface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/02/2012

(21) Application No.893/DELNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ARRANGEMENT AND METHOD FOR MEASURING THE DEFORMATION OF A SHAFT

(51) International classification	:F16C
(31) Priority Document No	:11152834.5
(32) Priority Date	:01/02/2011
(33) Name of priority country	:U.K.
(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)ALSTOM Technology Ltd

Address of Applicant :BROWN BOVERI STRASSE 7, CH-5400 BADEN, SWITZERLAND

(72)Name of Inventor :

1)PHILIP DAVID HEMSLEY

(57) Abstract :

A method for measuring the deformation of a shaft (2) by means of a device comprises: before the deformation is applied illuminating a pattern (3) applied on the shaft (2) and detecting a first reference position by detecting the radiation reflected by the pattern (3), after the deformation is applied illuminating the pattern (3) and detecting a second reference position by detecting the radiation reflected by the pattern (3). Thus on the basis of the distance between the first and the second reference positions, the shaft circumferential deformation and/or torque is determined.

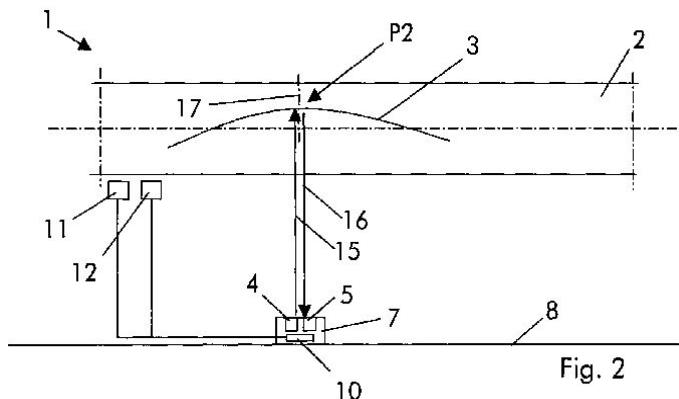


Fig. 2

No. of Pages : 45 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8931/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HYDROCHLORIDE SALT OF (1S, 2S, 4R)-4-{4-[{(IS)-2,3-DIHYDRO-1H-INDEN-1-YLAMINO]-7H-PYRROLO [2,3-D]PYRIMIDIN-7-YL}-2-HYDROXYCYCLOPENTYL)METHYL SULFAMATE

(51) International classification	:C07D 487/04
(31) Priority Document No	:61/216,221
(32) Priority Date	:14/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001415
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/132110
(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)REENU CHOPRA
3)MARTIN IAN COOPER
4)MARIANNE LANGSTON

(57) Abstract :

Disclosed is a compound of formula (I): crystalline forms thereof, and solvates thereof; pharmaceutical compositions comprising a pharmaceutically effective amount of the compound of formula (I), or a crystalline form thereof, or a solvate thereof, and a pharmaceutically acceptable carrier or diluent; and the use of a compound of formula (I), or a crystalline form thereof, or a solvate thereof, for treating a patient suffering from, or subject to, a pathological condition capable of being ameliorated by inhibiting an E1 activating enzyme, particularly NAE, including, e.g., cancer.

No. of Pages : 65 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8450/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FINGERPRINT-RESISTANT GLASS SUBSTRATES

(51) International classification	:C03C 15/00
(31) Priority Document No	:61/175,909
(32) Priority Date	:06/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033643
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/129624
(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)MARK ALEJANDRO QUESADA

6)WAGEESHA SENARATNE

7)TODD PARRISH ST CLAIR

(57) Abstract :

A glass substrate having at least one surface with engineered properties that include hydrophobicity, oleophobicity, anti-stick or adherence of particulate or liquid matter, resistance to fingerprinting, durability, and transparency (i.e., haze < 10%). The surface comprises at least one set of topological features that together have a re-entrant geometry that prevents a decrease in contact angle and pinning of drops comprising at least one of water and sebaceous oils.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8451/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FILTER HOLDER IN A CHROMATOGRAPHY COLUMN

(51) International classification	:G01N 30/60
(31) Priority Document No	:0900653-7
(32) Priority Date	:15/05/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050508
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/132011
(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)MIRCEA GEORGESCU

(57) Abstract :

A filter holder to be used in a chromatography column is provided. Said filter holder comprising a filter squeezing part (356) facing the filter of the column essentially in the form of a plate and a squeezing means (354) adapted to squeeze the filter squeezing part (356) against the filter (204) to prevent any leakage of particulate medium from the bed space (209) of the column in between the filter holder and the filter (204). According to the invention said filter squeezing part (356) comprises at least one channel (338), providing fluid connections through the filter squeezing part (356) from the side of the filter squeezing part (356) facing the filter (204) and to the side of the filter squeezing part (356) facing the bed space (209). (Fig. 2)

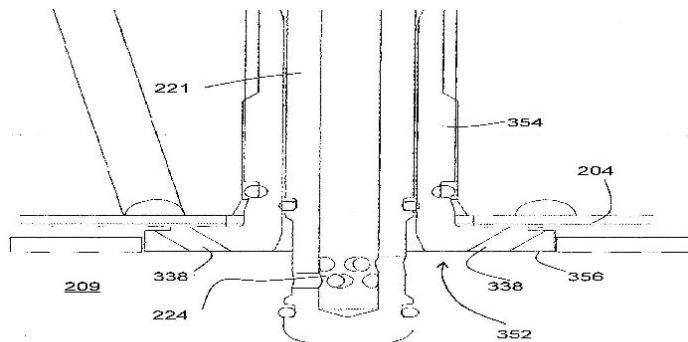


Fig. 2

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8452/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COOLING METHOD AND COOLING DEVICE OF HOT-ROLLED STEEL STRIP

(51) International classification	:B21B 45/02
(31) Priority Document No	:2009-116547
(32) Priority Date	:13/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003238
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/131467
(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)SHIGERU OGAWA

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5)HITOSHI NIKAIDOH

6)ISAO YOSHI

7)NORIYUKI HISHINUMA

8)TETSUO KISHIMOTO

9)NOBUHIRO TAKAGI

(57) Abstract :

The present invention provides a method of cooling a hot-rolled steel strip which has passed through a finishing rolling, including: cooling the hot-rolled steel strip from a first temperature of not lower than 600°C and not higher than 650°C to a second temperature of not higher than 450°C with cooling water having the water amount density of not lower than 4 m³/m²/min and not higher than 10 m³/m²/min, wherein with respect to the area of the target surface, the area of a portion where a plurality of spray jets of the cooling water directly strikes on the target surface is at least 80%.

No. of Pages : 43 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8453/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : IMPROVED GLUCOCORTICOID THERAPY

(51) International classification	:A61K 31/573
(31) Priority Document No	:PA 200900470
(32) Priority Date	:07/04/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/EP2010/002178
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/115615
(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)STANKO SKRTIC

3)JORGEN JOHNSSON

4)THOMAS HEDNER

5)GUDMUNDUR JOHANNSSON

(57) Abstract :

The present invention relates to improved glucocorticoid therapy and to treatment or prevention of a number of disorders that are due to a diminished or disrupted endogenous glucocorticoid secretory pattern. The invention is based on the findings that producing a specific serum Cortisol time profile that mimics the circadian rhythm of Cortisol of a healthy subject in a subject offering from a diminished or disrupted glucocorticoid secretory pattern gives benefits with respect to reduction of side-effects.

No. of Pages : 80 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8455/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR REDUCING INFLAMMATION

(51) International classification	:A01N 65/00
(31) Priority Document No	:61/166,653
(32) Priority Date	:03/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029847
Filing Date	:02/04/2010
(87) International Publication No	:WO 2010/115149
(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)GITTE S. JENSEN

(57) Abstract :

Blue-green algae, such as *Aphanizomenonflos aquae* (AFA) or *Spirulina* (*Arthrosphaera*) can be fractionated. Anti-inflammatory aqueous fractions of blue-green algae are described herein that include low molecular weight molecules. Methods for reducing inflammation in a subject are also described. These methods include administering to the subject compositions comprising a therapeutically effective amount of the anti-inflammatory fraction blue-green algae, or dried form thereof, thereby reducing inflammation.

No. of Pages : 59 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8456/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : 4-HYDROXYBUTYRIC ACID ANALOGS

(51) International classification	:C07B 59/00
(31) Priority Document No	:61/214,382
(32) Priority Date	:23/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031981
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/124046
(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)TUNG, ROGER, D.

(57) Abstract :

This invention relates to novel derivatives of 4-hydroxybutyric acid and prodrugs thereof, and pharmaceutically acceptable salts of the foregoing. This invention also provides pharmaceutical compositions comprising a compound of this invention and the use of such compositions in methods of treating narcolepsy, fibromyalgia, other disorders or conditions that are beneficially treated by improving nocturnal sleep or by administering sodium oxybate.

No. of Pages : 39 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8457/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CRYSTAL OF BENZOXAZINONE COMPOUND

(51) International classification	:C07D 265/26	(71) Name of Applicant :
(31) Priority Document No	:2009-106606	1)NORGINE B. V.
(32) Priority Date	:24/04/2009	Address of Applicant :HOGEHILWEG 7, 1101 CA AMSTERDAM ZUID-OOST, NETHERLANDS
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/057110	1)ARET, EDWIN
Filing Date	:22/04/2010	
(87) International Publication No	:WO 2010/123047	
(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 crystal of 2-hexadecyloxy-6-methyl-4H-3,l-benzoxazin-4-one useful as a preventive or therapeutic agent for obesity and the like. Specifically disclosed is a crystal of 2-hexadecyloxy-6-methyl-4H-3,l-benzoxazin-4-one having a powder X-ray diffraction pattern in which characteristic peaks appear at powder X-ray diffraction interplanar spacings (d) of around 16.54 ± 0.2 , 13.26 ± 0.2 , 4.70 ± 0.2 , 4.38 ± 0.2 , and 3.67 ± 0.2 Å.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8458/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF CHALCOGENE COMPOUNDS

(51) International classification	:C07D 233/42
(31) Priority Document No	:0905895.9
(32) Priority Date	:06/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050550
Filing Date	:30/03/2010
(87) International Publication No	:WO 2010/116166
(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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LUMPUR, MALAYSIA

(72)Name of Inventor :

1)ROGERS, ROBIN, DON

2)HOLBREY, JOHN

3)RODRIGUEZ, HECTOR

(57) Abstract :

The present invention is a novel process for the preparation of chalcogenone compounds by conversion of ionic liquids and salts comprising nitrogen-containing heterocyclic cations and basic anions to the corresponding nitrogen-containing heterocyclic chalcogenones by reaction with elemental chalcogens.

No. of Pages : 32 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8938/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD OF MAKING A DISPERSION OF POLYMER BINDER-ENCAPSULATED SILICA PIGMENTS AND COATED MEDIA INCLUDING SUCH DISPERSION

(51) International classification	:C09B 67/46
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/042366
Filing Date	:30/04/2009
(87) International Publication No	:WO 2010/126517
(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)HEWLETT-PACKARD DEVELOPMENT COMPANY,
L.P.

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(72)Name of Inventor :

1)ALFEKRI, DHEYA, M.
2)SELENSKY, RONALD, J.

(57) Abstract :

The instant disclosure relates to a method of making a dispersion of polymer binder-encapsulated silica pigments for coating an ink-jet recording substrate (210). The method includes mixing first components of the dispersion to form a mixture, the first components including binder polymer, treating agents and a vehicle selected from the group consisting of water, a water-miscible organic solvent, and combinations thereof; shear mixing silica pigment into the mixture; and after the silica pigment is added to the mixture, shear mixing the mixture at a higher temperature and an increased grinding rate compared to a temperature and grinding rate of the shear mixing of the silica pigment into the mixture. FIG. 2A

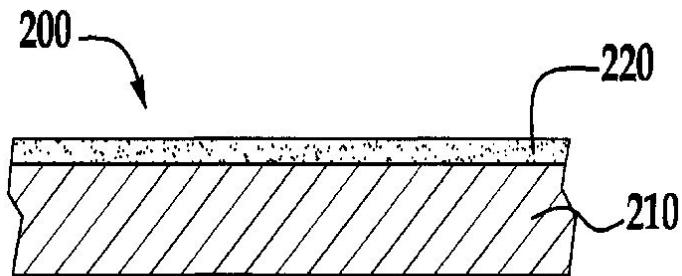


FIG. 2A

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8940/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ADAPTIVE VIRTUAL KEYBOARD FOR HANDHELD DEVICE

(51) International classification	:G06F 3/041
(31) Priority Document No	:61/187,520
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/069931
Filing Date	:31/12/2009
(87) International Publication No	:WO 2010/147611
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:8403/DELNP/2011
Filed on	:31/10/2011

(71)**Name of Applicant :**

1)INTEL CORPORATION

Address of Applicant :2200 MISSION COLLEGE BOULEVARD, MS: RNB-4-150, SANTA CLARA, CALIFORNIA 95052, U.S.A.

(72)**Name of Inventor :**

1)FERREN, BRAN

(57) Abstract :

The present invention relates to an apparatus, comprising: a handheld device including a touchscreen for displaying a virtual keyboard, wherein the device is to: detect a touch on the touchscreen by a user; determine a location for a centroid of a contact patch for the touch; and determine a location of an active point with respect to the centroid.

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8944/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : VALVE FOR EXTRACTING A SAMPLE FROM A CONTENT OF A TANK

(51) International classification	:F16K 5/06
(31) Priority Document No	:10 2009 018 566.6
(32) Priority Date	:24/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/001880
Filing Date	:25/03/2010
(87) International Publication No	:WO 2010/121690
(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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BÄDENWEILER GERMANY.

(72)Name of Inventor :

1)UNTCH GUNTER

(57) Abstract :

The invention relates to a valve (1, 1') for extracting a sample from a content (11) of a tank (10). The sampling must occur without contamination. To this end, according to the invention, the valve (1, 1') comprises a stationary part (20, 20') securely connected to the tank (10), a mobile part (40, 40') releaseably connected to the stationary part (20, 20'), and an actuating mechanism (24) for switching between a base position and a switched position. The stationary part (20, 20') comprises a rotatably supported first partial body (32, 32') of a shutoff body (30, 30') substantially rotationally symmetrical about an axis (A). The mobile part (40, 40') comprises a rotatably supported second partial body (34, 34') of the shutoff body (30, 30'). The first partial body (32, 32') and/or the second partial body (34, 34') comprise a recess (50, 70) for receiving or conveying the sample.

No. of Pages : 38 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8934/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SHAFT SYSTEM FOR USE IN A CHUCK OF A WINDING HEAD

(51) International classification	:B65H 54/547
(31) Priority Document No	:10 2009 021 647.2
(32) Priority Date	:16/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/056323
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/133462
(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)UWE JUNGINGER

2)MARTIN SCHREIBER

3)ULRIKE ZWIERS

4)JOCHEN ADLER

(57) Abstract :

The invention relates to a shaft system (!00) for use in a chuck (1113) of a winding head (120) for winding, for example, synthetic threads, comprising at least one input or output shaft (1) and at least one axis (3) or another shaft, which (3) is arranged coaxially to the input or output shaft (1), wherein at least one of said components (1,3) is designed as a hollow shaft or hollow axis (3) and the other component (1) is received therein at least partially and is supported with respect to the hollow shaft or hollow axis (3) by means of at least one bearing (4,5). According to the invention, the bearing is designed as a ball roller bearing (4,5), which is arranged radially inside on the outer circumference of the rotatable shaft (1) and radially outside on the inner circumference of the stationary axis (3).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8965/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HETEROARYL COMPOUNDS AND USES THEREOF

(51) International classification	:A61K 31/535
(31) Priority Document No	:12/426,495
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031714
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/123870
(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)JUSWINDER SINGH

2)SHOMIR GHOSH

3)ARTHUR F. KLUGE

4)RUSSELL C. PETTER

5)RICHLAND WAYNE TESTER

(57) Abstract :

The present invention provides compounds, pharmaceutically acceptable compositions thereof, and methods of using the same.

No. of Pages : 263 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8968/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DOPO DERIVATIVE FLAME RETARDANTS

(51) International classification	:C07F 9/6571
(31) Priority Document No	:61/179,519
(32) Priority Date	:16/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/035359
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/135398
(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)YU LI ANGELL

2)KIMBERLY M. WHITE

3)SCOTT E. ANGELL

4)ARTHUR G. MACK

(57) Abstract :

The present invention relates to novel, halogen-free flame retardant derived from 9,10-Dihydro-9-Oxa-10-Phos-phaphenanthrene-10-oxide (DOPO). This invention also relates to the use of the halogen free from DOPO derives flame retardant in polymers.

No. of Pages : 32 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8971/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD OF MANUFACTURING POWDER METAL PLATES

(51) International classification	:B22F 3/16
(31) Priority Document No	:12/456,493
(32) Priority Date	:17/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001713
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/147640
(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)YAHYA HODJAT

2)ROGER LAWCOCK

3)ROHITH SHIVANATH

(57) Abstract :

A method of manufacturing powder metal plates comprising feeding a predetermined mass of metal powder onto moving tape (101), restricting the metal powder by surrounding the metal powder with vibrating boundary-walls (201, 202) extending parallel to the direction of movement of the tape, roiling the metal powder at an ambient temperature to form a green compact strip (GS), continuously sintering the green compact strip in a furnace (400), forming the green compact strip to a net shape part (NS) while in the furnace, and cooling the net shape pan in a non-oxidizing environment (404) at a temperature in excess of 1000 degrees Celsius.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8973/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LACTOFERRIN AND GUT NEURONAL HEALTH IN ADULTS AND/OR ELDERLY

(51) International classification	:A61K 38/40	(71) Name of Applicant :
(31) Priority Document No	:09159964.7	1)NESTEC S.A.
(32) Priority Date	:12/05/2009	Address of Applicant :AVENUE NESTLE 55, CH-1800
(33) Name of priority country	:EPO	VEVEY, SWITZERLAND
(86) International Application No	:PCT/EP2010/056238	(72) Name of Inventor :
Filing Date	:07/05/2010	1)FAURE, MAGALI
(87) International Publication No	:WO 2010/130644	2)WANG, BING
(61) Patent of Addition to Application Number	:NA	3)SCHMITT, JEROEN ANTONIUS JOHANNES
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates generally to the field of neuronal health and neuronal protection. One embodiment of the present invention relates to a composition that can be used for the protection of the enteric nervous system from neurodegeneration. Disorders linked to an impaired enteric nervous system can be treated or prevented by the administration of lactoferrin containing compositions according to the present invention.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8983/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SHORT STROKE FLOW CONTROL VALVE

(51) International classification	:F16K 47/02
(31) Priority Document No	:12/473,640
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035853
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/138425
(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)CONTROL COMPONENTS, INC.

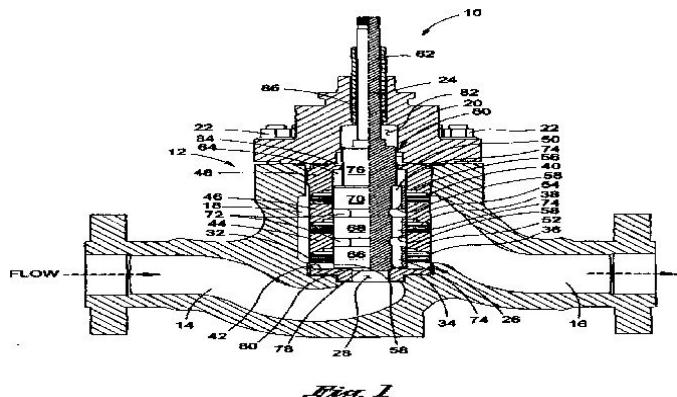
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(72)Name of Inventor :

1)SAMY, SEKHAR

(57) Abstract :

A short stroke flow control device or valve which is adapted to provide velocity control trim in a short stroke. The valve constructed in accordance with the present invention comprises multiple disk stacks or cages which are separated from each other by intervening spacers, and are placed axially in a valve gallery clamped between a seat ring and bonnet of the valve. The fluid passageways in the cages are throttled in a controlled manner by a plug which defines multiple throttling elements or plug lobes, the number of plug lobes defined by the plug preferably being equal to the number of cages included in the valve. The plug lobes of the plug control the flow of fluid through the disk stacks or cages in tandem.



No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8946/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR MARKING COAGULATION SITES ON A RETINA AND SYSTEM FOR COAGULATING THE RETINA

(51) International classification	:A61F 9/011	(71) Name of Applicant :
(31) Priority Document No	:10 2009 021 604.9	1)CARL ZEISS MEDITEC AG
(32) Priority Date	:15/05/2009	Address of Applicant :GOSCHWITZER STR. 51-52, 07745
(33) Name of priority country	:Germany	JENA, GERMANY.
(86) International Application No	:PCT/EP2010/002968	(72) Name of Inventor :
Filing Date	:14/05/2010	1)KUNATH-FANDREI GERALD
(87) International Publication No	:WO 2010/130456	2)DUNGER JENNY
(61) Patent of Addition to Application Number	:NA	3)FUCHS RICO
Filing Date	:NA	4)DICK MANFRED
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for marking coagulation sites on a retina by means of a light source having the following steps: projecting a serial spot sequence of the light source from a sequential, one-dimensional series of individual spots on the retina by means of a beam deflection unit, wherein the individual spots indicate the coagulation sites; waiting for confirmation of the sequence of individual spots by means of entry of a confirmation signal; after confirming the sequence of the individual spots, recalculating an automated sequence of steps having a further serial spot sequence and projection of the same on the retina according to the first step; and subsequent repeating of the second and third steps. The invention further relates to a system for coagulating the retina, having an imaging diagnostic unit, a therapy beam for coagulating coagulation sites, a pilot beam for marking the coagulation sites by means of a spot sequence, a beam deflecting unit for generating the spot sequence and for positioning the therapy beam, an electronic control unit for controlling the above devices, a software interface, and an interactive interface.

No. of Pages : 31 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9127/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : OIL-IN-WATER EMULSION OF MOMETASONE AND PROPYLENE GLYCOL

(51) International classification	:A61K 31/09
(31) Priority Document No	:PA 2009 00601
(32) Priority Date	:12/05/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/EP2010/002921
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/130428
(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)HENRI HANSSON

2)ANNA KARIN MOREN

(57) Abstract :

Novel pharmaceutical compositions of mometasone or a pharmaceutically acceptable derivate thereof in the form of an oil-in-water emulsion, notably a cream. The composition has excellent stability and therapeutic effect. The compositions contain mometasone in micronised form, propylene glycol and water and the weight ratio between the propylene glycol and water contained in the oil-in-water emulsion is from 1:1 to about 1:3.

No. of Pages : 34 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9379/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CONTACTOR WITH DAMPING ARRANGEMENT

(51) International classification	:H01H 50/30
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/057670
Filing Date	:02/06/2010
(87) International Publication No	:WO 2011/012357
(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)BAUML; ALFRED

2)DANZER; KLAUS

3)FISCHER; DANIELA

(57) Abstract :

The invention relates to a switching device (12), in particular a contactor, having a switching area (14) which has the contact system, and having a drive area (15) which comprises an armature (19), a coil (17) with a coil former (21), and a yoke (16). The invention is distinguished in that the yoke (16) is mounted elastically in the coil former (21) by means of a damping element (13a). FIG:3

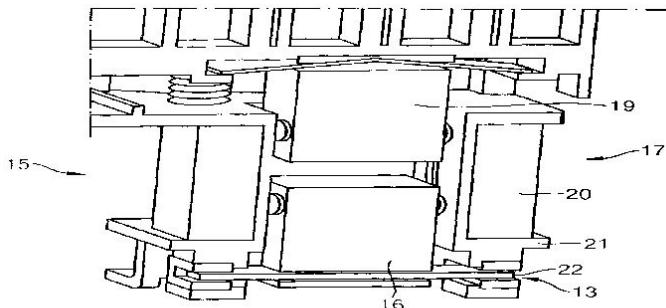


FIG:3

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9681/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PHOSPHITE CONTAINING CATALYSTS FOR HYDROFORMYLATION PROCESSES

(51) International classification	:C07F 9/06
(31) Priority Document No	:12/489,029
(32) Priority Date	:22/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001642
Filing Date	:07/06/2010
(87) International Publication No	:WO 2010/151285
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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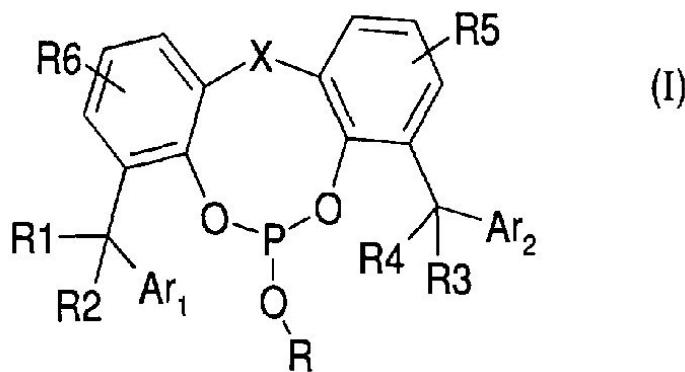
(72)Name of Inventor :

1)THOMAS ALLEN PUCKETTE

2)YUN-SHAN LIU

(57) Abstract :

Novel trivalent organophosphite ligands having the structure of general formula (I): wherein R is an alkyl or aryl group containing 1 to 30 carbon atoms; An and Ar2 are aryl groups containing 4 to 30 carbon atoms; R1 to R6 are H or alkyl or aryl hydrocarbon radicals containing 1 to 40 carbon atoms; and X is a connecting group or a simple chemical bond, were developed and found to be very active for hydroformylation processes for ethylenically unsaturated substrates. Catalyst solutions prepared from these ligands with a Rh metal show an unusual ligand acceleration effect for simple alkenes, i.e., the hydroformylation activity increases as the concentration of ligand increases, and are capable of producing linear or branched aldehydes under typical hydroformylation conditions.



No. of Pages : 33 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9734/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HANDLE OF AN OPENABLE BODY SECTION OF AN AUTOMOBILE

(51) International classification	:E05B 65/12
(31) Priority Document No	:MI2009A001048
(32) Priority Date	:12/06/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/057828
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/142607
(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)GUILLAUME LESUEUR

2)FIORENZO SAVANT

3)ANTONIO ROCCI

(57) Abstract :

The invention relates to a handle (1) of an openable body section of an automobile which includes: a gripping lever (3) rotatably movable between an inoperative position and a control position for opening a lock of the openable body section; a transmission lever (11) mounted in a base (5) of the handle, the transmission lever (11) being configured such as to be actuated by the gripping lever and to pivot between an inoperative position and an operative position for opening the lock; and a security system (17, 117) mounted in the base (5), configured to prevent the rotation of the transmission lever (11) or the gripping lever (3) in the event of a crash, the security system (17, 117) comprising at least one first inertial mass pivotably mounted between an inoperative position and an operative position preventing the rotation of the transmission lever or the gripping lever, when said first inertial mass is subjected to acceleration in the event of a crash, characterised in that said handle also comprises first (24) and second (25) additional means for blocking said inertial mass (17, 117) in the active position thereof, one of which is supported by said inertial mass (17, 117) and the other by the base (5).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8677/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NOVEL ANTI-AGING AGENTS AND METHODS TO IDENTIFY THEM

(51) International classification	:A61K 35/74
(31) Priority Document No	:61/168,311
(32) Priority Date	:10/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030732
Filing Date	:12/04/2010
(87) International Publication No	:WO 2010/118419
(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)QI, HAIYAN

Address of Applicant :72 LARRY COURT DAYTON, NJ
08810 U.S.A.

(72)**Name of Inventor :**

1)QI, HAIYAN

(57) Abstract :

The present invention discloses novel mechanisms in the aging process and describes novel methods for high-throughput screening to identify, detect, and purify agents to be used for improving mitochondrial function, maintaining the cell cycle- arrested state in senescent and post mitotic cells, and thus preventing or treating age- related diseases or disorders associated with accelerated mitochondrial function loss, telomere dysfunction, and/or deterioration of the growth-arrested state. The present invention also discloses a number of compounds or compositions identified from this method. The present invention further provides the use of low doses of rapamycin or its analogs as a mimic of caloric restriction in preventing age-related diseases or disorders.

No. of Pages : 111 No. of Claims : 73

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8679/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NON-REPLICATING MICRO-ORGANISMS AND THEIR IMMUNE BOOSTING EFFECT

(51) International classification	:A61K 35/74
(31) Priority Document No	:09159929.0
(32) Priority Date	:11/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056287
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/130660
(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)NESTEC S.A.;

Address of Applicant :AVENUE NESTLE 55, CH-1800
VEVEY, SWITZERLAND

(72)Name of Inventor :

1)PRIOULT, GUENOLEE

2)MERCENIER, ANNICK

3)NUTTEN, SOPHIE HELENE

(57) Abstract :

The present invention generally relates to the field of probiotic bacteria. In particular, the present invention concerns non-replicating probiotics, such as the genus Lactobacillus, Bifidobacterium or combinations thereof, for example Lactobacillus paracasei, Lactobacillus rhamnosus, Bifidobacterium longum, Bifidobacterium lactis, Bifidobacterium breve or combinations thereof, and applications of these bacteria. One embodiment of the present invention relates to non-replicating probiotics and their use to prepare a composition to treat or prevent disorders related to a compromised immune defence. A method to increase the effectiveness of probiotics to treat or prevent immune disorders is described.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8680/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HIGHER LOADING ZINC-CONTAINING FILMS

(51) International classification	:A61K 8/27
(31) Priority Document No	:61/181,124
(32) Priority Date	:26/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036143
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/138547
(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)COLGATE-PALMOLIVE COMPANY

Address of Applicant :300 PARK AVENUE, NEW YORK,
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(72)**Name of Inventor :**

**1)MARTINETTI MELISSA
2)BOYD THOMAS
3)BROWN JAMES RICHARD
4)WON BETTY
5)PILCH SHIRA
6)MASTERS JAMES GERARD
7)PIMENTA PALOMA**

(57) Abstract :

Described herein are polymer matrix films, compositions comprising the polymer matrix films, and methods of preparing and using the same.

No. of Pages : 45 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8989/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PHOTOVOLTAIC DEVICE

(51) International classification	:H01L 21/00
(31) Priority Document No	:61/177,502
(32) Priority Date	:12/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/024782
Filing Date	:19/02/2010
(87) International Publication No	:WO 2010/132138
(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 SOLAR, INC.

Address of Applicant :28101 CEDAR PARK BOULEVARD,
PERRYSBURG, OHIO 43551, U.S.A.

(72)Name of Inventor :

1)GANG XIONG

2)RICKY C. POWELL

3)AARON ROGGIN

4)KUNTAL KUMAR

5)ARNOLD ALLENIC

6)KEN RING

7)CHARLES WICKERSHAM

(57) Abstract :

A method to improve CdTe-based photovoltaic device efficiency is disclosed. The CdTe-based photovoltaic device can include oxygen or silicon in semiconductor layers.

No. of Pages : 13 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8992/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : WINGTIP AND SPONSON INTERACTION ON AN AMPHIBIOUS AIRCRAFT

(51) International classification	:B64C 35/00
(31) Priority Document No	:12/482,336
(32) Priority Date	:10/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037014
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/144280
(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)ICON AIRCRAFT INC.

Address of Applicant :12511 BEATRICE STREET, LOS ANGELES, CA 90066, U.S.A.

(72)**Name of Inventor :**

1)KARKOW JON

2)HAWKINS KIRK

3)GIONTA MATTHEW

4)STRAND STEEN

(57) Abstract :

A system for enhanced lateral stability of an amphibious aircraft includes a buoyancy system laterally displaced from opposite sides of the fuselage of the aircraft and wingtip system having a hydrodynamic planing surface associated with each wingtip. The hydrodynamic planing surface on each wingtip prevents the submersion of an associated buoyancy structure. By supplementing the lateral stability of the buoyancy structures using hydrodynamic planing surfaces, the combined lateral width of the fuselage and buoyancy structures can be reduced without detrimentally impacting operational performance. This reduced lateral width enables the amphibious aircraft to be configured for storage and transportation on a trailer or shipping container.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9743/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : TIRE

(51) International classification	:B60C 11/00
(31) Priority Document No	:2009-124612
(32) Priority Date	:22/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/006794
Filing Date	:11/12/2009
(87) International Publication No	:WO 2010/134146
(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)BRIDGESTONE CORPORATION

Address of Applicant :10-1, KYOBASHI 1-CHOME, CHUO-KU, TOKYO 104-8340 JAPAN

(72)Name of Inventor :

1)YUKIHIRO KIWAKI

(57) Abstract :

A pneumatic tire (10) provided in a rib-like land section (110) thereof with: an air chamber (130A) in which recessed portions (131) are repeated in the circumferential direction of the tire at predetermined pitches; and constriction groove (121) which communicate with the recessed portions (131). A height (H) changes in the circumferential direction of the tire. A bottom surface (132) has substantially the same height as the ground contact surface at a position which is the highest point of the bottom surface (132) which is maximally raised toward the ground contact surface. The volume of the space formed between each constriction groove section (121) and the road surface is less than the volume of the space formed between each recessed portion (131) and the road surface. One end (121a) of each constriction groove section (121) communicates with the corresponding recessed portion (131), and the other end (121b) of the constriction groove section (121) communicates with a circumferential groove (11). The configuration causes the depth of the air chamber section (130A) from the ground contact surface to change in the circumferential direction of the tire, and as a result, even if a stone or the like is caught by the air chamber section (130A), the stone or the like tends to easily come out of the air chamber section (130A) by being moved in the circumferential direction of the tire as the pneumatic tire (10) rolls.

No. of Pages : 44 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9802/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HIGH PRESSURE INJECTION SYSTEM HAVING FUEL COOLING FROM LOW PRESSURE REGION

(51) International classification	:F02M 53/00
(31) Priority Document No	:10 2009 028 023.5
(32) Priority Date	:27/07/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/057966 :08/06/2010
(87) International Publication No	:WO 2011/012363
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

Address of Applicant :POSTFACH 30 02 20, 70442
STUTTGART, GERMANY

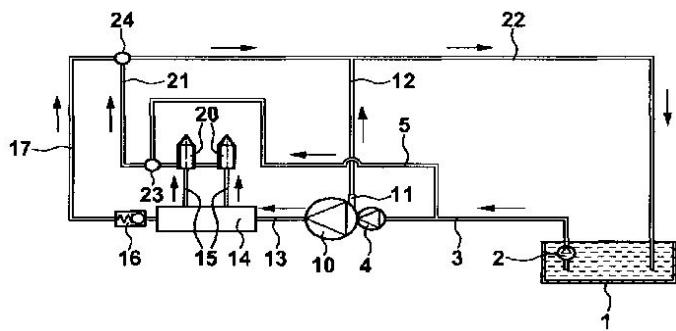
(72)Name of Inventor :

**1)SPINDLER, SUSANNE
2)WALTHER, JOCHEN
3)SOMMER, DOROTHEE
4)KIEFERLE, STEFAN**

(57) Abstract :

Described herein is a high-pressure injection system comprising a fuel tank (1), a connecting link (2, 3, 4) between the fuel tank (1) and a high-pressure pump (10) for pressurizing the fuel. The high-pressure pump (10) is connected to at least one fuel injection valve (20) via a corresponding connecting link (13, 14, 15). Further, at least a partial volume of the fuel pressurized in the high-pressure pump (10) is fed back to the fuel tank (1) from the fuel injection valve (20) by a leakage in the fuel injection valve (20) via a return line (21,22) connected to the fuel tank (1). The high-pressure injection system further includes a cooling line (5) that connects the fuel tank (1) or the connecting link (2, 3, 4) or a return line (11) of the high-pressure pump (10) via a mixing point (23) to the return line (21, 22). Fig. 2

Fig. 2



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9854/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : VACCINES AGAINST HERPES SIMPLEX VIRUS TYPE 2: COMPOSITIONS AND METHODS FOR ELICITING AN IMMUNE RESPONSE

(51) International classification	:A61K 39/245	(71) Name of Applicant : 1)GENOCEA BIOSCIENCES INC. Address of Applicant :161 FIRST STREET, SUITE 2C, CAMBRIDGE, MA 02142, U.S.A.
(31) Priority Document No	:61/180,784	
(32) Priority Date	:22/05/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/035998 :24/05/2010	(72) Name of Inventor : 1)LONG, DEBORAH 2)FLECHTNER, JESSICA 3)SKOBERNE, MOJEA
(87) International Publication No	:WO 2010/135747	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Herpes Simplex Virus-2 (HSV-2) infection is a major health concern. The present disclosure provides, inter alia, certain highly effective vaccines and immunogenic compositions against HSV-2. The antigens can be used therapeutically or prophylactically.

No. of Pages : 112 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9918/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : OXYGEN INDICATOR FOR PARENTERAL AND ENTERAL MODES OF ADMINISTRATION

(51) International classification	:G01N 31/22
(31) Priority Document No	:09163218.2
(32) Priority Date	:19/06/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/058441
Filing Date	:16/06/2010
(87) International Publication No	:WO2007/059900
(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)B. BRAUN MELSUNGEN AG

Address of Applicant :CARL-BRAUN-STRASSE 1,
MELSUNGEN 34212, GERMANY

(72)Name of Inventor :

1)VOLKER KRUGER

(57) Abstract :

The present invention relates to an oxygen indicator in which the presence or absence of oxygen is made visible by a color change, and to the use of such oxygen indicator for monitoring parenteral and enteral dosage forms.

No. of Pages : 19 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8896/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LIGHT DEVICE FOR A MOTOR VEHICLE

(51) International classification	:B60Q 1/32
(31) Priority Document No	:0900849-1
(32) Priority Date	:23/06/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050662
Filing Date	:14/06/2010
(87) International Publication No	:WO 2010/151209
(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)SCANIA CV AB

Address of Applicant :S-151 87 SODERTALJE, SWEDEN

(72)Name of Inventor :

1)TOMAS PELTONEN

(57) Abstract :

The present invention relates to a light device for a motor vehicle. The light device is arranged to be mounted on the motor vehicle, and comprises at least a first light emitting part arranged to emit a coloured side marking light and at least a second light emitting part arranged to emit a substantially white light so as to illuminate an area around the light device for improved visibility in the area. The invention also relates to a motor vehicle provided with such a light device. (Figure 1)

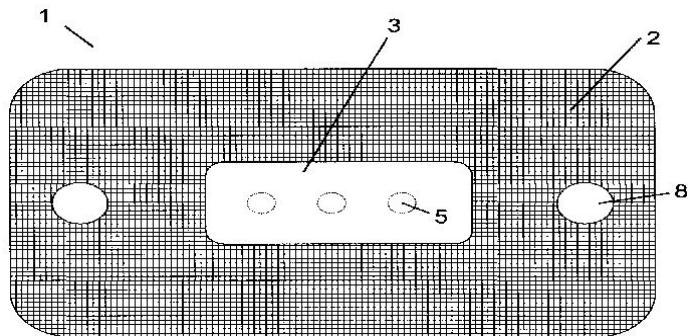


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9964/DELNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ELEVATOR MACHINE WITH EXTERNAL ROTOR AND MOTOR WITHIN TRACTION SHEAVE

(51) International classification	:B66B 11/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/050238
Filing Date	:10/07/2009
(87) International Publication No	:WO 2011/005264
(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)OTIS ELEVATOR COMPANY

Address of Applicant :TEN FARM SPRINGS ROAD,
FARMINGTON, CT 06032-2568, U.S.A.

(72)Name of Inventor :

1)STRBUCELJ ZLATKO

2)HUBBARD JAMES L.

3)HARDESTY MARTIN J.

(57) Abstract :

A drive machine (10) for elevators has a rotatable drive sheave (18) that has an inner surface and an outer surface with at least one groove (34) for receiving a hoist rope. A rotor (36) is attached to the inner surface of the sheave (18). A stator (38) is connected to a fixed hollow shaft (22), wherein the stator (38), rotor (36), and drive sheave (18) are concentrically positioned about a centerline of the fixed hollow shaft (22). A plurality of bearings (42) are placed between the shaft (22) and rotor (36). Refer to Figure 2

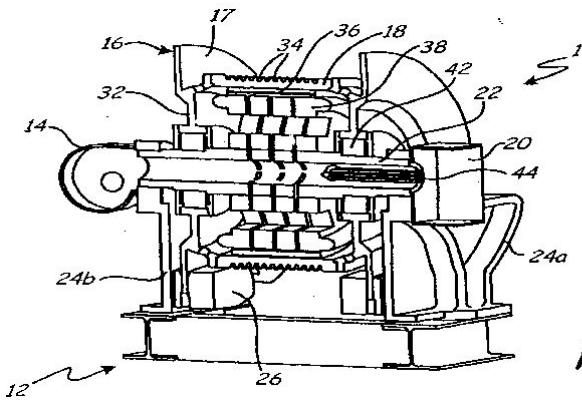


Fig. 2

No. of Pages : 15 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/08/2011

(21) Application No.2245/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A DEVICE FOR LOCATING AN ELECTRICAL CONTACT STRIP INTO A GROOVED SURFACE OF AN OBJECT

(51) International classification	:F24C	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE,DR ANNIE BESANT ROAD,WORLI,MUMBAI-400030,MAARASHTRA INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)KULTHE SUNIL R
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A device for locating an electrical contact strip (9) into a grooved surface of an object (10), the device comprising a frame having a top surface (3) and a first (1) and second (2) wall extending therefrom in a spaced apart relationship with each other and a locking pin (7) extending into the space between the first (1) and second (2) walls through the first wall (1), wherein the frame being configured on the object (10) such that the grooved surface (11) of the object (10) faces an inner surface (4) of the first wall (1), the frame being adapted to move on the object smoothly during said configuration, the locking pin (7) being adapted to be selectively locked with a first end of the electrical contact strip (9) pushed inside the grooved surface (11) manually such that upon moving the frame on the object (10), the first end of the electrical contact strip (9) being dragged forward in the grooved surface (11) thereby pulling the remaining portion of the electrical contact strip (9) into the grooved surface (II) including the second end (14) of the electrical contact strip (9).

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/08/2011

(21) Application No.2247/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : RECIPROCATION DRIVING DEVICE FOR A HAIR CLIPPER BLADE ASSEMBLY

(51) International classification	:A01D 34/13	(71) Name of Applicant : 1)HUO-PIA WANG Address of Applicant :NO.9-2, ALLEY AN-TOU, YEN-PING LI, CHANG-HUA-CITY, Taiwan
(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	

(57) Abstract :

A reciprocation driving device is adapted to be mounted in a housing (90) of a hair clipper for reciprocating a moving blade (92) of a blade assembly (92, 93), and includes a stator unit (20) and a rotor unit (30). The stator unit (20) has a tubular shaft (21) to permit a spindle (31) of the rotor unit (30) to be rotatably mounted therein by virtue of a pair of bearings (40), a bracing member (22) disposed to be engaged with the housing (90), and a coil winding assembly (24) disposed on the tubular shaft (21). The rotor unit (30) has a carrier member (33) extending radially and outwardly from a spindle end (312) of the spindle (31) to carry a permanently magnetic member (32) so as to generate a torque as a result of electromagnetic forces acting between the rotor and stator units (20, 30).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/08/2011

(21) Application No.2261/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CARDINALITY BASED DATA HARMONIZATION

(51) International classification	:G06F 17/30	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building 9th Floor Nariman Point 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)MOHANTY Santosh Kumar
(87) International Publication No	: NA	2)DANI Jayant Sudhakarao
(61) Patent of Addition to Application Number	:NA	3)SARKAR Shampa
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the present subject matter comprise a cardinality-based method and system for alphabetical data harmonization in a repository (210) stored in a computing environment (100). A cardinality based query is generated and triggered against the repository (210), wherein the cardinality based query includes at least one cardinality element. The alphabetical data harmonization system and method further generate scores on the alphabetical data, based on a pre-defined scoring logic.

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/08/2011

(21) Application No.2262/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HYDRAULIC BRAKE VALVE FOR TRACTOR FOR COMBINE OPERATION AND POWER SAVING OF ENGINE IN NO TRAILER CONDITION

(51) International classification	:B60T 13/16	(71) Name of Applicant : 1)ANAND MATUKDHARI PANDEY Address of Applicant :B-1 PRASAD RESIDENCY SOMNATH NAGAR WADGAON SHERI PUNE Maharashtra India
(31) Priority Document No	:N/A	
(32) Priority Date	:11/08/2011	
(33) Name of priority country	:India	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)ANAND MATUKDHARI PANDEY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Hydraulic braking system of Tractor trailer or similar vehicle, this system is capable of Braking the trailer without affecting the hydraulic operation of tractor. At the same time this valve also maintains its priority for braking over other application. Also prevent power loss of tractor when NO trailer or trolley is attached

No. of Pages : 7 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1461/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A NOVEL FLEXI CHECK DAM FOR EFFICIENT USE OF WATER IN AGRICULTURE

(51) International classification	:E02B 3/00	(71) Name of Applicant : 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH Address of Applicant :ADENWALA ROAD, MATUNGA, MUMBAI-400 019, 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)PRABIR ROY CHOUDHURY
(87) International Publication No	: NA	2)SUNITY KUMAR CHKRABORTY
(61) Patent of Addition to Application Number	:NA	3)SAJAL KUMAR CHATTOPADHYAY
Filing Date	:NA	4)ASHOK KUMAR BHARIMALLA
(62) Divisional to Application Number	:NA	5)NARAYAN SAHOO
Filing Date	:NA	6)SUSANTA KUMAR JENA
		7)YOGESH KANTILAL KUSUMGAR
		8)MRINAL KANTI TALUKDAR

(57) Abstract :

A novel flexible check dam made of rubber-textile composite has been developed for application across watersheds. The dam can be inflated or deflated according to the water level for control of flood or drought situation resulting in optimum use of water. Technical fabric is of Mockleno weave type and made by Nylon yarn, it acts as a base material and provides strength to entire composite and Mockleno weave gives good peel strength to the composite. Cover compound provides better life to flexi check dam and friction compound absorbs the shock during turbulent flow of water. The flexi check dam can aid in controlling, diverting, storing and managing water for harvesting, ground water recharging, higher crop productivity and enhanced agricultural related activities, like cattle rearing, fishing and horticulture.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/08/2011

(21) Application No.2235/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ROTARY INTERNAL COMBUSTION ENGINE

(51) International classification	:F02B 53/08	(71)Name of Applicant : 1)Ingole Vijay Tulshiram Address of Applicant :104 Ganediwal layout camp Amravati-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)Ingole Vijay Tulshiram
(87) International Publication No	: NA	2)Ingole Ashutosh Vijay
(61) Patent of Addition to Application Number	:NA	3)Ingole Paritosh Vijay
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention comprises a novel rotary internal combustion engine comprising Primary object of the present invention is to provide an internal combustion engine which is free of the shortcoming of the existing reciprocating IC engine by its unique feature of rotary motion to minimize wear, tear vibration and noise, free of unbalance and stresses incurred in reciprocating IC engine. Providing axially moving vanes instead of radial vanes to minimize the effect of centrifugal force particularly under high speed operation by further providing novel mechanism to nullify centrifugal forces acting there upon to minimizing excessive friction, rubbing, warping, bending of vanes. It is having sinusoidal profile of housing grooves so that axial vanes movement is in simple harmonic motion which is scientifically most desirable and further the volume displacement in charge cavity varying sinusoidally. It provides plurality of vanes forming multiple of charge cavities thus providing multiple thermodynamic cycles per rotation thus increasing the power of the said engine many fold thus increasing the power to weight ratio many times. It provides double acting vanes to operate in both the housings thereby doubling the output of the said engine and further balancing the axial forces due to fuel ignition means power stroke forces on the housings and rotor. It provides inlet and exhaust port and dispenses with complex inlet valve, exhaust valves and associated valve operating mechanism. It provides direct transmission of the generated torque to the shaft. It has grooves in the housings on either sides of the rotating part to counter combustion forces or pressure thereby minimizing stresses. It works equally efficiently with SI as well as CI system. It provides simple arrangement for cooling and lubricating arrangement with ease for providing inbuilt lubricating pump without change in the basic construction of the engine. It provides high power to weight ratio, reliable, efficient, low in maintenance, requiring minimum number components and is easy to manufacture.

No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/08/2011

(21) Application No.2266/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ONE POT PROCESS FOR THE PREPARATION OF DIALKYLATED MALONIC ACID

(51) International classification	:C07D 451/14	(71) Name of Applicant : 1)HARMAN FINOCHEM LIMITED Address of Applicant :107,VINAY BHAVYA COMPLEX, 159-A, C.S.T.ROAD,KALINA, MUMBAI-400098, 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)MINHAS, HARPREET SINGH
(87) International Publication No	:N/A	2)MINHAS, GURPREET SINGH
(61) Patent of Addition to Application Number	:NA	3)KADAM, VIJAY TRIMBAK
Filing Date	:NA	4)JAIN, KIRTI PRAKASH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a convenient single-pot method for the preparation of highly pure di-n-propyl malonic acid (Formula I), a key intermediate of valproic acid, salts and derivative thereof, wherein the process comprises the alkylation of diethyl malonate with alkyl halide in presence of sodium metal in a suitable organic solvent. Further, without isolating the reaction intermediate, the reaction mass is hydrolyzed followed by acidification, filtration, washing, and drying to obtain highly pure di-n-propyl malonic acid (Formula I) suitable for further pharmaceutical use.

No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/08/2011

(21) Application No.2244/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MACHINE FOR PRODUCING CAPSULES ACCURATELY FILLED WITH MICROTABLETS

(51) International classification	:A61J 3/07	(71)Name of Applicant : 1)SCI-TECH CENTRE Address of Applicant :7 PRABHAT NAGAR,JOGESHWARI WEST,MUMBAI 400 102, 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 : 1)KRISHNA MUKUND 2)SINGH KARAN
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 :

Machine for producing capsules accurately filled with microtablets. The machine (1) includes a microtablet handling turret (2) and a capsule handling turret (13) located in the proximity of the microtablet handling turret. The microtablet handling turret comprises a circular tub (3) configured to rotate intermittently at intervals about a microtablet filling station (30), a first inspection station (31), a microtablet ejection station (32) and a second inspection station (33). The microtablet handling turret also comprises a bottom plate (12) having set of openings (35) at the microtablet ejection station matching and aligning with a set of microtablet holding holes (10) in the circular tub. The capsule handling turret comprises a circular table (14) having a plurality of capsule holding pockets or sets of capsule holding pockets and being configured to describe intermittent rotational movement about a plurality of stations including a capsule orienting and loading and separating station (21), a capsule body and capsule cap presence sensing station (22), a capsule body filling station (23), an unopen capsule ejection station (24), a filled capsule body closing station (25), a closed capsule ejection station (26) and a capsule holding pockets cleaning station (27). The intermittent rotational movements of the circular tub and circular table are configured in such a manner that in a cycle of operation of the machine, the microtablet ejection station and capsule filling station coincide at one time and the circular table with a capsule body located in a capsule holding pocket or capsule bodies located in a set of capsule holding pockets with the mouth or mouths thereof oriented upwardly and taking position at the capsule filling station at that time aligns below a set of microtablet holding holes filled with microtablets of the required dosages and taking position at the microtablet ejection station at that time and the set of openings in the bottom plate get connected to said set of microtablet holding holes at the microtablet ejection station and to the capsule body or bodies at the capsule filling station through a microtablet transfer conduit or conduits (37) vertically positioned at the capsule filling station between the bottom plate and circular table and mounted to the bottom plate. A first sensor (38) is located at the first inspection station to sense a set of filled microtablet holding holes and a second sensor (39) is located at the second inspection station to sense a set of empty microtablet holding holes. The capsule handling turret also comprises a chute (28) located at the filled capsule ejection station and having a rejector (40, 41) for rejecting inaccurately filled capsules. An electronic control (46) is provided for operating the rejector based on input from the sensors

No. of Pages : 23 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2275/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LOW TEMPERATURE VAPOR ABSORPTION MACHINE

(51) International classification	:F25B 15/02	(71) Name of Applicant : 1)Volta s Ltd. Address of Applicant : Volta
(31) Priority Document No	:NA	Address of Applicant : 2nd Pokhran Road
(32) Priority Date	:NA	Thane(W) 400601 Maharashtra India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)Anil D Kumbhar
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 :

A vapor absorption machine that can be operated at subzero temperature includes a first chiller module, a second chiller module, a condenser, refrigerant pumps, solution pumps, and a solution circulation pump. The first chiller module and the second chiller module is configured to provide a series flow of a working fluid and parallel flow of cooling water into the first chiller module and second chiller module. Further, the vapor absorption machine includes brine solution as a refrigerant and lithium bromide solution as an absorbent. A method to decrease the concentration of the absorbent in the second chiller module includes decreasing the concentration of the absorbent to a third concentration thereby producing working fluid with a third temperature which is -5°C.

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/08/2011

(21) Application No.2238/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HOT LINE SECURITY SYSTEM FOR PERSONAL, RESIDENTIAL, AND COMMERCIAL COMPLEXES

(51) International classification	:H01R 13/719	(71) Name of Applicant : 1)HIFZUR REHMAN SHEIKH Address of Applicant :35,GORLE LAY-OUT,AWASTI NAGAR,NAGPUR-440 013 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 : 1)HIFZUR REHMAN SHEIKH
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 describes a hot line security system (100) for personal, residential and commercial complexes, the security system (100) comprising, a first device (10), a Switch Exchange (12), a IVR Server (14), a second device (16). The First device (10) includes a button thereon to connect the call therefrom. The IVR server (12) is connected to the first device by telephone line and is connected upon pressing the button. Further, the Server (14) has information of caller's such as name, address, alternate contact number . The second device (16) is connected to the Server (14) through a telephone line. When the button on the first device (10) is pressed a telephone call is connected to the server (14). Further, depending upon the phone number details of the caller are retrieved from the IVR server (14) by using a software therein and the call is connected to the Second device (16) and at the same time IVR Server (14) will generate the Alert Call to alternate contact number given by caller from caller's database, and the receiver listening on the Second device (16) gets the complaint of the caller and his identity instantly, thereby the caller getting help in a short time period.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/08/2011

(21) Application No.2253/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF AMORPHOUS ROSUVASTATIN CALCIUM

(51) International classification	:C07D 239/42
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)GLENMARK GENERICS LIMITED

Address of Applicant :GLENMARK HOUSE,HDO-CORPORATE BLDG,WING-A, B.D.SAWANT MARG,CHAKALA,ANDHERI(EAST), MUMBAI-400 099 Maharashtra India

(72)Name of Inventor :

1)SHARAD RANGANATH GORE

2)DIPAK SUBHASH PATIL

3)YOGESH KAJALE

4)HEMANT KAMBLE

5)SRINIVAS REDDY SANIKOMMU

6)TARUN KANT SHARMA

7)MILIND MORESHWAR GHARPURE

(57) Abstract :

The present invention provides amorphous rosuvastatin calcium having a degree of crystallinity less than about 5% and process for preparation thereof.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/08/2011

(21) Application No.2271/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A TAMPER INDICATIVE LIFTABLE SECURITY DEVICE.

(51) International classification	:B65D 90/00	(71)Name of Applicant : 1)VORA NIRANJAN C Address of Applicant :12,SAMPATRAO COLONY, B/H.MANGALDEEP COMPLEX, PRODUCTIVITY ROAD,VADODARA-390007, 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 : 1)VORA NIRANJAN C
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 tamper indicative liftable security device relates to device which may be used as security closure or lifting device or external handle which indicates the permanent tamper evident message like tampered or void once the sealed container is opened.

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2287/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN IMPROVED METHOD FOR THE QUANTITATIVE DETERMINATION OF PRASUGREL HCL.

(51) International classification	:A61P 7/02	(71) Name of Applicant : 1)Alembic Pharmaceuticals Limited Address of Applicant :Alembic Research Centre Alembic Pharmaceuticals Limited Alembic Road Vadodara-390003 Gujarat India.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)RAMAN Jayaraman Venkat 2)BALAJI Sundara Kalyana 3)DIXIT Sanjiv 4)KADIA Jagadish
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to an improved reversed-phase liquid chromatographic (RP-LC) method for the quantitative determination of Prasugrel HC1. The present invention further provides a stability indicating analytical method using the samples generated from forced degradation studies.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2288/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN IMPROVED METHOD FOR THE QUANTITATIVE DETERMINATION OF IVABRADINE HYDROCHLORIDE

(51) International classification	:C07D 223/16	(71) Name of Applicant : 1)Alembic Pharmaceuticals Limited Address of Applicant :Alembic Research Centre Alembic Pharmaceuticals Limited Alembic Road Vadodara-390003 Gujarat India.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)BALAJI Sundara Kalyana 2)KADIA Jagadish 3)SINGH Vinay Kumar
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved reversed-phase liquid chromatographic (RP-LC) method for the quantitative determination of ivabradine hydrochloride. The present invention further provides a stability indicating analytical method using the samples generated from forced degradation studies.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2289/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN IMPROVED METHOD FOR THE QUANTITATIVE DETERMINATION OF LINEZOLID.

(51) International classification	:C07D 263/20	(71) Name of Applicant : 1)Alembic Pharmaceuticals Limited Address of Applicant :Alembic Research Centre Alembic Pharmaceuticals Limited Alembic Road Vadodara-390003 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)RAMAN Jayaraman Venkat
(87) International Publication No	: NA	2)BALAJI Sundara Kalyana
(61) Patent of Addition to Application Number	:NA	3)DIXIT Sanjiv
Filing Date	:NA	4)KADIA Jagadish
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved reversed-phase liquid chromatographic (RP-LC) method for the quantitative determination of Linezolid. The present invention further provides a stability indicating analytical method using the samples generated from forced degradation studies.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2276/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HIGH COP VAPOUR ABSORPTION MACHINE

(51) International classification	:F25B 15/02	(71) Name of Applicant : 1)Volta Ltd Address of Applicant : Volta Ltd 2nd Pokhran Road Thane(W) 400601 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)Anil D Kumbhar
(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 :

A vapor absorption machine for achieving high coefficient of performance includes a chiller module, a high temperature generator, a low temperature generator, and a plurality of heat exchangers, wherein a fluid communication between the chiller module, the high temperature generator and the low temperature generator are provided to increase a spray of an absorbent in the chiller module thereby reducing the concentration of an absorbent to a second concentration. Further, the plurality of heat exchangers are strategically placed to preheat the second concentrated absorbent that flows into the high temperature generator and low temperature generator, respectively.

No. of Pages : 33 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2292/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NOVEL REFERENCE MARKERS OF DABIGATRAN

(51) International classification	:C07D 401/12	(71) Name of Applicant : 1)Alembic Pharmaceuticals Limited Address of Applicant :Alembic Research Centre Alembic Pharmaceuticals Limited Alembic Road Vadodara-390003 Gujarat India.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)RAMAN Jayaraman Venkat 2)PATEL Samir 3)MISTRY Samir 4)TIMBADIYA Mukesh 5)PARMAR Bhupendra 6)TAMBOLI Parimal
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention deals with a new method of obtaining chemically pure and pharmaceutically acceptable Dabigatran or its pharmaceutical acceptable salt having purity at least about 99 % , wherein the content of Dabigatran individual impurity is less than 0.03-0.15 % as measured by HPLC. The invention also discloses a method of removing specific impurities that are generated either due to the intrinsic instability of Dabigatran or produced in process of its preparation.

No. of Pages : 30 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2011

(21) Application No.2747/MUMNP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SAFETY HELMET OR HEADPIECE WITH IMPROVED SAFETY FEATURES

(51) International classification	:A42B 1/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/AU2011/001014
Filing Date	:10/08/2011
(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)JONES JEANETTE

Address of Applicant :PO BOX 494, BRIBIE ISLAND,
QUEENSLAND 4507, AUSTRALIA

(72)Name of Inventor :

1)JONES JEANETTE

(57) Abstract :

A safety helmet or head piece having an incident light source disposed on the top or the crown of the helmet or head piece, means for controlling the orientation of the light source, wherein light emanates as a beam substantially vertically and upwardly irrespective of the orientation of the helmet or head piece. The light beam is a single or collimated beam comprised by one or more laser light sources of any colour or colour mix. The light source is mounted on the helmet or head piece so that the beam always emanates in substantially a vertical upwards direction irrespective of the orientation of the helmet or head piece. The invention being directed to the location and rescue of injured workers in poor visibility conditions and to the reduction and prevention of accidents in general.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/08/2011

(21) Application No.386/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BLACK MIXTURES OF FIBRE REACTIVE AZO REACTIVE DYESTUFFS

(51) International classification	:C09B 62/513
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)COLOURTEX INDUSTRIES LIMITED

Address of Applicant :SURVEY NO 91, PAIKEE BHESTAN,
NAVASARI-SURAT ROAD, SURAT - 395 023, GUJARAT
(INDIA)

(72)Name of Inventor :

1)SCHUMACHER; CHRISTIAN

2)DESAI; PANKAJ

3)VASHI; ASHIT

(57) Abstract :

The present invention relates to black reactive dyestuff mixtures, containing navy blue dyestuffs of the formula (1), yellow or orange dyestuffs of the formula (3), optionally further dyestuffs of the formula (2), optionally further yellow/orange dyestuffs of the formula (4-1) to (4-6) and optionally further dyestuffs of formula (5). The black mixtures are suitable for coloration of fibre material, in particular for dyeing and printing of cellulose, polyamide or protein fibre materials or blends thereof, and produce dyeing and prints having good all-round fastness properties, especially wash and contact fastness, and excellent build up for deep black shades.

No. of Pages : 71 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/08/2011

(21) Application No.2263/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AZO-AZINE COMPOUNDS AND METHODS OF PREPARATION AND USES THEREOF

(51) International classification	:C07C 219/34	(71) Name of Applicant : 1)SEKAR , NETHI Address of Applicant :DEPARTMENT OF DYESTUFF TECHNOLOGY, INSTITUTE OF CHEMICAL TECHNOLOGY, NATHALAL PARESH MARG,MATUNGA, MUMBAI 400019,INDIA 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	
(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 :

Azo-azine compounds of the formula (I): wherein X may be selected from the group consisting nitrogen, sulfur, oxygen or CR9; in which R9 may be selected from the group consisting hydrogen, halogen or an organic residue; R1 may be selected from the group consisting optionally substituted alkyl, alkenyl, alkynyl, saturated or unsaturated monocyclic or polycyclic ring structure; R2, R3 and R4 may be each independently selected from a group consisting hydrogen, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, aryl, aralkyl, hydroxy, hydroxyalkyl, alkoxy, aryloxy, amino, aminoalkyl, carbomyl, cyano, halogen, haloalkyl, nitro, carboxy, carboxyalkyl, sulfonyl, or organic residues; R3 and R4 may join together to form optionally substituted saturated or unsaturated monocyclic or polycyclic ring structure; R5 and R8 may be each independently selected from a group consisting hydrogen, alkyl, amino, aminoalkyl, aminoaryl, carboxy, carboxyalkyl or organic residues; R6 and R7 may be each independently selected from a group consisting hydrogen, alkyl, alkoxy, aryloxy, carboxy, carboxyalkyl, carbonyl, oxo, dioxo, and its tautomeric form. 26 £7 AUG 20ft

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/08/2011

(21) Application No.2269/MUM/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DIRECT DRIVING AUXILIARY YARN GUIDE APPARATUS FOR FLAT KNITTING MACHINES

(51) International classification	:D04B 15/78	(71) Name of Applicant : 1)PAI LUNG MACHINERY MILL CO.,LTD. Address of Applicant :NO.8,TING-PING RD.,RUIFANG DISTRICT, NEW TAIPEI CITY,TAIWAN
(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)YU -SHENG LIN
(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 direct driving auxiliary yarn guide apparatus for a flat knitting Machine which includes a chassis (10), a needle bar (11) on the chassis (10), a slide track (12) above the needle bar (11), a yarn feeder (13) slidably mounted onto the slide track (12) and a yarn delivery device (14). The auxiliary yarn guide apparatus (20) includes a motor (21) located on the chassis (10) that is coupled with a spindle (22) and a plurality of yarn guide wheels (23) mounted on the spindle (22). The motor (21) drives the spindle (22) and the yarn guide wheels (23) spinning to guide yarns via the yarn delivery device (14) to the yarn feeder (13) to be knitted through the needle bar (11). Thereby yarn guiding stability improves and quality of knitting Products also is enhanced.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2010

(21) Application No.784/MUM/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF PRASUGREL HCL

(51) International classification	:C07 D 495/04	(71) Name of Applicant : 1)Alembic Ltd Address of Applicant :Alembic Research Centre Alembic Ltd Alembic Road Vadodara Gujarat India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)RAMAN Jayaraman Venkata
(33) Name of priority country	:NA	2)PATEL Samir
(86) International Application No Filing Date	:NA	3)KADAM Abhijit
(87) International Publication No	: NA	4)PATEL Vijay
(61) Patent of Addition to Application Number Filing Date	:NA	5)PATEL Jignesh
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to process for the preparation of Prasugrel HCl having formula (I).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/03/2010

(21) Application No.2910/MUM/2009 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A NOVEL PROCESS FOR CONVERTING UNDESIRED ISOMER OF PROSTAGLANDIN AND THEIR DERIVATIVES TO THE DESIRED ACTIVE ISOMER

(51) International classification	:C07C 405/00, C07D 307/00	(71) Name of Applicant : 1)FDC LIMITED Address of Applicant :142-48, S.V. ROAD, JOGESHWARI (W), MUMBAI - 400 102, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)CHANDAVARKAR, MOHAN ANAND
(33) Name of priority country	:NA	2)IYER, RAMAKRISHNAN RAMACHANDRAN
(86) International Application No Filing Date	:NA	3)JOSHI, VINAY ANANT
(87) International Publication No	: NA	4)JOSHI, PRASHANT NARAYAN
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Disclosed herein is the process of transforming the undesired 15-epimer of prostaglandin derivatives and intermediates thereof to the desired active isomer of formula 1

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2010

(21) Application No.850/MUM/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A METHOD OF CONTROLLED RAMPING OF TUNDISH WEIGHT FOR REDUCED EMULSIFICATION AND A SYSTEM THEREOF.

(51) International classification	:B22D11/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JSW STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :JINDAL MANSION, 5-A, DR. G. DESHMUKH MARG, MUMBAI - 400 026, STATE OF MAHARASTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DABBIRU, SATISH KUMAR
Filing Date	:NA	2)BASAVARAJ
(87) International Publication No	: NA	3)TRIPATHI, PRANAV
(61) Patent of Addition to Application Number	:NA	4)PATIL, SUJAY PANDIT
Filing Date	:NA	5)SARKAR, ABHIJIT
(62) Divisional to Application Number	:NA	6)TIWARI, ASHIWINI KUMAR
Filing Date	:NA	7)TATHICHERLA, RAJENDRA
		8)RAO, RAVISHEKHAR VANKAT
		9)SURYANARAYANA, VISHWANATH
		CHANDRASHEKARIAH

(57) Abstract :

The invention relates to a method for weight based auto ramping of liquid steel in tundish during ladle change over adapted to reduce emulsification by controlled slow rate of steel filling and a system to implement the method. The method involves low filling rate of steel as a function of the ladle through put and result in ladle filling to desired level in 12-15 minutes time avoiding turbulence in liquid steel and minimizing silica inclusion or slag entrapment, ensuring improved cleanliness and quality of cast steel. The system of the invention is having PLC based control of pneumatically operating/opening slide gate for steel filling in tundish favoring automatic weight based filling up to a safe level. The auto ramping of tundish is thus capable of wide industrial application in steel industry with less defects and rejections of change over slabs in continuous casting, with improved productivity at less cost in a safe and reliable manner.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2010

(21) Application No.852/MUM/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A PROCESS OF REFINING VEGETABLE OIL

	:A23D 9/02, C07 F9/00	(71) Name of Applicant : 1)MONARCH CATALYST PVT. LTD. Address of Applicant :A 94, MIDC, PHASE 1, DOMBIVLI (EAST), THANE - 421 203, MAHARASHTRA, INDIA.
(51) International classification	:NA	(72) Name of Inventor : 1)VADALIA HITESH CHIMANLAL 2)GANGUNDI PRAKASH BABU 3)BHAGWAT PRIYA VIKRAM 4)RANE SWATI GAJANAN 5)KALLYANPUR MOHAN RAO 6)MALSHE VINOD CHINTAMANI
(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	

(57) Abstract :

The present invention discloses a process of refining crude oil while retaining essential ingredients like tocopherol, sterol, phospholipids, oil soluble vitamins, etc. The free fatty acids are removed by treating the oil with the macro-porous or macro-reticular weak base anion exchange resin at oil / resin ratio of 10 for 5 hour. The acid oil/ waste or spent oil can also be refined by the process of the invention and the refined oil thereafter used in biodiesel production.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2010

(21) Application No.853/MUM/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A PROCESS FOR PRODUCTION OF BIODIESEL

(51) International classification	:C10L 1/02, C11C 3/04	(71) Name of Applicant : 1)MONARCH CATALYST PVT. LTD. Address of Applicant :A 94, MIDC, PHASE 1, DOMBIVLI (EAST), THANE - 421 203, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)VADALIA HITESH CHIMANLAL
(33) Name of priority country	:NA	2)GANGUNDI PRAKASH BABU
(86) International Application No	:NA	3)BHAGWAT PRIYA VIKRAM
Filing Date	:NA	4)RANE SWATI GAJANAN
(87) International Publication No	: NA	5)KALLYANPUR MOHAN RAO
(61) Patent of Addition to Application Number	:NA	6)MALSHE VINOD CHINTAMANI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a process for production of biodiesel from oil containing 1 to 90% of free fatty acids. Free fatty acids are removed by First converting the free fatty acids into glycerides by using glycerin in presence of silica supported sulphated zirconia catalyst at temperature of 65 to 250° C and then by chcmisorption using macro-porous or macro-reticular weak base resin. Thus the oil which is substantially free from free fatty acids is further converted into biodiesel by trans-esterification using basic catalyst. The present invention also discloses a method of purification of product biodiesel and by-product of biodiesel glycerin, by using macro-porous or macro-reticular strong acid cation exchange resin.

No. of Pages : 20 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/04/2010

(21) Application No.1018/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR THE ANALYSIS OF OVARIAN CANCER DISORDERS

(51) International classification	:C12Q1/68
(31) Priority Document No	:60/972839
(32) Priority Date	:17/09/2007
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filed on	:PCT/IB2008/053743 :16/09/2008
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1 NL-5621
BA EINDHOVEN NETHERLANDS

2)COLD SPRING HARBOR LABORATORY

(72)Name of Inventor :

1)KAMALAKARAN Sitharthan

2)LUCITO Robert

3)HICKS James Bruce

(57) Abstract :

The invention relates to a method for the analysis of ovarian cancer disorders, comprising determining in a panel of at least four sequences the genomic methylation status of one or more CpG dinucleotides in each sequence, wherein the sequences are selected from the group of sequences according to SEQ ID NO. 1 to SEQ ID NO. 10 and/or SEQ ID NO. 50 to SEQ ID NO. 60. Optionally, the method further comprises inputting the one or more results from the methylation status test into a classifier that is obtained from a Diagnostic Multi Variate Model, calculating a likelihood as to whether the sample is from a normal tissue or an ovarian cancer tissue, and/or calculating an associated p-value for the confidence in the prediction.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2011

(21) Application No.1557/CHE/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN ASSEMBLY FOR MOUNTING A HANDLE ON A VEHICLE DOOR

(51) International classification	:E05B
(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)RAVINDRA DESAI

2)SHRIRAM JOSHI

3)VIRUPAXI PAYANNAVAR

(57) Abstract :

A vehicle door handle assembly comprising a handle part, a base part, handle part being provided with means for forming an operable connection to door latching mechanism of vehicle, handle part being pivotally connected to the base part for executing a pivoting movement between door latching position and door unlatching position, and the base part is provided with at least a restraining means for restricting movement of the base part relative to the plane of the abutting surface and at least a retaining means for securing said assembly to the vehicle door, the retaining means is configured to engage with corresponding aperture provided on the surface of the vehicle door.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1571/CHE/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ILLUMINATION SYSTEM FOR OPHTHALMIC MICROSCOPE, AND ITS OPERATION METHOD

(51) International classification	:G02B
(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)M/S. APPASAMY ASSOCIATES

Address of Applicant :20, SBI OFFICER'S COLONY, FIRST STREET, ARUMBakkAM, CHENNAI - 600 106 Tamil Nadu India

(72)Name of Inventor :

1)R. K. NARAYANASWAMY

(57) Abstract :

The present invention discloses a illumination system for ophthalmic microscope and its operation method. Light beams generated by White LED (1), passes through the condenser (2) and relay system (4) to produce illumination on retina of the eye (11) and boundary of the illumination is determined by the aperture stop (3). To enhance the visualization of red glow, a Single source beam then divided into two beams using divider system (5) contains Beam splitter (5a) and mirror (5b). Transmitted beams (8a) and reflected beams (8b) are made to focus on circular areas coated with reflective material (6a and 6b) of virtual beam splitter (6) which is positioned coaxially with observation system(9) of the microscope. Focused beam then passes through the objective lens (7) of the microscopic system. Reflected beams from retina (11) then passes through the objective lens (7) and reaches the observation system (9) via Virtual Beam Splitter (6).

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/07/2010

(21) Application No.1855/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MULTI SECURED DROPPING OF SPOOFED PACKETS AT THE GATEWAY FOR UNAUTHORISED NETWORKS

(51) International classification	:H04L	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SRIDHARAN KRISHNAN
(32) Priority Date	:NA	Address of Applicant :NO: B-4, PREMIER
(33) Name of priority country	:NA	GRAHALAKSHMI APARTMENTS, NO: 08,
(86) International Application No	:NA	RAMACHANDRA ROAD, MYLAPORE, CHENNAI - 600 004.
Filing Date	:NA	Tamil Nadu India
(87) International Publication No	: NA	2)LOGANATHAN VINOOTH
(61) Patent of Addition to Application Number	:NA	3)DR. NARAYANASAMY RADHIKA
Filing Date	:NA	(72) Name of Inventor :
(62) Divisional to Application Number	:NA	1)SRIDHARAN KRISHNAN
Filing Date	:NA	2)LOGANATHAN VINOOTH
		3)DR.NARAYANASAMY RADHIKA

(57) Abstract :

Spoofed packets in a Datagram are prevented at gateway itself, based on the Network address. In wired networks, as the packet reaches the gateway of the source network, before its destination host, extracting the source Internet Protocol address and masking with a subnet mask, to be verified with the network address and the packets failing to pass are dropped at gateway itself. In wireless network, the source host may be within the Home Network or. Foreign Network. Host being a Home Network, it follows the pattern similar to wired network. If foreign network is the host, tunneling methodology is used. Datagram being tunneled to the Home Agent by the Foreign Agent with its Internet Protocol address as the source address and the Home Agent Internet Protocol address as the destination address, forwarded to destination by Home Agent.

No. of Pages : 17 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2011

(21) Application No.1549/CHE/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : 'GREEN CUTTING FLUID'

(51) International classification	:C04B
(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)ILLINOIS TOOL WORKS INC.

Address of Applicant :3600 WEST LAKE AVENUE,
GLENVIEW, ILLINOIS-60026-1215 U.S.A.

(72)Name of Inventor :

1)ANAND KUMAR

2)AMIT PANDEY

3)AJAY KHONGAL

4)SUBODH DESHPANDE

(57) Abstract :

The present invention relates to a green cutting fluid which is free from chemicals like amines, boron, chlorine and has no added sulphur, which exhibits superior properties in terms of stability, corrosion resistance, effective lubrication and having reduced mist and no sludge formation. Thus the green cutting fluid of the invention is an environmental friendly cutting fluid. The said green cutting fluid comprising base oil, emulsifier, corrosion inhibitor, and extreme pressure additive (E P additive),water, pH buffer, couplers, biocides, and defoamer. This invention also relates to a process for the preparation of the said green cutting fluid comprising the steps of mixing the acid ingredients and neutralizing with caustic potash solution, adding base oil, sulfonates, ethoxylates and esters and stirring, adding the remaining ingredients such as biocides, couplers and defoamer and stirring, adding demineralized water and stirring.

No. of Pages : 22 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1559/CHE/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PHOTONIC CRYSTAL BASED TUNABLE OPTICAL CHANNEL DROP FILTER

(51) International classification	:G02B
(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)SSN COLLEGE OF ENGINEERING

Address of Applicant :OLD MAHABALIPURAM ROAD,
KALAVAKKAM - 603 110 Tamil Nadu India

(72)Name of Inventor :

1)DR. PRITA NAIR

2)MR. M. RENILKUMAR

(57) Abstract :

In all-optical network driven by wavelength division multiplexing (WDM), remotely reconfigurable optical filtering, optical switching and optical routing become the most important issues for interconnecting transport network layers which guarantee the dynamic low latency provisioning network by eliminating optical - to - electrical - to - optical conversions. This invention describes a novel tunable optical channel drop filter for the all optical WDM applications. The filter is essentially a Fabry - Perot resonant cavity with the mirrors replaced by one-dimensional photonic crystals. The tunable optical filter comprises of a plurality of layers forming the one-dimensional photonic crystal structures over the substrate. The layers are spaced apart from each other and a material with a different dielectric constant than the layers is provided within the spacing between the layers. The tunable resonant cavity is then formed by varying the width of the central layer. Tunability is provided through the integration of the photonic crystals with microelectromechanical systems (MEMS) based comb drive actuators suspended on low stiffness folded springs in a way that ensures parallel movement of the photonic crystals. This filter is capable of selectively dropping or adding a coarse wavelength division multiplexed (CWDM) channel or a band of dense wavelength division multiplexed (DWDM) channels. Apart from the add/drop functionality, it can also be used for optical power monitoring, tunable channel locking and equalization. The invention has the advantages of (1) low voltage operation, (2) high wavelength sensitivity (3) wide tuning range, (4) simultaneous tuning over different stop bands of the photonic crystal and (5) low form factor and hence the possibility of compact device packaging compared to the conventional filters.

No. of Pages : 10 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/07/2010

(21) Application No.1866/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF VALSARTAN

(51) International classification	:C07D
(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)AUROBINDO PHARMA LTD

Address of Applicant :PLOT NO.2, MAITRIVIHAR,
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(72)Name of Inventor :

1)CHINTA RAVEENDRA REDDY

2)NANGI GANGADHARA BHIMA SHANKAR

3)NAYINI MAHENDAR REDDY

4)YALLAPPA SOMAPPA SOMANNAVAR

5)BUDIDET SHANKAR REDDY

6)AMINUL ISLAM

7)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :

The present invention relates to a process for the preparation of pure Valsartan (I) substantially free from impurities of formulae (Ia), (Ib), and (Ic), which comprises: (i) condensing 2-(4-bromomethylphenyl)benzonitrile of formula (II) with L-valine methyl ester hydrochloride of formula (V) in the presence of a base in a solvent to produce N-[(2-cyanobiphenyl-4-yl)methyl]-(L)-valine methyl ester of formula (VI); (ii) treating the compound VI of step (i) with acid followed by treating with base to produce pure compound VI substantially free from dimeric impurity of formula (VIa); (iii) reacting the pure compound of formula (VI) with n-valeryl chloride in the presence of a base to produce pure N-valeryl-N-[(2-cyanobiphenyl-4-yl)methyl]-(L)-valine methyl ester (VII) substantially free from alkene impurity of formula (VIIa); (iv) reacting the compound of formula (VII) with trialkyltin chloride and a metal azide in a solvent at a reflux temperature to produce N-(l-oxopentyl)-N-[[2-(2-tributyltintetrazol-5-yl)-(l,l-biphenyl)-4-yl]methyl]-(L)-valine methyl ester of formula (VIIIb) free from thermal degradation impurity (Villa); (v) hydrolyzing the compound of formula (VIIIb) in the presence of alkaline conditions to produce Valsartan (I).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2010

(21) Application No.1897/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF SEVELAMER AND ITS PHARMACEUTICALLY ACCEPTABLE SALTS

(51) International classification	:A61K31/00	(71) Name of Applicant : 1)MATRIX LABORATORIES LTD Address of Applicant :1-1-151/1, IV FLOOR, SAIRAM TOWERS, ALEXANDER ROAD, SECUNDERABAD - 500 003 Andhra Pradesh India
(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	

(57) Abstract :

The present invention provides an improved process for the preparation of Sevelamer or its pharmaceutically acceptable salts thereof, wherein polyallylamine hydrochloride is subjected to setting free of acid in the presence of base and reacted with epichlorohydrin in the presence of a phase transfer catalyst to get easily filterable granular Sevelamer hydrochloride, optionally converted into pharmaceutically acceptable salts.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2010

(21) Application No.1898/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SOLID STATE FORMS OF ETORICOXIB SALTS

(51) International classification	:C07D	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ACTAVIS GROUP PTC EHF
(32) Priority Date	:NA	Address of Applicant :REYKJAVIKURVEGI 76-78, 220,
(33) Name of priority country	:NA	HAFNARFJOROUR Ice Land
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MAYUR DEVJIBHAI KHUNT
(87) International Publication No	: NA	2)ATHUKURI VENKATA SUBBARAO
(61) Patent of Addition to Application Number	:NA	3)NITIN SHARADCHANDRA PRADHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided herein are novel solid state forms of etoricoxib salts, process for their preparation, pharmaceutical compositions, and method of treating thereof. The etoricoxib salts include an oxalate salt, a succinate salt, a fumarate salt, a besylate salt, a hydrobromide salt, a glutamate salt, a sulfamate salt, a benzoate salt, a cinnamate salt, a salicylate salt, or a tosylate salt. The solid state forms of etoricoxib salts disclosed herein are useful for preparing etoricoxib free base with high purity.

No. of Pages : 64 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2010

(21) Application No.1938/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A HATCHING UNIT

(51) International classification

:A01K

(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)TAMILNADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY (TANUVAS)

Address of Applicant :CHENNAI, DIRECTORATE OF CENTRE FOR ANIMAL PRODUCTION STUDIES, INSTITUTE OF POULTRY PRODUCTION AND MANAGEMENT NANDANAM, CHENNAI - 600 035. Tamil Nadu India

(72)Name of Inventor :

1)M.BABU

2)T. LURTHU REETHA

(57) Abstract :

This invention relates to a hatching unit comprising of a chamber accommodating tray for hatching eggs above water tray, wherein said chamber is provided with IC, a plurality of vents and thermohygrometer.

No. of Pages : 9 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2010

(21) Application No.1939/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN IMPROVED EGG CANDLER

(51) International classification

:F21V

(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)M. BABU
2)T. LURTHU REETHA**

(57) Abstract :

This invention relates to an improved egg candler comprising of a three cell torch without the front round glass and with a concave reflector before the bulb increasing the aperture.

No. of Pages : 8 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2010

(21) Application No.1951/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN IMPROVED SPINDLE ASSEMBLY FOR TEXTILE MACHINES

(51) International classification

:D01H

(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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Nadu India

(72)Name of Inventor :

**1)NARAYANASWAMY KRISHNAKUMAR
2)PERUMALSAMY RAMAMOORTHI
3)KRISHNASAMY SOUNDARARAJAN**

(57) Abstract :

This invention relates to an improved spindle assembly for use in textile ring spinning and twisting machines. The spindle assembly comprises a spindle bolster (1), a spindle shaft (2) and a driving wharve (3). The spindle shaft (2) is supported in a neck bearing (4) in the form of a needle bearing at the top and in a foot step bearing (5) at the bottom and located in a bearing housing (6). The diameter of needle rollers (27) in the neck bearing (4) is less than or equal to 2.4 mm.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2010

(21) Application No.1964/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM AND METHOD OF PROVIDING ENERGY AS A SERVICE

(51) International classification	:H04W
(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)LOGICA PRIVATE LIMITED

Address of Applicant :Divyasree Technopolis 124-125
Yemlur Main Road Yemlur P.O. Off Airport Road Bangalore
560037 Karnataka India

(72)Name of Inventor :

1)Villapakkam Radhakrishnan Vijay Anand

2)Ashish Joshi

(57) Abstract :

The present invention provides a system and method for providing energy as a service. In one embodiment, a system for providing energy as a service includes a plurality of energy based service equipments located in a premise associated with an entity, an energy service platform for providing one or more energy value added services to the entity through the plurality of energy based service equipments based on a pre-subscribed plan subscribed by the entity, and a gateway located in the premise and coupled to the plurality of energy based service equipments for delivering the one or more energy value added services to the entity through the plurality of energy based service equipments.

No. of Pages : 17 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/07/2010

(21) Application No.1998/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A MINERAL JIG

(51) International classification	:b03b
(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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Address of Applicant :PLOT NO. 56, 3RD PHASE, 4TH MAIN, PEENYA INDUSTRIAL AREA, BANGALORE - 5600058 Karnataka India

(72)Name of Inventor :

1)ANTONY PHILIP BOND

2)ANUP KUMAR DUTTA

3)ARUP CHAKRABORTY

(57) Abstract :

A hydraulic jig comprising two lines of three jiggling cells each suitable for processing two mineral streams simultaneously and in parallel is disclosed. Cells 1 and 2 comprise inclined adjustable beds while cell 3 bed has a horizontal ragging layer. Material is withdrawn at the end of cell 2 and after cell 3, the discharge chambers comprising multiple discharge gates. The bedplate and airchamber stacks are held in position by compression means housed in recesses in cell sidewalls such as to minimise water turbulence and give an obstruction-free access to the jig interior. A novel PLC-controlled, unitary, integrated, functionally symmetrical airbox combining air surge and exhaust functions and having better response times is described. Novel, diaphragm-actuated control valves for the airbox, guidance means for the bed height sensor stems and flanged connections for the air lines to the cells are disclosed. The jig is suitable for coal, iron ore and other ores and mineral fuels. Other jig constructions are discussed.

No. of Pages : 51 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/05/2011

(21) Application No.1575/CHE/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR AUTOMATED APPLICATION LAYER POWER MANAGEMENT SOLUTION FOR SERVERSIDE APPLICATION

(51) International classification

:G11B

(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)INFOSYS TECHNOLOGIES LIMITED

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ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
Karnataka India

(72)Name of Inventor :

1)SHYAM KUMAR DODDAVULA

(57) Abstract :

According to the one aspect of the present disclosure, a method for automated datacenter power management comprises, monitoring a metrics of an entity such as a virtual machine, an application level, a host level and an application platform. The method further comprises forecasting an application power usage by using monitored information from the entity. The monitored information can be but not restricted to a forecasted data, a historical data or a real time data. Furthermore, the method also comprises the step of applying at least one control to the entity to manage the application power usage. The at least one control can be but not restricted to changing resource pool size at application platform level, changing resource allocations the virtual machine level and changing a processor clock speed at the host level to manage application power usage.

No. of Pages : 20 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/05/2011

(21) Application No.1576/CHE/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF LEVOFLOXACIN

(51) International classification	:C07D
(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)MATRIX LABORATORIES LTD

Address of Applicant :PLOT NO.564/A/22, ROAD NO.92,
JUBILEE HILLS, HYDERABAD-500 033 Andhra Pradesh India

(72)Name of Inventor :

1)KONUDULA, BABURAO

2)ABBINENI, JYOTHIBASU

3)GADUPUDI, SATISH BABU

4)MULAKALA, ACHUTA RAMAYYACHOWDARY

5)DANDALA, RAMESH

(57) Abstract :

An improved process for the preparation of Levofloxacin The present invention relates to an improved process for the preparation of Levofloxacin by reacting (S)-(-)9,10-difluoro-3-methyl-7-oxo-2,3-dihydro-7H-pyrido [1,2,3-de][1,4] benzoxazine-6-carboxylic acid with N-methyl piperazine, wherein the improvement comprises, after completion of the reaction, reaction mixture containing Levofloxacin in water immiscible solvent is washed with aqueous sodium chloride solution to isolate Levofloxacin free of byproducts and salts.

No. of Pages : 9 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2010

(21) Application No.1947/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A DIE FOR MANUFACTURING ENGINE VALVE AND A METHOD OF ASSEMBLING

(51) International classification	:B21D
(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)KENNAMETAL INDIA LIMITED

Address of Applicant :8/9th MILE TUMKUR ROAD
BANGALORE 560073 KARNATAKA INDIA

(72)Name of Inventor :

1)Ramapura Suryanrayanarao RAVISHANKAR

(57) Abstract :

Embodiments of the disclosure relates to a die design and its construction, more particularly related to a replaceable die inserts for manufacturing an engine valve by metal forming process. The die is characterized in that a holder at bottom of the die, said holder comprising a top surface having a recess and a plurality of holes around the recess, a bottom surface configured to mount onto a machine, a bore at its centre; a support plate mounted at the recess of the holder; a die insert consisting a cavity having shape of the engine valve and is mounted over the support plate; a inner casing consisting a cavity matching with shape of the die insert for enclosing the die insert; a clamping means connected to the holder using fasteners, wherein the support plate, die insert and the inner casing are positioned between the clamping means and the holder.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2010

(21) Application No.2065/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A PROCESS TO CONCENTRATE ANTI-INFLAMMATORY PRINCIPLES FROM GREEN MUSSEL PERNA VIRIDIS L. AND A PRODUCT INCORPORATING THESE INGREDIENTS

(51) International classification	:A61K36/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAVAN, DR. RAJENDRA
(33) Name of priority country	:NA	PRASAD ROAD, NEW DELHI - 110 001 India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CHAKRABORTY KAJAL
(87) International Publication No	: NA	2)VIJAYAN KOYADAN KIZHAKEDATH
(61) Patent of Addition to Application Number	:NA	3)VIJAYAGOPAL PANANGHAT
Filing Date	:NA	4)SYDA RAO G
(62) Divisional to Application Number	:NA	5)JOSEPH DEEPU
Filing Date	:NA	6)CHAKKALAKAL SELSA JOSE

(57) Abstract :

The present invention relates to an anti inflammatory pharmaceutical composition of green mussel extract with 100% natural marine bioactive anti-inflammatory ingredients from Perna virdis and process of preparation thereof. The green mussel extract with natural ingredients is enriched with natural anti-inflammatory ingredients from pernaviridis. The composition comprises of Lyophilized Mussel Powder (A) and a mixture (B) with a combination of Polysaccharides (PS), Glycolipoprotein (GLP), and lecithin fractions (F) alongwith R. grossularia as a stabilizer in which the weight ratio of the lyophilized mussel powder (A) to mixture (B) is from x1:x2 to y1:y2 wherein x1:x2 is 98.7:1.3 and y1:y2 is 96.3:3.7. This supplement is found to be significantly more effective than a non-enriched one to produce anti-inflammatory effects. The study of this formulation revealed that it is beneficial to control arthritis/anti-inflammatory joint pains thereby useful as a natural alternative to synthetic non- steroidal anti-inflammatory drugs.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/07/2010

(21) Application No.1856/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : TRANSMISSION SEALING SYSTEM

(51) International classification

:F16D

(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)TVS MOTOR COMPANY LIMITED

Address of Applicant :JAYALAKSHMI ESTATES,
NO.29(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006.
Tamil Nadu India

(72)Name of Inventor :

1)VARUNPRABHU RAMASWAMY

2)TUSHAR RAJARAM GAWADE

3)GOLLPALLI SURYA GANGADHARA RAVIKANTH

4)MOSALI NAGARJUN REDDY

(57) Abstract :

A transmission sealing system for constant velocity universal joints is provided with a propeller shaft; a muff cup, slidably connecting the propeller shaft; and a bellow to cover the muff cup wherein the bellow is provided with at least one groove to snugly fit with the corresponding projection on the muff cup.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/07/2010

(21) Application No.1857/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COMBINED BRAKING SYSTEM FOR A MOTORCYCLE

(51) International classification	:B62K
(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)TVS MOTOR COMPANY LIMITED

Address of Applicant :JAYALAKSHMI ESTATES, NO.29,
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(72)**Name of Inventor :**

1)GOVARDAN DAGGUPATI

2)CHANDAN MANDIKAL RAGHURAM

3)VENKATA MANGARAJU K

4)RENGARAJAN BABU

(57) Abstract :

A motorcycle is provided with an combined brake system (CBS) having a front fork supporting a front wheel of a motorcycle is supported to be rotatable by a head pipe located at a front end portion of a body frame of the motorcycle, at least one main tube extending from upper portion of the head tube obliquely downward and backward, at least one down tube extending obliquely from lower portion of the head tube towards back and a CBS unit is disposed in the vicinity of the oblique portion of the main tube.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2010

(21) Application No.1941/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : WIRELESS HAND-HELD DISPLAY DEVICE TO DISPLAY REAL TIME FUEL FILLING INFORMATION ALONG WITH ADVERTISEMENT CONTENT

(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

(71)Name of Applicant :

1)TOTA, CHERISH

Address of Applicant :1-A, EASTWOOD LAYOUT,
HARLUR ROAD, OFF SARJAPUR ROAD, BANGALORE.
Karnataka India

2)BOHRA, GAUTHAM

(72)Name of Inventor :

1)TOTA, CHERISH

2)BOHRA, GAUTHAM

(57) Abstract :

A wireless handheld display device (10) to display real time fuel filling information along with advertisement content, the device (10) comprising: a processor unit (12) for controlling the overall operation of the device (10); a storage unit (14) for storing data files; a first display unit (16) to display output of fuel dispenser operational data; a second display unit (18) to display advertisement content; a first wireless communication module (20) providing means for communicating with another communication device through a communication network to fetch fuel dispensed data for said first display unit (16); a second wireless communication module (22) providing means for communicating with another communication device connected to a base station (30) through a communication network to fetch data for said second display unit (18) displaying advertisement content; a wireless input unit (24) including at least one operational functionality relating to a fuel dispensing unit and display of advertisement content on the said second display unit (18); a input unit (26) for operatively communicating said wireless input device (10) with said processor unit (12) and with the other components of the device (10); and a power unit (28) including battery providing power for the device (10) in the normal operation mode.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2010

(21) Application No.2071/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A DEVICE FOR LARGE SCALE CELL CULTURE IN A SEA BASED BIO REACTOR

(51) International classification	:C12M
(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)PANDURANGA REVANKAR KRISHNA PRASAD
Address of Applicant :#1826 (UPSTAIRS), 2ND CROSS,
SAMPIGE ROAD, MALLESHWARAM, BANGALORE
Karnataka India

(72)**Name of Inventor :**

1)PANDURANGA REVANKAR KRISHNA PRASAD

(57) Abstract :

A device, system, and method to enable large scale cell culture in a cost effective manner to produce Enzymes ,Bio Polymers and crop protection chemicals and pharmaceuticals on the Sea comprising of A bio reactor made of flexible plastic film as separator barrier between sea water and media, held by floats near sea surface, coupled to a inlet channel open and closed type made of flexible plastic film to convey media and fresh water with closed type channel , a solar based heater unit, a Bio gas digestor made of flexible plastic film as separator between sea water and organic waste matter to be digested to generate methane used as fuel. a Floating platform with engine ,pumps, sterilisation unit, a crane, centrifuge and microprocessor for control:

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2010

(21) Application No.2072/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A DEVISE TO CONFINE OIL SPILL, EXTRACT OIL AND TREAT WATER TO REMOVE TOXINS

(51) International classification	:C12M	(71) Name of Applicant : 1)PANDURANGA REVANKAR KRISHNA PRASAD Address of Applicant :#1826 (UPSTAIRS), 2ND CROSS, SAMPIGE ROAD, MALLESHWARAM, BANGALORE Karnataka India
(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	

(57) Abstract :

A device, system, and method to enable large scale cell culture in a cost effective manner to produce Enzymes ,Bio Polymers and crop protection chemicals and pharmaceuticals on the Sea comprising of A bio reactor made of flexible plastic film as separator barrier between sea water and media, held by floats near sea surface, coupled to a inlet channel open and closed type made of flexible plastic film to convey media and fresh water with closed type channel , a solar based heater unit, a Bio gas digestor made of flexible plastic film as separator between sea water and organic waste matter to be digested to generate methane used as fuel. a Floating platform with engine ,pumps, sterilisation unit, a crane, centrifuge and microprocessor for control:

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/07/2010

(21) Application No.1930/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR CONDUCTING HIGH STAKE EXAMINATIONS USING INTEGRATED TECHNOLOGY PLATFORM

(51) International classification	:G06Q	(71) Name of Applicant : 1)MINDLOGICX INFRATEC LIMITED Address of Applicant :10/1B GRAPHITE INDIA ROAD,NEAR WHITEFIELD, BANGALORE-560 048. Karnataka India
(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	

(57) Abstract :

The present invention relates to a system and method, which enables to conduct and management of high stake examinations online in a distributed mode. More specifically, the present invention provides an integrated technology platform for conducting both online and offline examinations in a secured manner. The technology platform provides end-to-end solutions, which covers online application, online hall ticket generation, online question bank authoring, secured question paper generation and online delivery, digital evaluation of hand written answer scripts, result processing and online publishing of the result and digital generation of mark sheets and degree certificates with a unique global access code (GAC) per certificate.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/07/2010

(21) Application No.2012/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ANTI-COLLISION AND ANTI-DERAILMENT SYSTEM FOR RAIL VEHICLES

(51) International classification	:G01S, B61L
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)Sathis B.V.

Address of Applicant :Bangalore-Mysore Road Byrapetana
(V) Malur Post Channapatna Taluk Ramanagar District -
571501 Karnataka India

(72)Name of Inventor :

1)Sathis B.V.

(57) Abstract :

The presented invention is to provide cost effective, less complicated automated system providing an Additional layer of Safety in Rail Operations. It provides both anti-collision and anti-derailment technologies within a single system placed within the rail locomotive; it is independent of external communication systems such as GPS, GSM, LASER, Satellite Navigation, RADAR, rail electric circuits, etc. It prevents significantly collisions of trains with other trains or obstacles on the same track and the accidents due to derailing at any stage of the rail track.

No. of Pages : 19 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2010

(21) Application No.2070/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A DEVISE TO PRODUCE ALCOHOL, BIO FUELS AND OTHER COMPOUNDS WITH A SEA BASED FERMENTOR

(51) International classification	:c12m	(71) Name of Applicant : 1)PANDURANGA REVANKAR KRISHNA PRASAD Address of Applicant :#1826 (UPSTAIRS), 2ND CROSS, SAMPIGE ROAD, MALLESHWARAM, BANGALORE Karnataka India
(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	

(57) Abstract :

A device, system, and method to produce alcohol and Bio fuels from bulky organic matter with a Sea based Fermentor with low cost per unit volume, formed from a plastic separator barrier which is flexible plastic film , a solar based distillation still with vacuum assist are disclosed. In one embodiment, a device includes a Fermentor coupled to a inlet channel made of plastic film separator ,converted to Continous process Fermentation channel, a Bio Gas digestor to generate methane, the digester, a floating platform having engine , pumps, centrifuge and sterilization unit and a crane ,a water treatment unit formed from plastic film is provided

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.2182/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NOVEL COATED EXTENDED RELEASE PHARMACEUTICAL COMPOSITIONS CONTAINING PALIPERIDONE

(51) International classification	:a61k9/00	(71) Name of Applicant : 1)Micro Labs Limited Address of Applicant :No. 27 Race Course Road Bangalore-560 001 Madhya Pradesh 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)KSHIRSAGAR Rajesh
(87) International Publication No	: NA	2)SHINDE Ganesh
(61) Patent of Addition to Application Number	:NA	3)KAMBLE Pravin
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A non-osmotic coated extended release pharmaceutical composition comprising Paliperidone or pharmaceutically acceptable salts thereof and one or more pharmaceutical excipients and process for preparing the same. The present invention particularly relates to a non-osmotic coated extended release pharmaceutical composition comprising Paliperidone or pharmaceutically acceptable salts thereof and one or more pharmaceutical excipients wherein the core is coated with a release controlling composition..

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/08/2010

(21) Application No.2220/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DEFROSTING A FREEZING UNIT AND LIQUID PURIFICATION

(51) International classification	:F25D	(71) Name of Applicant : 1)MANIPAL INSTITUTE OF TECHNOLOGY Address of Applicant :Manipal Udupi District Karnataka 576104 Karnataka 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 : 1)MAYANK SWARUP 2)TANVI GUPTA
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 :

A method and system for liquid purification and defrosting a freezing unit harvests energy released as heat from a condenser. Liquid received from a source into a first liquid storage container is heated using heat collected from the condenser using at least one heat conducting rod. A second liquid storage container connected to the first liquid storage container is maintained at a lower temperature than the first liquid storage container.

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/07/2010

(21) Application No.2026/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SIT-SQUAT TOILET

(51) International classification	:A47K, E03D	(71) Name of Applicant : 1)THAIKATTIL JOSE Address of Applicant :THAIKATTIL HOUSE, TIRURANGADI P.O. 676 306. Kerala India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)THAIKATTIL JOSE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention provides a sit-squat toilet comprising a pan shaped toilet body having an outlet opening at the bottom of the toilet body, said toilet body having a raised portion towards the back on the two sides for seating a person thereon, and a lowered portion towards the front on the two sides for enabling a person to squat in the space so provided towards the front.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2010

(21) Application No.2049/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : INTELLIGENT LICENSE PLATE SYSTEM

(51) International classification

:G07B

(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)AMERICAN MEGATRENDS INDIA PRIVATE LIMITED,
Address of Applicant :KUMARAN NAGAR OFF OLD MAHABALIPURAM ROAD, SEMMANCHERY,CHENNAI - 600 119 Tamil Nadu India

(72)Name of Inventor :

**1)MR.SUBRAMONIAN SHANKAR
2)MR.SUKHA RANJAN GHOSH
3)MR. SRIDHARAN MANI**

(57) Abstract :

The invention discloses an intelligent license plate system which has various features such as detection of removal of license plate from the vehicle, tracking of electronic license plate by a remote management system at any time, programmable updates being sent from the License Plate to the remote management system at required time intervals, automatic checking whether the license plate has been renewed, alerting when an automobile enters any unauthorized zone or time restricted zone, tracking vehicles which have crossed a particular road at a particular time, logging automobile movement data in the license plate which can be downloaded to the management system whenever required for analysis, detection of toll road access and charging, over speed alerting and providing an electronically readable RFID tag in the license plate which is readable by Police or Authority on the road.

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2010

(21) Application No.2116/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : STEERING SYSTEM FOR TWO WHEELER

(51) International classification

:B62D

(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)TVS MOTOR COMPANY LIMITED

Address of Applicant :JAYALAKSHMI ESTATES, NO.29,
(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil
Nadu India

(72)Name of Inventor :

1)BALAGURU SRIDHAR

2)V P BRAHMADEVAN

3)V JAYA JOTHI JOHNSON

(57) Abstract :

A two wheeler having a radiator disposed on the vicinity of the pivot tube is provided with a steering column opening; a flap provided at the steering column opening; and at least one opening provided in the flap.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2010

(21) Application No.2211/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN IMPROVED VERTICALLY OPERATING WASHING MACHINE

(51) International classification	:D06F
(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)FARHAD FARJADFARD

Address of Applicant :4/380, RAM GARDEN, ANNA SALAI, PALAVAKKAM, CHENNAI - 600 041. Tamil Nadu India

(72)Name of Inventor :

1)FARHAD FARJADFARD

(57) Abstract :

A vertically operating washing machine consists of a drum for accommodating the desired number of clothes, and a spirally rotating stem for assisting the washing process. A rotating and pressing disc is provided with the drum for performing the laundry action, such that a direct drive motor placed in the washing machine transmits the required motion to the rotating and pressing disc. The Spirally rotating stem lowers and adjusts the exactly required position of the rotating and pressing disc, with respect to the volume of the clothes accommodated in the drum. The rotating and pressing disc is of a perforated disc having grip wedge, so that the up and down reciprocating action will exert more effective mechanical pressure over the clothes to enable complete cleaning of the clothes inside the drum of the washing machine. The drum includes a perforated plate at its concave base with a desired number of air and water passage holes. The arrangement is made, such that an appropriate space is provided, above the perforated top of the rotating and pressing disc to accommodate air and water which every time enter to this part, depend on the capacity and size of the machine. This gap is also related to the gap between the lower perforated disc and the bottom of the drum. This empty space also accommodates air and water entering into it, during the rotating and pressing process.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/08/2010

(21) Application No.2240/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A NOVEL BIO ECO CUTTING OIL FORMULATION USING AZADIRACHTA INDICA SEEDS

(51) International classification	:C10N40/20	(71) Name of Applicant : 1)N.V.SATHEESH MADHAV Address of Applicant :DIR.,DIT, FACULTY OF PHARMACY, MUSSORIE DIVERSION ROAD, BAGAWANTPUR, MAKKAWALA, DEHRADUN. Uttarakhand India
(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	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)N.V.SATHEESH MADHAV
Filing Date	:NA	2)DEVESH SAXSENA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention reveals a simplified, economical, novel, biodegradable process for preparing a complete biodegradable metal cutting bio eco emulsion. The formulation comprises one bio oil component, Triethanolamine and a preservative like Methyl paraben and Propyl Paraben. The emulsion concentrate is prepared by incorporating Azadirachta indica seed milk, triethanolamine and preservatives in a definite proportions and subjected for mechanical stirring so as to get uniform bioconcentrated homogenate which was further diluted with water in 2 different proportions is 5: 95 and 10: 90. The emulsion concentrate and diluted emulsions were subjected for various evaluation parameters like pH measurement, stability, and Iron Chip corrosion test and stability studies. The results reveal that formulation that FO 64 displayed unique stability and passed all BIS Specification Tests. A conclusion was drawn that this eco bio cutting oil can serve as complete biodegradable cutting oil which can be widely used as a lubricant while cutting the metal in various small scale and large scale industries.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/08/2010

(21) Application No.2237/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FILTER SCREEN ARRANGEMENT FOR TEXTILE MACHINES

(51) International classification	:D01D	(71) Name of Applicant :
(31) Priority Document No	:NA	1)LAKSHMI MACHINE WORKS LTD.
(32) Priority Date	:NA	Address of Applicant :PERIANAICKENPALAYAM,
(33) Name of priority country	:NA	COIMBATORE 641 020 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)NARAYANASWAMY KRISHNAKUMAR
(87) International Publication No	: NA	2)GOVINDHARAJULU MANI
(61) Patent of Addition to Application Number	:NA	3)VENKATESHAN NARENDRA
Filing Date	:NA	4)CHOLAPADI VENKATESAN VENKATACHARI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to the present invention two circular frames (12) and (13) are joined together by means of any fastening method. The joining of circular frames (12 and 13) forms an inner frame (14) with a L shaped flange on its outer surface. The filter screen (15) is being held between the inner frame (14) and outer circular frame (16). The entire arrangement is mounted on the separation wall (4) of the suction arrangement (1).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/08/2011

(21) Application No.2239/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A NOVEL PROCESS FOR THE ISOLATION OF POLYPHENOLS ENRICHED WITH PROCYANIDINES FROM CINNAMON/CASSIA SPECIES

(51) International classification

:A61K36/00

(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)AKAY FLAVOURS & AROMATICS PVT. LTD

Address of Applicant :AMBUNADU,
MALAIDAMTHURUTH P.O, ALUVA, ERNAKULAM -683
561. Kerala India

(72)Name of Inventor :

**1)DR.KRISHNAKUMAR ILLATHU MADAVA MENON
2)ABIN ISSAC
3)DINESHKUMAR UNNI KRISHNAN
4)ASWIN KOSHY JACOB VAIDYAN
5)DR.BALU PAULOSE MALIAKEL**

(57) Abstract :

A novel process for the selective extraction, from various cinnamomum species, of bioactive, bioavailable, antioxidant polyphenols enriched with procyanidin Type A and Type B oligomers, with more than 90% purity and recovery, by eliminating the toxic coumains, cinnamaldehyde etc to not more than 300 ppm levels, using non toxic solvents.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2270/CHE/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN ACCURATE, ECONOMICAL, FAST TRACK, DNA FINGER PRINTING BASED GENETIC PURITY TESTING TECHNIQUE FOR COMMERCIAL SEED LOT

(51) International classification	:C12Q	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TAMIL NADU AGRICULTURAL UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :UNIVERSITY'S REGISTRATION
(33) Name of priority country	:NA	ACT COIMBATORE - 641 003 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DR. R. JERLIN
(87) International Publication No	: NA	2)DR. R. UMARANI
(61) Patent of Addition to Application Number	:NA	3)DR. N. SENTHIL
Filing Date	:NA	4)DR. M. RAVEENDRAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

High yielding varieties are produced by the plant breeding and selection methods over many years. High cultivar purity of the seeds is the fundamental to achieve potential crop yield. Microsatellite or Simple Sequence Repeat (SSR) markers are successfully exploited to assess the genetic purity percentage in rice. The size of the sample that is subjected for seed quality assessment should be a true representative and a prescribed quantity has to be used to obtain an accurate and a reproducible result. According to Indian Minimum Seed Certification Standards (1988), to test the genetic purity, the sample size is eight hundred (800) plants for foundation seeds and four hundred (400) plants for certified seeds. DNA assay of individual seedlings to the extent of eight hundred seeds (800) or four hundred seeds (400) is cumbersome, time consuming and costly. Therefore, an alternate method of bulking of seedlings has been standardized as a new protocol for conducting the DNA assay to test genetic purity. A breakthrough has been achieved regarding the implications of bulking of seedlings with respect to i) the sufficiency of amplification of the specific or unique alleles of off type and true-to-type seeds and ii) the masking effect of alleles from true-to-type seeds over off type seeds. This hypothesis and the proof of the new DNA finger printing protocol ensure the optimum seed sample size which has been arrived through appropriate experiments.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/08/2010

(21) Application No.2285/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR INSERTING A LOCAL TELEVISION CONTENT AND A REGIONAL ADVERTISEMENT UNDER CENTRALIZED CONTROL

(51) International classification	:H04N, G06Q	(71) Name of Applicant : 1)Rajendra Kumar Khare Address of Applicant :# 1295 1st Cross 1st Main HAL 3rd Stage Indiranagar Bangalore-560075 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)Rajendra Kumar Khare
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A system and method for inserting a regional advertisement and a local television content under centralized control. The system includes a user interface for receiving a media plan from an advertiser. The system also includes a media server including a memory and a processor to insert at least one of a local television content and a regional advertisement from a centralized studio. Further, the system includes one or more edge devices for fetching and inserting at least one of . the local television content and the regional advertisement into a central network feed for a predetermined time period. The method includes fetching a local television content from a local storage device, specifying a pre-determined time period within the central network feed and inserting the local television content for the pre-determined time period into the central network feed. The system implementing the method is implemented for radio content and advertising.

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2010

(21) Application No.2073/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A RESTING CONTRAPTION FOR ELDERLY AND SICK WITH WASTE DISPOSAL BY PLASIC ENCAPSULATION

(51) International classification

:B65B

(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)PANDURANGA REVANKAR KRISHNA PRASAD

Address of Applicant :#1826 (UPSTAIRS), 2ND CROSS,
SAMPIGE ROAD, MALLESHWARAM, BANGALORE

Karnataka India

(72)Name of Inventor :

1)PANDURANGA REVANKAR KRISHNA PRASAD

(57) Abstract :

A devise to enable digestive and fluid wastes be enclosed completely by plastic film. The devise comprises of one of bed on cot and one of a chair each with a opening to allow waste to go down into the plastic bag formed from sealing of plastic sheet by heat the sheet being fed from one of single roll feed and one of double feed with seal at he middle for single rooland on two sides for the double rool feed , to form cylindrical shape and sealing at bottom and then at top after pulling the next bag into position, this being based on the pressing of the swith button by the resting person. A sliding cover to close the hole when not in use. A microprocessor based controller to control the driver motor which through gear drive pulls the plastic sheet ,and the sealing heaters with associated software which is custom programmed for this devise,

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2010

(21) Application No.2114/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS OF ISOLATION OF CYCLO (PRO-TYR) FROM BACTERIA ASSOCIATED WITH A NOVEL ENTOMOPATHOGENIC NEMATODE AND ITS ANTIMICROBIAL PROPERTY

(51) International classification	:C07K14/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH(ICAR)
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAVAN,1,DR.RAIENDRA PRASAD ROAD, NEW DELHI - 110 001 India
(33) Name of priority country	:NA	2)KERALA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY(KSCSTE)
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. C. MOHANDAS
(87) International Publication No	: NA	2)DR.BALA NAMBISAN
(61) Patent of Addition to Application Number	:NA	3)NISHANTH KUMAR .S
Filing Date	:NA	4)DR.PREM DUREJA
(62) Divisional to Application Number	:NA	5)SIJL.J.V
Filing Date	:NA	

(57) Abstract :

The isolation and characterization of a cyclic dipeptide, cyclo(pro-tyr) stereoisomer from culture filtrate of a bacteria associated with a novel Rhabditis (Oscheius) sp. is reported. The process of isolation and purification of the cyclic dipeptide involves fractional extraction of the cell free culture filtrate with an organic solvent, chromatography of the organic extract on silica gel 60, mesh size 230-400 ASTM and separation of various fractions. Purification of one active fraction by TLC/ HPLC and repeated crystallization using organic solvent yielded a pure compound which was identified as a stereoisomer of cyclo(pro-tyr) having the chemical formula C11H22N2O2 based on NMR (C13 and H1), FTIR and MS spectra. The molecule has a polarity of -99 and melting point of 89°C. The compound showed significant inhibitory activity against Bacillus subtilis MTCC 2756, Staphylococcus aureus MTCC 902, Escherichia coli MTCC 2622, Aspergillus flavus MTCC 183, Candida albicans MTCC 277, Fusarium oxysporum MTCC 284 and Rhizoctonia solani MTCC 4634. The compound is non toxic to two healthy human cell lines viz FS normal fibroblast and L 231 lung epithelial.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/08/2010

(21) Application No.2261/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A METHOD FOR CREATING PERSONALIZED 3D MOVIE CLIPS ON A HANDHELD DEVICE

(51) International classification	:G06T
(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)3D SOLID COMPRESSION PRIVATE LIMITED

Address of Applicant :45 5th Cross AGS Layout New BEL
Road Bangalore-560054 Karnataka India

(72)Name of Inventor :

1)KRISHNAN RAMASWAMI

2)RAJESH JAIN

(57) Abstract :

The present disclosure provides a method for creating a customized 3d movie clip on handheld device. The method involves selecting an animated template from plurality of pre-configured animated templates provided by an application, wherein the application is configured in the handheld device. The application enables user of the handheld device to perform plurality of customization techniques on the selected animated template. The customization involves selecting actors for enacting the animated template and adding costumes to the selected actor in model customization. Further it also involves selecting background scene and background music for the animated template in scene customization.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/08/2010

(21) Application No.2294/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING RELATIONSHIPS

(51) International classification

:H04L,
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

(71) Abstract :

A system for managing relationship between a plurality of users is provided. The system includes a relationship management server accessible via computing devices of the plurality of users. The relationship management server includes an input module configured to receive relationship initiation requests from each of the plurality of users, the relationship initiation request from each user being indicative of an interest for relationship with another selected user. The relationship management server also includes a messaging module configured to send intimation messages to the computing devices of the selected users in response to the corresponding received relationship requests and a relationship matching module configured to receive relationship matching requests from the selected users.

No. of Pages : 22 No. of Claims : 10

(71)Name of Applicant :

1)YOTTO LABS PRIVATE LIMITED

Address of Applicant :Bangalore Karnataka 560093 India

(72)Name of Inventor :

1)YOGESH JOSHI

2)DEVENDRA TRIPATHI

3)SUBIR SAHA

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/09/2010

(21) Application No.2296/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SPHAERANTHUS INDICUS DERIVED INGREDIENTS AND THEIR COMPOSITIONS FOR ENHANCING PHYSICAL PERFORMANCE AND ENERGY LEVELS

(51) International classification	:A61K36/00	(71) Name of Applicant : 1)LAILA NUTRACEUTICALS Address of Applicant :40-15-14, BRINDAVAN COLONY, VIJAYAWADA - 520 010 Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)GOKARAJU, GANGA RAJU 2)GOKARAJU, RAMA RAJU 3)GOKARAJU, VENKATA KANAKA RANGA RAJU 4)GOLAKOTI, TRIMURTULU 5)BHUPATHIRAJU, KIRAN 6)ALLURI, VENKATA KRISHNA RAJU
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The invention discloses herbal ingredients derived from Sphaeranthus indicus standardized to at least one frullanolide/eudesmanoid sesquiterpene compound and their compositions as natural energy enhancer to provide an onset and steady maintenance of energy and mental alertness in a mammal. The invention further includes the use of ingredients and compositions for food ingredient formulations such as dietary supplement, food ingredient, beverage, snack or energy drink containing the above said herbal ingredient(s) for enhancing physical activity, physical fitness, mental alertness, enhancing energy levels, stamina levels, circulatory health, blood vessel health and for better mental health in warm blooded animal.

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/08/2010

(21) Application No.2309/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : WIRE ROD COIL COMPACTOR WITH STRAP FEEDING PATH

(51) International classification	:B60B
(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)ILLINOIS TOOL WORKS INC.

Address of Applicant :3600 WEST LAKE AVENUE,
GLENVIEW, ILLINOIS - 60026-1215 U.S.A.

(72)Name of Inventor :

1)DEVENDRA HABIB

2)G. VENKATASIVA REDDY

3)S. RAGHAVAN

(57) Abstract :

The present invention relates to an assembly for compacting and strapping wire rod coil in an off-line mode, which comprises a main frame assembly (10) arranged with a hollow space, a fixed platen (12) at its one end and a guiding path (14) on its upper surface. A cradle roller unit (20) is positioned and placed inside of the hollow space of the main frame assembly for loading the wire rod coil. A movable platen (30) is associated with the main frame assembly in such a way that the movable platen is actuated and guided on the guiding path of the main frame assembly towards the fixed platen for compacting the wire rod coil loaded in the cradle roller unit. A bayonet assembly (40) is placed adjacent to the movable platen and assembled with a set of strap feeding units (42). After compacting the wire rod coil, the bayonet assembly is actuated and guided towards the fixed platen, so that the strap feeding units are guided inside the wire rod coil through the movable platen and mated with a set of strap receiving portions (12a) in the fixed platen for strapping the wire rod coil. Such assembly facilitates easy feeding and avoiding jamming of strap during strapping of the wire rod coil, and also prevents strap breakage due to improper compacting of the coil irrespective of its characteristics.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/08/2010

(21) Application No.2321/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NOVEL POLYMORPHS OF 4-HYDROXY ATOMOXETINE HYDROCHLORIDE

(51) International classification	:A61K31/00	(71) Name of Applicant : 1)MATRIX LABORATORIES LTD Address of Applicant :1-1-151/1, IV FLOOR, SAIRAM TOWERS, ALEXANDER ROAD, SECUNDERABAD-500 003. Andhra Pradesh India
(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	(72) Name of Inventor : 1)SIVA RAMA PRASAD, VELLANKI 2)ARABINDA, SAHU 3)SIVALAKSHMI DEVI, ARIKATLA 4)SRINIVASA RAO, YELUGOTI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel polymorphs of 4-hydroxy Atomoxetine hydrochloride and process for the preparation thereof. The present invention also relates to crystalline monohydrate and anhydrate forms of 4- hydroxy Atomoxetine hydrochloride.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/08/2010

(21) Application No.2336/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MAINTAINING AND VERIFYING A TRANSACTION RECORD

(51) International classification	:H04L, G06Q
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
Finland

(72)**Name of Inventor :**

1)Dhaval Jitendra Joshi

2)Divya Viswanathan

3)Jan Otto Blom

(57) Abstract :

approach is provided for maintaining and verifying a transaction record. The transaction manager determines to make a recording of all or a portion of the communication session for conducting a transaction among at least two devices. Then, the transaction manager determines to split the recording into at least two parts, wherein at least one of the two parts is a receipt of the transaction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/08/2010

(21) Application No.2353/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : REFRIGERATOR POWER SAVER

(51) International classification	:F25D
(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)SUNISH ISSAC

Address of Applicant :PUTHANANGADY HOUSE,
PERAMBRA PO, KOZHIKODE 673 525 Kerala India

(72)Name of Inventor :

1)SUNISH ISSAC

(57) Abstract :

A power saving system and method characterized in this invention, can be utilized to shut off any load automatically, particularly a refrigerator for the preset period of time considering the high power consumption of the load and energy demand of a region during peak load period. This system includes a power saving timer device used to turn off the load for a fixed period of 180 minutes termed as off period without any manual intervention except for initiating the first reset. It has a reset button to set the start of peak load time and it has to be pressed only once. The device tracks any power failure during past 24 hours and compensates the off period of the load. This system protects the load during over voltage as well as under voltage condition by cutting off the power supply to the load.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.2109/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF PROSTAGLANDIN DERIVATIVES

(51) International classification

:C07C

(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)LAURUS LABS PVT LTD

Address of Applicant :2ND FLOOR, SERENE CHAMBERS
ROAD #7, BANJARA HILLS HYDERABAD - 500 034 Andhra
Pradesh India

(72)Name of Inventor :

1)KOMMANA PRAVEEN

**2)DAMMALAPATI VENKATA LAKSHMI NARASIMHA
RAO**

(57) Abstract :

The present invention provides a method for derivatization of intermediates of prostaglandins using benzoyl and p-nitrobenzoyl groups and its conversion in to prostaglandin analogs. The present invention also provides a pharmaceutical composition using the prostaglandins and prostaglandin analogs of the present invention.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2010

(21) Application No.2162/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROBES AND PRIMERS FOR DETECTION OF DENGUE

(51) International classification	:C12Q	(71) Name of Applicant :
(31) Priority Document No	:NA	1)BIGTEC PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :2nd Floor SID Entrepreneurship
(33) Name of priority country	:NA	Building Indian Institute of Science [IISc] Campus
(86) International Application No	:NA	Malleshwaram Bangalore-560 012 Karnataka India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)JAGANNATH MANJULA
(61) Patent of Addition to Application Number	:NA	2)MULAKKAPURATH NARAYANNAN MANOJ
Filing Date	:NA	3)BHASKARAN CHANDRASEKHAR NAIR
(62) Divisional to Application Number	:NA	4)PILLARISETTI VENKATA SUBBARAO
Filing Date	:NA	

(57) Abstract :

The present disclosure gives description of a method used for the detection and quantification of dengue infection caused by dengue virus using nucleic acids isolated from blood, plasma or serum samples by employing Oligonucleotide probes. The method employed here for detection is by Real time PCR. The instant disclosure also provides for primers, probes, PCR Reaction mixture and kit thereof.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/08/2010

(21) Application No.2265/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CONTROL SYSTEM FOR THERMOELECTRIC DEVICES

(51) International classification	:H01L
(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)KRIPYA ENGINEERING PRIVATE LIMITED

Address of Applicant :3rd floor Romar House 15/9
Jagannathan Road Nungambakkam Chennai Tamil Nadu -
600034 INDIA

(72)**Name of Inventor :**

1)ANANTHA KRISHNAN RAMA RAO

(57) Abstract :

A system and method to control a thermoelectric device using a microcontroller is provided. The system and method include a temperature sensor operatively coupled to a microcontroller that has a central processing unit, at least one memory device, and a module 5 for generating at least one pulse width modulation signal. The at least one pulse width modulation signal generated by the microcontroller has ON□ and OFF□ states to drive the thermoelectric device.

No. of Pages : 51 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/08/2010

(21) Application No.2310/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : IN-VEHICLE NETWORKING BASED SERVICES

(51) International classification	:H04W, H04L	(71) Name of Applicant : 1)VIT UNIVERSITY Address of Applicant :Vellore 632014 Tamil Nadu India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)GANESAN K
(33) Name of priority country	:NA	2)SRI LAVANYA PALETI
(86) International Application No Filing Date	:NA :NA	3)SRISUDHA G
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In accordance with embodiments of the present disclosure, a process for providing in-vehicle networking services is presented. The process may be implemented to establish a first network between a sub-management server (SMS) and a main server, wherein the SMS utilizes a first networking mechanism to communicate with the main server. The process may establish a second ad-hoc network between the SMS and a plurality of mobile devices, wherein each of the plurality of mobile devices utilizes a second networking mechanism to communicate with the SMS. The process may further transmit a first network message from the SMS to the main server, upon receiving by the SMS the first networking message from one of the plurality of mobile devices.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/08/2010

(21) Application No.2372/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AUTOMATIC PROCESSING OF BANK DRAFT

(51) International classification	:G06Q	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Newgen Software Technologies Limited
(32) Priority Date	:NA	Address of Applicant :Brooklyn Business Centre 5th Floor
(33) Name of priority country	:NA	East Wing 103-105 Periyar EVR Road Chennai 600084 Tamil
(86) International Application No	:NA	Nadu India.
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)Pramod Kumar
(61) Patent of Addition to Application Number	:NA	2)Lal Chandra
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the present disclosure refer to automatic processing of bank draft at an electronic banking facility such as an ATM and a bank kiosk. An embodiment of the present disclosure illustrates a system for automatic processing of bank drafts at an automated electronic banking facility comprising at least one transaction unit, an authentication unit operatively coupled to the transaction unit, authority database operatively coupled to the authentication unit and a printing device operatively coupled to the transaction unit and the authority database.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/08/2010

(21) Application No.2373/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NOVEL POLYMORPH OF LACOSAMIDE

(51) International classification	:A61K31/00	(71) Name of Applicant : 1)Dr. Reddy™s Laboratories Limited Address of Applicant :7-1-27 Ameerpet Hyderabad Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	2)Dr. Reddy™s Laboratories Inc
Filing Date	:NA	
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PEDDIREDDY SUBBAREDDY
Filing Date	:NA	2)KAMBHAMPAKI ANIL KUMAR
(62) Divisional to Application Number	:NA	3)RASHMI AGRAWAL
Filing Date	:NA	

(57) Abstract :

The present invention relates to crystalline Form A of lacosamide, its process and pharmaceutical compositions comprising the crystalline Form A of lacosamide.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/08/2010

(21) Application No.2286/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MANAGING INSERTION OF ADVERTISEMENTS

(51) International classification	:H04N, G06Q
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)Rajendra Kumar Khare

Address of Applicant :# 1295 1st Cross 1st Main HAL 3rd Stage Indiranagar Bangalore-560075 Karnataka India

(72)Name of Inventor :

1)Rajendra Kumar Khare

(57) Abstract :

A system and method for managing insertion of advertisements. The method includes receiving information associated with commercial breaks on a television or radio channel. Information associated with advertisements is acquired. The advertisements include one of regional advertisements and national advertisements. The method also includes determining the advertisements to be aired during the commercial breaks based on the information acquired and scheduling playing of the advertisements during commercial breaks. The system includes a user interface for providing information associated with commercial breaks and advertisements. The system also includes a media server for managing insertion of the advertisements. Further, the system includes one or more edge devices for fetching of the advertisements based on a schedule and inserting the advertisements for playing on the television or radio channel.

No. of Pages : 27 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/08/2010

(21) Application No.2287/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR TRACKING OF ADVERTISEMENTS

(51) International classification	:H04N, G06Q
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)Rajendra Kumar Khare

Address of Applicant :# 1295 1st Cross 1st Main HAL 3rd Stage Indiranagar Bangalore-560075 Karnataka India

(72)Name of Inventor :

1)Rajendra Kumar Khare

(57) Abstract :

A system and method for tracking of advertisements. The system includes a user interface for accessing information associated with commercial breaks and advertisements. The system also includes one or more edge devices for recording advertisements aired during commercial breaks on a television or radio channel. Further, the system includes a media server. The media server includes a memory, and a processor for storing recorded advertisements along with a stamp of region, channel, program and time of insertion associated with the advertisements in a repository of a media server, and providing access to the recorded advertisements for the advertisers. The method includes recording advertisements aired during commercial breaks on the television or the radio channel, storing recorded advertisements along with a stamp of region, channel, program and time of insertion associated with the advertisements in a repository of a media server, and providing access to the recorded advertisements for the advertisers.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/08/2010

(21) Application No.2288/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A WEARABLE BAG

(51) International classification	:A41D	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SHANMUKHAPPA KUBERAPPA MUTTAGI
(32) Priority Date	:NA	Address of Applicant :#2917, 14TH MAIN R.P.C.LAYOUT,
(33) Name of priority country	:NA	VIJAYANAGAR IIND STAGE, BANGALORE - 40 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)SHANMUKHAPPA KUBERAPPA MUTTAGI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a wearable bag. The wearable includes a front portion configured for housing a plurality of pockets, a back portion configured for housing a plurality of pockets. The front portion and the back portion are adapted for getting releasably locked to form a wearable garment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/08/2010

(21) Application No.2300/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ANTI-INFLAMMATORY AND ANALGESIC ACTIVITIES OF A NON-ULCEROGENIC NOVEL SYNTHETIC MOLECULE: 2- (4,6-DIHYDROXY-2-MERCAPTOPYRIMIDIN-5-YL)-2-HYDROXY-1H-INDENE-1 3(2H)-DIONE (DMPI)

(51) International classification	:C07D	(71) Name of Applicant : 1)MANIPAL UNIVERSITY Address of Applicant :MANIPAL - 576 104 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)M.K. UNNIKRISHNAN 2)GEETHA MATHEW 3)K. VIJAYA BHASKAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

According to this invention, there is provided a novel easily synthesizable organic molecule 2-(4, 6-dihydroxy-2-mercaptopyriniidin-5-yl)-2-hydroxy-1H-indene-1, 3(2H)-Dione (DMPI), having molecular weight 310g/mol, meting point 360.43±2°C, UV spectra at 356.5, 260.5nm and a direct one step synthetic process thereof comprising, dissolving thiobarbiturin acid, 4.0 m moles in 10ml of 31.5 v/v acetic acid at 55 to 60°C, adding Ninhydrine 4.0 m moles to the solution alongiwt 10 ml more acetic acid and 1 ml of concentrated sulphuric acid, stirring at 50-55°C for 3 hours till a black coloured solid product separates, filtering, washing with water and methanol followed by recrystallization in acetone.

No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/08/2010

(21) Application No.2398/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MULTI-PROCESSOR ELECTRONIC SYSTEMS

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

(71)Name of Applicant :

1)INEDA INTEGRATED SYSTEMS PVT.LTD

Address of Applicant :#8-2-120/115/C, SUDHA ENCLAVE,
ROAD NO.2, BANJARA HILLS, HYDERABAD 500 034

Andhra Pradesh India

(72)Name of Inventor :

1)BALAJI KANIGICHERLA

2)SIVA RAGHU RAM VOLETI

3)KRISHNA MOHAN TANDABOINA

4)DHANUMJAI PASUMARTHY

(57) Abstract :

Disclosed herein is a system having a multi-processor configuration for electronics devices and systems, such as, computing and communication devices like laptop, notebook, tablets, smart phones, etc. In accordance with one embodiment of the subject matter the system comprises a plurality of processors and a multi protocol multi-root input output virtualization (MPMRIOV) switch communicatively coupled to at least one of the plurality of processors. The system further includes a peripheral and interface virtualization unit (PIVU) coupled to the MPMRIOV switch. In said embodiment, the PIVU is configured to communicatively couple at least one of the plurality of processors with at least one of a Peripheral Component Interconnect (PCI) compliant peripheral, a Peripheal Component Interconnect express (PCIe) compliant peripheral, a non PCI compliant peripheral, and a non PCIe compliant peripheral.

No. of Pages : 43 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/08/2010

(21) Application No.2319/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR COMPUTING A VARIABLE FUEL PRICE BASED ON EXHAUST GAS EMISSIONS OF A VEHICLE

(51) International classification	:G06Q, F01N	(71) Name of Applicant : 1)LOGICA PRIVATE LIMITED Address of Applicant :Divyasree Technopolis 124-125 Yemlur Main Road Yemlur P.O. Off Airport Road Bangalore 560037 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)PADMALAYAM NARAYANA KURUP AJITH KUMAR 2)SHANMUGASUNDARAM MURUGESAN 3)GURBRINDER SINGH BINDRA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention provides a system and method of computing a variable fuel price based on exhaust gas emission of a vehicle. In one embodiment, a system includes an onboard unit fitted in a vehicle for measuring amount of exhaust gas emissions by the vehicle and a remote server communicatively connected to the onboard unit for computing a discount or surcharge on a base fuel price based on the amount of exhaust gas emissions by the vehicle. The system also includes a fuel station communicatively coupled to the remote server for filling fuel in a fuel tank of the vehicle at the discounted or surcharge fuel price.

No. of Pages : 20 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/08/2010

(21) Application No.2348/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LIPOSOMAL ENCAPSULATION OF RHBNP FOR IMPROVING ITS THERAPEUTIC EFFICIENCY□

(51) International classification	:C07K14/00	(71) Name of Applicant : 1)VIRCHOW BIOTECH PRIVATE LIMITED Address of Applicant :Plot No 4 S.V.Co-op Indl Est. IDA Jeedimetla Hyderabad -500 055 Andhra Pradesh 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)ARBINDA CHAUDHURI
(87) International Publication No	: NA	2)MAREPALLY SRUJAN KUMAR
(61) Patent of Addition to Application Number	:NA	3)Murali Tummuru
Filing Date	:NA	4)D. Radha Madhavi
(62) Divisional to Application Number	:NA	5)Hemanth Nandigala
Filing Date	:NA	

(57) Abstract :

A liposomal formulation for the treatment of cardiovascular diseases, said formulation comprising: lipid moiety; and biologically active recombinant human brain natriuretic peptide (rhBNP).

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/08/2010

(21) Application No.2378/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : GASTRIC RESISTANT PHARMACEUTICAL OR NUTRACEUTICAL FORMULATION
COMPRISING ONE OR MORE SALTS OF ALGINIC ACID

(51) International classification	:A61K9/00	(71) Name of Applicant : 1)EVONIK ROHM GMBH Address of Applicant :KIRSCHENALLEE, 64293 DARMSTADT Germany
(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)PETEREIT, HANS-ULRICH
(87) International Publication No	: NA	2)SHRADDAH ASHOK BODINGE
(61) Patent of Addition to Application Number	:NA	3)HEMANT KARBHARI PAGAR
Filing Date	:NA	4)SEEMA YASHWANT GAWDE
(62) Divisional to Application Number	:NA	5)PRIYANKA BANSILAL HAKSAR
Filing Date	:NA	

(57) Abstract :

The invention relates to a gastric resistant pharmaceutical or nutraceutical composition, comprising a core, comprising a pharmaceutical or nutraceutical active ingredient and a gastric resistant coating layer onto the core, wherein the release of the pharmaceutical or nutraceutical active ingredient is not more than 15 % under in vitro conditions at pH 1.2 for 2 hours in a buffered medium according to USP with and without the addition of 40 % (v/v) ethanol, wherein the gastric resistant coating layer comprises 50 to 100 % by weight of one or more salts of alginic acid with a viscosity of 30 to 720 cP of a 1 % aqueous solution (weight /weight) and where the polymer dry weight gain of the coating layer is at least 4 mg/cm².

No. of Pages : 59 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/08/2010

(21) Application No.2403/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : VACUUM CONTAINER HAVING AIR RELEASE VALVE COVER

(51) International classification	:B65D	(71) Name of Applicant : 1)TARLOW, JORDAN, S Address of Applicant :600 COURTLAND ST.,VENICE ,CA 90291 U.S.A.
(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)TARLOW, JORDAN, S
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 :

A cover for a container fits with a sliding air tight fit over the container body. A cover air release valve allows escape of air from the container when removing and installing the cover to create a vacuum seal fit. A handle positioned adjacent to the air release valve enables a user to remove and install the cover with a single hand gripping the handle and pressing the air release valve. Protrusions extending from opposite sides of the container sleeve engage mating L-shaped openings in a bottom edge of the cover to lock the cover in place. Special dual sided cradles engage a top of a vacuum sealed container below each cradle and a bottom of a vacuum sealed container above each cradle so that a series of cradles are used to vertically stacked a number of vacuum sealed containers.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2403/CHE/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COMPOSITION AND METHOD FOR SUBMERGED CULTURING OF EDIBLE MUSHROOM

(51) International classification	:A61K
(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

(57) Abstract :

The invention provides a culture medium composition and method for submerged culturing of mushroom. The mushroom is an edible mushroom, which in one embodiment is of the genus Calocybe. The culture medium composition comprises carbon source, nitrogen source, metal cations, trace metals, suitable anions associated with the metal cations. The method comprises preparing a mycelium from a spawn of the mushroom grown on a substrate, inoculating a growth medium with the mycelium to provide a inoculated growth medium, incubating the inoculated growth medium to provide a seed culture, and incubating the seed culture in a culture medium composition to provide the biomass of edible mushroom. By processing the culture medium and biomass either separately or in combination, industrially important compounds like amino acids, secondary metabolites, polysaccharides, etc. can be extracted and used for various purposes.

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

(71)Name of Applicant :

1)ACHARYA INSTITUTE OF TECHNOLOGY

Address of Applicant :HESSARAGHATTA ROAD
SOLDEVANAHALLI BANGALORE Uttar Pradesh India

(72)Name of Inventor :

1)K. Sumangala Bhat

2)Satish K

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/08/2010

(21) Application No.2354/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : EQUIPMENT TO DISINFECT DRINKING WATER (USING SILVER-IONIZATION PROCESS)

(51) International classification	:C02F1/00	(71) Name of Applicant : 1)P.SENTHILNATHAN Address of Applicant :M/S.SRE SENTHIL ENGINEERING COMPANY, A-12, COIMBATORE (P) INDUSTRIAL ESTATE, COIMBATORE - 641 021 Tamil Nadu India
(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	

(57) Abstract :

This invention consists of electrodes, electrode chamber and control panel. When the water is passed through our equipment, a calculated quantity of direct current flows through the electrodes and dissipates positively charged silver ions. These silver ions kill the harmful pathogens in water and thus disinfect water. The equipment introduced in this invention for constant current power source, where by it would work the same in Hot and Cold Temperature and in Low and High TDS of water (TDS - Total Dissolved Solids). This method can be used in different models to suit from domestic use to Municipal water supply.

No. of Pages : 10 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/08/2010

(21) Application No.2356/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION OF REFORMULATED TURMERIC EXTRACT AND A METHOD THEREOF

(51) International classification	:A61K36/00	(71) Name of Applicant : 1)ANTONY Benny Address of Applicant :Arjuna Natural Extracts Ltd. P.B. No.126 Bank Road Aluva - 683 101 . Kerala 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 1)ANTONY Benny
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 :

A reformulated turmeric extract having a 1:1 ratio of ethanol extract concentrate of oleoresin. and, ethanol extract concentrate of essential oil. The ethanol extract concentrate of oleoresin comprises curcumin, demethoxycurcumin and bisdemethoxycurcumin. The ethanol extract concentrate of essential oil comprises essential oil of turmeric having of Ar-turmerone. A method of preparing a reformulated turmeric extract having a 1:1 ratio of ethanol extract concentrate of oleoresin, and, ethanol extract concentrate of essential oil.

No. of Pages : 57 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/08/2010

(21) Application No.2383/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PREPARATION OF PALIPERIDONE PALMITATE

(51) International classification

:C07D

(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)Dr. Reddy™s Laboratories Limited

Address of Applicant :Dr. Reddy™s Laboratories Limited 7-1-27 Ameerpet Hyderabad Andhra Pradesh India

2)Dr. Reddy™s Laboratories Inc

(72)Name of Inventor :

1)Jaydeep Kumar Dahyabhai Lilakar

2)Kikkuru Srirami Reddy

3)Sunil Kumar Allam

4)Manoj Kumar Dubey

5)Kunti Hima Bindu

6)Ande Madhuri

7)Neti Srinivasan

(57) Abstract :

The present invention relate to a process for preparing paliperidone palmitate, a process for purifying paliperidone palmitate and a process for purifying palmitic acid thereof.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/08/2010

(21) Application No.2411/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A METHOD FOR PASSIVATING SEMICONDUCTOR-METAL INTERFACE

(51) International classification

:H01L

(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)INDIAN INSTITUTE OF SCIENCE

Address of Applicant :Bangalore 560 012 Karnataka India

(72)Name of Inventor :

1)NAVAKANTA BHAT

2)KUNCHINADKA NARAYANA BHAT

3)ARUN VILANGUPPAM THATHACHARY

(57) Abstract :

The disclosure is related to semiconductor processing and specifically the disclosure relates to semiconductor-metal interfaces modification with sulfur for improving interface/contact properties.

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.2448/CHE/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM AND METHOD OF CONTEXT AWARE ADAPTION OF CONTENT FOR A MOBILE DEVICE

(51) International classification

:G06F17/00

(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 :

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Address of Applicant :IP CELL, PLOT NO.44,
ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
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(72)Name of Inventor :

1)PUNEET GUPTA

2)VENKAT KUMAR SIVARAMAMURTHY

3)KARTHIK GOPALAKRISHNAN VINMANI

4)ROBIN PAHWA

5)AKSHAY DARBARI

(57) Abstract :

The invention relates to a system and method of context aware adaption of content for a mobile device. This involves identifying context parameters and associated values, selection of content layout based on context parameters. Content layout is selected from pre-configured content layouts based on context parameters. The content is retrieved from a content store. Content style is selected from pre-configured content styles based on context parameters. Rendering content on the device display based on the selected content layout, content style and at least one context parameter.

No. of Pages : 21 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2010

(21) Application No.2474/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PREPARATION OF CAPECITABINE

(51) International classification	:C07H	(71) Name of Applicant : 1)Dr. Reddy™s Laboratories Limited Address of Applicant :Dr. Reddy™s Laboratories Limited 7-1-27 Ameerpet Hyderabad Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	2)Dr. Reddy™s Laboratories Inc.
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)Sandeep Mohanty 2)Rabin Bera 3)More Balasheb Murlidhar 4)Thota Nageswara Rao 5)Kedar Kishore Nerurkar 6)Debasish Mitra 7)Babu Prasad Raja Rao
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present application relates to processes for preparing 1,2,3-tri-0-acetyl-5-deoxy-D-ribofuranose and process for preparing capecitabine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/08/2010

(21) Application No.2475/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PHARMACEUTICAL FORMULATIONS COMPRISING SUBSTITUTED BENZIMIDAZOLE DERIVATIVES

(51) International classification	:A61K9/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Dr Reddy™s Laboratories Limited
(32) Priority Date	:NA	Address of Applicant :7-1-27 Ameerpet Hyderabad Andhra Pradesh India
(33) Name of priority country	:NA	2)Dr.Reddy™s Laboratories Inc.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Navin Vaya
(87) International Publication No	: NA	2)Mamta Mishra
(61) Patent of Addition to Application Number	:NA	3)Atul Shivaji Shinde
Filing Date	:NA	4)Harshal Prabhakar Bhagwatwar
(62) Divisional to Application Number	:NA	5)Debashis Dash
Filing Date	:NA	6)Deepti Jain
		7)Gawande Rahul Sudhakar
		8)Vishal Lad
		9)Sushant Dubey
		10)Irukulla Srinivas
		11)Vobalaboina Venkateswarlu
		12)Ramalingam Manikandan

(57) Abstract :

Stabilized substituted benzimidazole modified release pharmaceutical formulations with at least two drug-containing fractions, wherein the release from a first fraction precedes the release from a second fraction, pharmaceutical excipients, processes for preparing the stable formulations, packaging therefor, and their use in treatment of erosive esophagitis and heartburn associated with non-erosive gastroesophageal reflux disease.

No. of Pages : 85 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2010

(21) Application No.2458/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF RUFINAMIDE

(51) International classification

:C07D

(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)DR. DAVULURI RAMAMOHAN RAO

Address of Applicant :NEULAND LABORATORIES
LIMITED, 204, II FLOOR, MERIDIAN PLAZA, 6-3-853/1,
AMEERPET, HYDERABAD-500 016 Andhra Pradesh India

(72)Name of Inventor :

1)PONNAIAH RAVI

2)DEHURY SANJAY KUMAR

3)K. SELVARAJU

4)VPSS DEEPTHI

5)S. DHANUNJAYA NAIDU

(57) Abstract :

The invention relates to a novel, industrially viable, cost effective process for the preparation of 1-(2,6-difluorobenzyl)-1 H-1,2,3-triazole-4-carboxaniide commonly known as Rufinamide and intermediates thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2010

(21) Application No.2468/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DETERMINING SPECTRAL SAMPLES OF A FINITE LENGTH SEQUENCE AT NON-UNIFORMLY SPACED FREQUENCIES

(51) International classification	:G06F	(71) Name of Applicant : 1)INDIAN INSTITUTE OF SCIENCE Address of Applicant :BANGALORE - 560012 KARNATAKA 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 : 1)SATYA SUDHAKAR YEDLAPALLI 2)KUCHIBHOTLA VENKATA SUBRAHMANYA HARI
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 :

Techniques disclosed herein are generally related to methods and devices for determining spectral samples for a finite length sequence. Some example methods include, for each time-indexed sample in a data sample sequence comprising a plurality of samples, generating a sample-specific phase value set associated with a respective time index of the sample and a set of predetermined frequencies. Some examples further include, mapping each sample-specific phase value set to a corresponding samplespecific iso-phasor set and calculating an altered iso-phasor set. Some examples include generating a rotated sample value set by unmapping the altered iso-phasor set to obtain real and imaginary components of the sample rotated by the corresponding samplespecific phase value set. Some addition examples include summing selected rotated sample values from each of the sets of rotated sample values to create a spectral sample vector having a spectral sample of the sequence and outputting the spectral sample vector.

No. of Pages : 63 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2010

(21) Application No.2469/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A PURIFICATION PROCESS FOR PREPARING HIGHLY PURE ARFORMOTEROL TARTRATE SUBSTANTIALLY FREE OF DESFORMYL IMPURITY

(51) International classification	:C07C	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ACTAVIS GROUP PTC EHF
(32) Priority Date	:NA	Address of Applicant :REYKJAVIKURVEGI 76-78, 220, HAFNARFJOROUR Ice Land
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No Filing Date	:NA	1)ANANT KISHANRAO JAGTAP
(87) International Publication No	: NA	2)NANDKUMAR GAIKWAD
(61) Patent of Addition to Application Number Filing Date	:NA	3)NIKHIL TRIVEDI
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Provided herein is a highly pure arformoterol tartrate or an amorphous form thereof substantially free of desformyl impurity, 2-hydroxy-5-[[(R)-l-hydroxy-2-[[[(R)-2-(4-methoxyphenyl)-l-methylethyl]amino]ethyl]aniline, process for the preparation thereof, and pharmaceutical compositions comprising the highly pure arformoterol tartrate substantially free of the desformyl impurity.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/08/2010

(21) Application No.2497/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR UNINTERRUPTED MULTICASTING MULTIMEDIA CONTENT USING SATELLITE NETWORK

(51) International classification	:H04L, H04B	(71) Name of Applicant : 1)DEVAS MULTIMEDIA PRIVATE LIMITED Address of Applicant :102, EDEN PARK, 20 VITTA MALLYA ROAD, BANGALORE - 560 001. Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)M G CHANDRASEKHAR 2)RAMACHANDRAN VISWANATHAN 3)D VENUGOPAL 4)GEORGE RONALD OLEXA 5)KARI LEHTINEN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Method and Apparatus for uninterrupted multicasting multimedia content using satellite network. This invention relates to satellite networks, and more particularly to multicasting of content over satellite networks. The principal object of this invention is to provide an interruption free multicasting and distribution of multimedia content via a satellite link. This system has a back up of a low end terrestrial link connected via a suitable means.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/08/2010

(21) Application No.2498/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PORTABLE CHILLER UNIT

(51) International classification	:F25D	(71) Name of Applicant :
(31) Priority Document No	:NA	1)HARIDAS M.
(32) Priority Date	:NA	Address of Applicant :C/O P. MUNISWAMY NAIDU, #24,
(33) Name of priority country	:NA	2ND MAIN, 1ST CROSS, CHOLURPALYA, MAGADI ROAD,
(86) International Application No	:NA	BANGALORE - 560 023. Karnataka India
Filing Date	:NA	2)RAVI G.
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)HARIDAS M.
Filing Date	:NA	2)RAVI G.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A chiller unit for preserving substances at a desired temperature is provided which comprises a cooler compartment for storing the substances at a desired temperature. The chiller unit also comprises a door attached to the chiller unit to reflect heat from entering the cooler compartment. The chiller unit also comprises a cool pad placed in a slot adjacent to the cooler compartment. The cool pad can either be removed or fitted independently in and from the slot. The cool pad is doped with water and refrigerant to acquire chillness independently from any external cooling source such as a freezer or a refrigerator which would be present outside the chiller unit. Once the cool pad acquires sufficient chillness, the cool pad can be placed in the slot such that the cool pad can discharge the chillness it acquired from the external source, inside the cooler compartment independently from any external cooling agent or electricity. The door can be opened to access the cooler compartment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/08/2010

(21) Application No.2439/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN APPARATUS TO CRYSTALLIZE ORGANIC COMPOUNDS AND METHOD THEREOF

(51) International classification	:B01D	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF SCIENCE
(32) Priority Date	:NA	Address of Applicant :BANGALORE 560 012
(33) Name of priority country	:NA	KARNATAKA India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)TAYUR NARASINGARAO GURU ROW
(87) International Publication No	: NA	2)SUDARSHAN MAHAPATRA
(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 provides an apparatus to crystallize organic compounds based on vaporization and condensation by a gradient cooling technique. The said apparatus comprising, a sample holder (7) to hold the sample of the organic compound. Further, the apparatus includes a quartz furnace (1) to maintain a constant temperature around the sample holder (7). A coaxial glass tubes constructed with an inner tubes (6a) and an outer tubes (6b) to pass vapors of the organic compound through the inner tubes (6a). The apparatus also includes, an oil pump (4) dipped in an oil bath (5), to pump the oil around the inner tubes (6a), to crystallize the organic compound in the inner tubes (6a).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2010

(21) Application No.2453/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS AND METHODS FOR A PHARMACEUTICALLY STABLE AND VIABLE FORMULATION OF IBUPROFEN IN SOFT GELATIN, HARD GELATIN AND HYDROXY PROPYL METHYL CELLULOSE CAPSULES

(51) International classification	:A61K9/00	(71) Name of Applicant : 1)Ramachandran Radhakrishnan Address of Applicant :Avigna Chemitech Pvt Ltd 456 A&B Industrial Area Jigani Bangalore. Karnataka 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)Ramachandran Radhakrishnan
(87) International Publication No	: NA	2)Shaji Paulose
(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 is about delivering a higher quantity of Ibuprofen in free acid form in both Hard Shell Capsules (Gelatin and Hydroxy Propyl Methyl Cellulose based) and Soft Shell Gelatin Capsules in the liquid form without compromising its chemical nature by utilizing a limited and finite quantity of a novel solubilizer that is compatible with both Hard and Soft Shell Gelatine Capsules. Our invention is a pharmaceutically and therapeutically acceptable composition which is a stable, clear, transparent liquid which can be filled into both Hard and Soft Shell Gelatin Capsules. The effectiveness of the solubilizer is such that 800mg of Ibuprofen free acid can be delivered in liquid form in a single Soft Shell Gelatin Capsule and 750mg of Ibuprofen can be delivered in a single Hard Shell Gelatine Capsule.

No. of Pages : 29 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2010

(21) Application No.2472/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF HALO-DIALKOXYBENZENES

(51) International classification	:C07C
(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)HIKAL LIMITED

Address of Applicant :NO.32/1, KALENA AGRAHARA,
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India

(72)Name of Inventor :

1)SHENDAGE, DEEPAK MANIK

2)PHADTARE, GANESH RAMKRUSHAN

3)GANGOPADHYAY, ASHOK KUMAR

(57) Abstract :

The present invention describes a process for the preparation of 1,2-dialkoxy-3-fluorobenzene compounds of formula I Picture I wherein: R3 and R4 are each independently a linear or a branched C1-C20 alkyl, a C3-C8 cycloalkyl, a C7-C15 alkylaryl or a C4-C7 cycloalkyl alkyl; said process comprising: halogenating 2-fluoro phenol at 6-position with a halogenating agent to obtain 2-fluoro-6-halophenol, wherein said halogenating agent is not a fluorinating agent; alkylating 2-fluoro-6-halophenol with an alkylating agent in presence of a base to obtain 1-alkoxy-2-fluoro-6-halobenzene; reacting said 1-alkoxy-2-fluoro-6-halobenzene with magnesium metal and iodine in presence of a suitable solvent and further treating with a boronating reagent to obtain boronate esters; optionally hydrolyzing said boronate esters in presence of an acid to obtain boronic acids; oxidizing said boronate ester or said boronic acids to obtain 1-alkoxy-2-fluoro-6-hydroxy benzene; and alkylating said, 1-alkoxy-2-fluoro-6-hydroxy benzene with an alkylating agent to obtain 1,2-dialkoxy-3-fluorobenzene.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2010

(21) Application No.2506/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : STABLE FORMULATION OF A THERAPEUTIC ANTIBODY

(51) International classification	:A61K9/00	(71) Name of Applicant : 1)Dr. Reddy™s Laboratories Limited Address of Applicant :Dr. Reddy™s Laboratories Limited 7-1-27 Ameerpet Hyderabad Andhra Pradesh 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)Arthanari Vivek
(87) International Publication No	: NA	2)Tamal Raha
(61) Patent of Addition to Application Number	:NA	3)Sampath Srisailam
Filing Date	:NA	4)Shankar Gouda
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention describes a stable therapeutically effective aqueous formulation of an anti B cell therapeutic antibody. This aqueous formulation can be lyophilized, and further reconstituted into a stable therapeutically active/effective aqueous form, which can be used for treating individuals needing the same.

No. of Pages : 25 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/08/2010

(21) Application No.2489/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DIRECT DIGITAL SYNTHESIS OF SIGNALS USING TAYLOR SERIES EXPANSION

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

(71)**Name of Applicant :**

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Address of Applicant :Gnanagangothri Campus New
BELRoad MSR Nagar Bangalore Karnataka 560054 India

(72)**Name of Inventor :**

1)DIPAYAN MAZUMDAR

2)GOVIND RANGASWAMY KADAMBI

(57) Abstract :

A method and apparatus for direct digital synthesis (DDS) of signals using Taylor series expansion is provided. The DDS may include a modified phase-to-amplitude converter that includes read-only-memories (ROMs), registers and, a single adder. Values stored in the ROMs may produce one component of a sinusoid signal, and each of the ROMs may be of a different size, such as a coarse, intermediate, and fine ROM corresponding to respective higher resolution phase angles. The outputs of the ROMs when combined can form a digital output signal in the form of a Taylor series expansion of a sinusoid function.

No. of Pages : 60 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2010

(21) Application No.2504/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A LIGHT WEIGHT COMPACT PORTABLE FIRE EXTINGUISHING DEVICE

(51) International classification	:A62C	(71) Name of Applicant : 1)Mr.Johnson J.A. Address of Applicant :SHALOM□ No:26 4th Cross Sector-B Ramaiya Reddy Colony Basava Nagar Bangalore - 560037 Karnataka India
(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	

(57) Abstract :

The present invention is related to a light weight portable and compact fire extinguishing device, wherein the device is intended to provide gas-liquid jets, gas atomized mist, gas pressurized foam bubbles, and gas and powder jets, wherein the fire extinguishing device 101 comprises a pressure resistant fire extinguishing medium container 102 for holding the fire extinguishing medium 103, a siphon tube 104 with an in-built mixing chamber 105, a fire extinguisher gun 106 connected to the container 102 by the way of a flexible hose 107 meant for supplying the fire extinguishing medium 103 through the siphon tube 104 to the fire extinguishing gun 106, wherein the fire extinguishing medium 103 is expelled from the fire extinguishing gun 106 either continuously or in form of bursts. A method of using the fire extinguishing device 101 is also disclosed.

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2010

(21) Application No.2505/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : THERAPEUTIC USES OF MIRNAS/COMPOUNDS THAT ACTIVATE TUMOR SUPPRESSOR GENES/MIRNAS NETWORK

(51) International classification	:C12N, C12Q	(71) Name of Applicant : 1)DR.LAKSHMANANE BOOMINATHAN PH.D Address of Applicant :49, NATTAR MAIN STREET, MURUNGAPAKKAM, MODILARPET, PUDUCHERRY - 605 004. India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)DR.LAKSHMANANE BOOMINATHAN PH.D
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

This invention relates to identifying small molecule compounds that activate tumor suppressor genes/miRNAs. The tumor suppressor p53 homologues, TA-p73, and p63 have been shown to function as tumor suppressors. However, how they function as tumor suppressors remains elusive. Here, I propose a number of tumor suppressor pathways that illustrate how the TA-p73 and TA-p63 could function as negative regulators of invasion, metastasis, and cancer stem cells (CSCs) proliferation. Furthermore, I provide molecular insights into how TA-p73 and p63 could function as tumor suppressors. Remarkably, the guardiansp53, p73, and p63of the genome are in control of most of the known tumor suppressor miRNAs, tumor suppressor genes and metastasis suppressors by suppressing c-Myc through miR-145/let-7/miR-34/TRIM32/PTEN/FBXW7. In particular, p53 and TA-p73/p63 appear to up regulate the expression of (i) tumor suppressor miRNAs, such as let-7, miR-34, miR-15/16a, miR-145, miR-29, miR-26, miR-22, miR-30, and miR-146a; (ii) tumor suppressor genes, such as PTEN, RBs, CDKN1a/b/c, and CDKN2a/b/c/d; (iii) metastasis suppressors, such as RKIP, CycG2, and DEC2, and thereby they enlarge their tumor suppressor network to inhibit tumorigenesis, invasion, angiogenesis, migration, metastasis, and CSCs proliferation. Further, considering suppression of c-myc expression can increase the expression of tumor suppressor miRNAs/genes, one can conduct a genetic screen to identify compounds or small molecules that suppress the expression of c-myc and induce the expression of tumor suppressor genes/miRNAs. A stable cell line that expresses both c-myc and TA-p63/p73/TNK4a/b/c/d/CDKN1a/b)/c/ARF/RKIP/CDH1/PTEN/Agolto4/FBW7/RBs/CycG2/DEC2/DOK2/AML1/2/BRCA1/p38a/TSCI/MEK4/PPP2R2A/TSPI/BRMSI/E2FL2/TIMP3/CTGF/SMAD2/RRM2B/MXII/DMTF/CHD5/miR-15/16/let-7/miR-34/miR-145/miR-26/miR-29/miR-30/miR-23 promoters will be generated. This will be used to screen for compounds that simultaneously suppress c-myc and induce TA-p63/p73/rNK4a/b/c/d/CDKN1a/b/c/ARF/RKIP/CDH1/PTEN/Agolto4/FBW7/RBs/CycG2/DEC2/DOK2/AML1/2/BRCA1/p38a/TSCI/MEK4/PPP2R2A/TSPI/BRMSI/E2FL2/TIMP3/CT GF/SMAD2/RRM2B/MXII/DMTF/CHD5/miR-15/16/let-7/miR-34/miR-145/miR-200b/c/miR-26/miR-29/miR-30/miR-23/miR-22/miR 203/promoter activities. In conclusion, identifying small molecule compounds that simultaneously suppress oncogenes and activate tumor suppressor miRNAs/genes will aid cancer therapy.

No. of Pages : 40 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/08/2010

(21) Application No.2527/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NOTIFICATION OF CALL FORWARDING ATTEMPT

(51) International classification	:H04L, H04W
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)Alcatel Lucent

Address of Applicant :3 avenue Octave Grard 75007
Paris France.

(72)Name of Inventor :

1)Karthick Rajapandian

2)Muthusamy Muthiah

(57) Abstract :

Notification of Call Forwarding Attempt. The present invention relates to communication networks and, more particularly, to call forwarding in communication networks. An application server, in the IMS network, checks if the forward-to-number has activated the call forwarding feature and the application server sends a notification to the user indicating the user of the activation of the call forwarding feature by the forward-to-number. The user subscribes for the service of receiving the notification and the user receives the notification when the user actives the call forwarding feature and the forward-to-number has call forwarding feature activated already or attempts to forward his call™s at a later point of time.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/08/2010

(21) Application No.2541/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A SYSTEM TO PROFILE AND EXPOSE MOBILE SUBSCRIBER DATA WITHOUT COMPROMISING PRIVACY

(51) International classification	:H04M	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Alcatel Lucent
(32) Priority Date	:NA	Address of Applicant :3 avenue Octave Grard 75007 Paris
(33) Name of priority country	:NA	France
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KVM Naidu
(87) International Publication No	: NA	2)Dinesh Govindaraj
(61) Patent of Addition to Application Number	:NA	3)Animesh Nandi
Filing Date	:NA	4)Girija Narlikar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A platform architecture for profiling and exposing mobile subscriber data to third party application providers is disclosed. The present invention relates to telecommunication networks and, more particularly, to providing novel services to both third party application providers and mobile subscribers while preserving subscriber privacy. Existing platforms do not protect subscriber privacy and are not capable of profiling the right set of subscriber for a particular task. As a result most of the time applications are sent to all the subscribers irrespective of the skill, interests, spending patterns etc of the subscriber. The platform disclosed provides services to third party applications by profiling the right set of subscribers based on the requirement. The third party applications can be a part of the platform or run on the platform. The invention also makes use of an anonymized communicator while communicating subscriber data with third party applications protecting subscriber privacy.

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/08/2010

(21) Application No.2542/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CONTENT DELIVERY BASED ON DIRECTION OF MOBILITY

(51) International classification	:H04W
(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)Alcatel Lucent

Address of Applicant :3 avenue Octave Grard 75007 Paris
France

(72)Name of Inventor :

1)Krishna Adharapurapu

(57) Abstract :

A system capable of delivering content to a mobile device based on the direction of mobility of the device is disclosed. The system keeps track of the direction of travel of the mobile device through locations of predefined tracker base stations passed by the mobile device. Contents from content publishers and mobility history of the mobile device are stored. The contents are defined by a set of rules stored in the rules processor. The rules are based on locations of the tracker base stations and content publishers requirements. Based on the mobility history of a mobile device, contents available and rules processor, the system decides on content to be sent to the mobile device.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/07/2011

(21) Application No.2543/CHE/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ELECTRIC CURRENT GENERATOR USING WATER FROM WATER-BODIES

(51) International classification	:F03B	(71) Name of Applicant : 1)K. RAMAKRISHNAN Address of Applicant :POOVANAM(WEST), CHOKKANATHAPURAM -PO, PATTUKKOTTAI-TK, THANJAVUR DT - 614 803 Tamil Nadu India
(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	

(57) Abstract :

Electric current generator system according to this invention, uses water for generating electricity. The water contained in water bodies, such as ponds, tanks, lakes and the like, is pumped up to the top of a steel Tower having space for water storage, a rotating mechanism consisting of a rubber chain belt drive, water carrying buckets fixed to the belt drive (10 at each of the bottom and top of the belt drive) and a gear box with suitable, opposing gear wheels for increasing the speed of rotation of the belt drive. The stored water from the Tower is filled into each of the buckets at the top of the belt- drive. The buckets go down by their own weight and empty the water at the bottom of the Tower to be carried into a motor pump-set to generate electricity therefrom. The rotation of the belt-drive is automatically and continuously carried on by virtue of the filled buckets a®one and thus the gnration of electricity is uninterrupted and no fuel is used for obtaining the electricity.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2402/CHE/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DUAL OR MULTIPLE SIM STANDBY AND ACTIVE USING A SINGLE DIGITAL BASEBAND

(51) International classification	:H04W	(71) Name of Applicant :
(31) Priority Document No	:NA	1)NOKIA CORPORATION
(32) Priority Date	:NA	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:NA	Finland
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Daniel Ezekiel
(87) International Publication No	: NA	2)Srinath Ananthaswamy
(61) Patent of Addition to Application Number	:NA	3)John Jelonnek
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Attached

No. of Pages : 48 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/08/2010

(21) Application No.2418/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : EXTERNAL LOOPBACK DIAGNOSTIC TEST FOR ASYMMETRIC DIGITAL SUBSCRIBER LINE

(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 :

1)Alcatel Lucent

Address of Applicant :3 avenue Octave Grard 75007
Paris France.

(72)Name of Inventor :

1)Prakash Kumar

2)Sandeep Sharma

(57) Abstract :

External loopback diagnostic test for asymmetric digital subscriber line is disclosed. The present invention relates to performing loopback test and, more particularly, to loopback test in asymmetric digital subscriber line. Existing systems do not provide means to perform loopback tests on the ADSL interfaces. Thus, the ADSL interface behavior and connectivity aspects cannot be determined. For efficient functioning of the system it is necessary to determine the performance of the ADSL end-to-end connections. Disclosed method provides a mechanism to conduct loopback test on ADSL interfaces. The method employs a packet generation module in ADSL that generates PADI packets. At the PPPoE server, received PADI packets are responded to with PADO packets. The PADO packets are then sent to the ADSL module. The ADSL module computes packet loss and determines the speed in both directions that evaluates connectivity of ADSL end-to-end connections.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/08/2010

(21) Application No.2438/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A METHOD AND A DEVICE FOR INITIATING AN EVENT

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

(71)**Name of Applicant :**

1)LG Soft India Private Limited

Address of Applicant :Cherry Hills Embassy Golf Links
Business Park Bangalore 560 071 Karnataka India

(72)**Name of Inventor :**

1)SATYA PRAKASH

(57) Abstract :

Embodiments of the disclosure relate to a method for initiating an event using touch screen device. The method includes touching one of the plurality of contexts being displayed on the touch screen using an input means to display one or more variants of the touched context over predetermined-shaped icon around the touched context. The method also includes dragging the input means over the predetermined-shaped icon to select one of the displayed variants of the context. The method further includes releasing the input means over the selected variant to initiate the event. The system herein is a electronic visual display device that includes a processor responsible for initiating an event using touch-drag-release mechanism.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.2479/CHE/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR BUILDING BAYESIAN NETWORKS BY ENGINEERING THE COMPLEXITIES AND KNOWLEDGE

(51) International classification	:G06Q10/00	(71) Name of Applicant : 1)JANJANAM DURGAPRASAD Address of Applicant :C/O. SRINIVASA CHENNU, PLOT NO. 328, FLAT 301, MEHAR NIVAS, 6TH PHASE, NEAR CONGRESS OFFICE, KPHB COLONY, KUKKATPALLY, HYDERABAD - 500 072 Andhra Pradesh India
(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	

(57) Abstract :

In order to apply the Bayesian network to an actual decision making problem to be handled, it is important to build an appropriate model. The invention provides an approach for building a network structure of a Bayesian network. A method for building, based on fragmented source of knowledge from different domain-experts through collaboration, a network structure of a Bayesian network is provided by the invention. This is for making decisions in different real-world problems that are familiar or unfamiliar problems. The invention involves acquisition of knowledge, iteratively from fragmented source of domain experts. Moreover, it provides intelligent-feedback for suitable modification to the existing knowledge based on three stages, such as, (i) quantification of healthiness of knowledge, and (ii) consistency and completeness errors, and (iii) knowledge requirements to arrive at the overall interdependencies among all the parameters. This invention relates to new development of its kind and helpful for making decisions in applications of several fields.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2645/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : INFRARED SPECTROSCOPE

(51) International classification	:H01L
(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)DR.D.S.SARMA

Address of Applicant :H.NO.10-334, VASNTHAPURI COLONY, MALKAJGIRI, HYDERABAD-500 047 Andhra Pradesh India

(72)Name of Inventor :

1)DR.D.S.SARMA

(57) Abstract :

In this invention, light emitting diode (LED) is used to produce infrared spectrum. The LED is an optical diode, which emits light when forward biased. The energy released in the form of light depends on the energy corresponding to the forbidden gap. This determines the wavelength and colour of the emitted light. The wavelength also determines whether the light is visible or invisible (infrared). For normal Silicon diode, the forbidden energy gap is 1.1 ev (electron-volt) and the wavelength of emitted light energy corresponds to that of infrared light spectrum. In doping process, mixtures of the elements of gallium, arsenic and phosphorus are used in LEDs. Gallium arsenide LEDs emit invisible infrared spectrum due to the opto-coupler unit consisting of LED-LDR pair connected to a triangular wave function generator. The light dependent resistor (LDR) is a photo-conductive cell. Thus the same blinker circuit of the hydraulic oscilloscope (with patent pending status used for producing visible flashes at relatively higher output voltage of function generator) is capable of generating I.R. spectrum (at lower F.G. voltages), which can be captured on the oscilloscope screen. This invention serves the purpose of imparting basic education to the students of all branches of engineering.

No. of Pages : 6 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/08/2010

(21) Application No.2499/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD OF POSTING CONTENT TO A WEB SITE

(51) International classification	:G06F, G06K	(71) Name of Applicant : 1)HEWLETT-PACKARD DEVELOPMENT COMPANY L.P. Address of Applicant :11445 Compaq Center Drive West Houston TX 77070 U.S.A.
(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)Sitaram RAMACHANDRULA
(87) International Publication No	: NA	2)Anjaneyulu Seetha Rama KUCHIBHOTLA
(61) Patent of Addition to Application Number	:NA	3)Suryaprakash KOMPALLI
Filing Date	:NA	4)Shekhar Ramachandra BORGAONKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Presented is a method of posting content to a web site. A user input is obtained on a machine readable paper with a predefined template. Later, an electronic image of the machine readable paper is captured along with the user input. The electronic image of the machine readable paper is decoded to identify the predefined template and the predefined template is searched against a repository to find a web site corresponding to the predefined template of the machine readable paper. A web site based on user input is created or modified depending upon whether a web site corresponding to the predefined template of the machine readable paper is found.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2010

(21) Application No.2555/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LOW DISTORTION FILTERS

(51) International classification

:H03F

(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)SECRETARY, DEPARTMENT OF INFORMATION TECHNOLOGY (DIT)
Address of Applicant :MINISTRY OF COMMUNICATION AND INFORMATION TECHNOLOGY, GOVERNMENT OF INDIA, ELECTRONICS NIKETAN, 6, CGO COMPLEX, LODHI ROAD, NEW DELHI 110 003 India

2)INDIAN INSTITUTE OF TECHNOLOGY-MADRAS

(72)Name of Inventor :

1)YENDLURI SHANTHI PAVAN

2)SIVA VISWANATHAN THYAGARAJAN

(57) Abstract :

An integrated continuous-time active-RC filter comprises a set of opamp integrators with Operational Transconductance Amplifiers (OTAs). The filter further includes at least one assistant connected between the input and output of each of the integrators of the set to enhance the linearity and speed of the opamp integrators of the set. The assistant comprises a plurality of sets of transconductors connected in parallel to each other wherein each set of transconductors is formed by a pair of MOSFETs connected in series, with one MOSFET operating in the triode region and the other MOSFET operating in the saturation region. The assistant is configured to provide an assistant current to be injected into the source of each of the integrators in the set to enhance the linearity and speed of the opamp integrators of the set.

No. of Pages : 52 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2638/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SILKWORM PUPAE SOLAR DEHYDRATOR

(51) International classification

:D01B

(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)B.RAMA KUMAR
2)K.S.R. ANJANEYULU
3)P. SUJATHA
4)PRAKASH Y. NAIK
5)S.M. HUKKERI
6)SUBHAS V. NAIK**

(57) Abstract :

This invention relates to silkworm pupae solar dehydrator. In silk industry, every waste brings additional revenue and employment. This value addition may even do up to 10% to 25% in various post cocoon sectors with effective management and utilization of the waste. In the silk reeling sector silk waste and silkworm pupae are the main bye-products. Silkworm pupae are rich in B12 and D vitamins. Large quantity of pupae that accumulate in reeling process could be utilized better to produce value added bye-product through improved process. The oil that is extracted from dried pupae is very much used for soaps, animals biscuits etc.

No. of Pages : 22 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/09/2010

(21) Application No.2714/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A SOLAR OPERATED SPINNING MACHINE

(51) International classification

:F24J,

D01H

(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)CENTRAL SILK TECHNOLOGICAL RESEARCH INSTITUTE
Address of Applicant :CENTRAL SILK BOARD, B.T.M. LAYOUT, MADIVALA, BANGALURU-560 068. Karnataka India

(72)Name of Inventor :

1)UDAY CHANNABASAPPA JAVALI

2)SUBRATA ROY

3)RAVI KUMAR D

(57) Abstract :

This invention relates to a solar operated spinning machine comprising of traverse ring frame, bobbin, pedal, bobbin ring frame bearing, frame, solar battery, cycle rim with balanced weight, rim mounting bearing, pedal operated bearing, pedal operating link rod, machine base frame, motor and solar panel connected to each other and working in a combination as shown in .

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2009

(21) Application No.2730/CHE/2009 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MULTI PISTONS HYBRID -HYDRO- PNEUMATIC PUMP

(51) International classification	:F03B	(71) Name of Applicant : 1)THUMSWAMY JOSEPH DAVID Address of Applicant :INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY, GAHIBOWLI HYDERABAD - 500 032 Andhra Pradesh India
(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	

(57) Abstract :

Present invention, multi piston hybrid hydro-pneumatic pump, is to provide multi cylinder pump l13ž for hydro pneumatic work purpose, working with conventional and non -conventional energy. The objective of this invention is to provide energy efficient pump, it can be used for lifting water from wells and deep bore wells, or the same machine can also be used for compressing air, or for generating vacuums. The purpose of this pump is to provide energy efficient technology, for conventional and non-conventional applications, such as running it with solar energy, operating with drought animal power, as well as using human energy.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/09/2010

(21) Application No.2614/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : GSM BASED FAILURE FEEDBACK SYSTEM FOR LED LIGHTING

(51) International classification

:F21V,
H04W

(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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Address of Applicant :93/A 4th B Cross 5th Block
Koramangala Industrial Area Bangalore 560095 Karnataka
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(72)Name of Inventor :

1)APOORVA RUPAREL

2)AKSHAY D.R

(57) Abstract :

The present disclosure provides system to detect a failure in a lighting fixture and a method thereof. The system monitors degradation in performance, failure and notification of the same to a service engineer for replacement or repair. The system estimates the kind of fault based on the various measured parameters. The lighting fixture also houses backup batters to make sure the system runs reliably. On detection of a particular fault the system shall send an SMS through a GSM module about the fault in the lighting fixtures. The SMS shall contain the information of the kind of fault and the location where the lighting fixture is placed.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/10/2010

(21) Application No.2634/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A METHOD OF DETERMINING LOCATION OF A RFID TAG IN A CONFINED AREA AND SYSTEM THEREOF

(51) International classification	:G06K
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)VIGNANI SOLUTIONS PVT. LTD.

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Koramangala Industrial Area Bangalore 560095 Karnataka
India

(72)**Name of Inventor :**

1)APOORVA RUPAREL

2)AKSHAY DAVASAM RAMAKRISHNA

(57) Abstract :

Embodiments herein provide method and system for determining location of RFID tag in a confined area. The confined area is configured with plurality of lighting panels wherein each lighting panel is equipped with RFID reader. The location information of each of the lighting panel is provided to central server. The RFID reader identifies plurality of RFIDs present in the vicinity of the lighting panels. The identified RFIDs are stored in look up table of a microcontroller, which is associated with each of the lighting panel. A particular RFID is sent to plurality of lighting panels, wherein the microcontroller checks their respective look up table to detect presence of the particular RFID. If the particular RFID is present in look up table, microcontroller sends information of the lighting panel which detected the presence of the particular RFID to central server. The central server provides location information of the particular RFID tag.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/09/2010

(21) Application No.2661/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SILANE QUATERNARY AMMONIUM COMPOUNDS AND COMPOSITIONS THEREOF

(51) International classification

:C11D

(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)RESIL CHEMICALS PVT. LTD

Address of Applicant :NO. 28 AND 30, BCIE, OLD
MADRAS ROAD, VIJANPURA, BANGALORE - 560 016
Karnataka India

(72)Name of Inventor :

1)GANESH SRINIVASAN
2)PALANIAPPAN KARUPPANCHETTY

(57) Abstract :

The present invention provides novel silane quaternary ammonium compounds which are highly water soluble and process for preparing the same. The present invention provides a surfactant-free aqueous formulation comprising silane quaternary ammonium compound.

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/09/2010

(21) Application No.2663/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A SYNERGISTIC COMBINATION AND A METHOD THEREOF

(51) International classification	:A01N
(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)THOTHATHRI SAMPATH KUMAR

Address of Applicant #:651, 11TH MAIN ROAD, V BLOCK,
JAYA NAGAR, BANGALORE - 560 041. Karnataka India

(72)**Name of Inventor :**

1)THOTHATHRI SAMPATH KUMAR

(57) Abstract :

The present disclosure provides a synergistic combination comprising essential nutrients, urea, diammonium phosphate and muriate of potash. Also, it provides a process for preparing synergistic combination, agrochemical composition and a method for promoting superior plant growth.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/09/2010

(21) Application No.2720/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FINGER BASED VEHICLE DRIVING INTERFACE

(51) International classification	:H01H, H04L	(71) Name of Applicant : 1)Hemant Jha Address of Applicant :Sky line city apartments Block 1 flat no 706 Chandralayout vijaynagar Bangalore. Karnataka India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)Hemant Jha
(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	

(57) Abstract :

A system for controlling an operation of the vehicle includes a controlling interface having a plurality of switches, a controller configured to communicate with the controlling interface, a leveraging module configured to communicate with the controller. Each of the switches corresponds to at least one controlling feature of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2761/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : VENTILATED SCOOTER/MOTOR CYCLE HELMET

(51) International classification

:A42B

(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)MAHA AJIT

Address of Applicant :APT.102, MBR RESIDENCY,
H.NO.3-4-484/3, LANE OPP. REDDY COLLEGE,
LINGAMPALLY, HYDERABAD - 500 027. Andhra Pradesh
India

(72)Name of Inventor :

1)MAHA AJIT

(57) Abstract :

Presently the helmets worn by riders of scooter and motorcycle are uncomfortable and rider head gets heated resulting in heavy perspiration. This invention relates to the ventilation of helmets for scooterists and motorcyclists, and having a construction enhancing comfort including enhanced air cooling, perspiration removal, safety and adjustability and safety of the wearer. This helmet actually provides better airflow than riding without a helmet. It is a major object of the invention to provide an improved , light weight , ventilated helmet .The invented helmet incorporates a dome shaped shell , a front opening for forward viewing , adequate designed vents , specialized designed interior liner, chin strap and Sun visor.

No. of Pages : 10 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2010

(21) Application No.2578/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A DEFOVIR DIPIVOXIL PSEUDOPOLYMORPH

(51) International classification	:A61K31/00, C07D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)MATRIX LABORATORIES LTD

Address of Applicant :1-1-151/1, IV FLOOR, SAIRAM
TOWERS, ALEXANDER ROAD, SECUNDERABAD-500 003
Andhra Pradesh India

(72)Name of Inventor :

1)JETTI, RAMAKOTESWARA RAO

2)INDUKURI, ANJANEYARAJU

3)BHGALA, BALAKRISHNA REDDY

4)BEERAVELLI, SATISH

(57) Abstract :

The present invention provides novel pseudopolymorph of Adefovir dipivoxil, and process for the preparation thereof. The present invention specifically relates to Adefovir dipivoxil formic acid solvate

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.2590/CHE/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN LPG CYLINDER ASSEMBLY FOR A MOTOR VEHICLE

(51) International classification

:A47B

(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)TVS MOTOR COMPANY LIMITED

Address of Applicant :JAYALAKSHMI ESTATES, NO.24
(OLD NO.8), HADDOWS ROAD, CHENNAI 600 006 Tamil
Nadu India

(72)Name of Inventor :

1)SRIKANTH KAANCHI MOHAN

2)PRABHANJAN KUMAR

(57) Abstract :

An LPG cylinder assembly for a motor vehicle comprising an LPG fuel cylinder provided with rear welded bracket with lug on one side and front welded bracket on another side, the said rear and front welded brackets being welded at different heights to facilitate the assembly of the LPG cylinder, with the lug head diameter being more than the size of the slotted hole of the rear bracket; the mating bracket front and bracket with slotted hole being welded on to the chassis of the said vehicle.

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/09/2010

(21) Application No.2659/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYNTHESIS OF STABLE ZERO VALENT IRON NANOPARTICLES USING ORGANIC STABILIZERS

(51) International classification	:C01G49/00	(71) Name of Applicant : 1)MANDAL DR.BADAL KUMAR, Address of Applicant :ENVIRONMENTAL AND ANALYTICAL CHEMISTRY DIVISION, SCHOOL OF ADVANCED SCIENCES, VIT UNIVERSITY, VELLORE - 632 014 Tamil Nadu India
(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	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MANDAL DR.BADAL KUMAR,
Filing Date	:NA	2)KESARLA MR. MOHAN KUMAR
(62) Divisional to Application Number	:NA	3)ALLABAOKSH MR.MURAD BASHA
Filing Date	:NA	

(57) Abstract :

Methods to synthesis the stable nano zerovalent iron particles (nZVI) stabilized by organic stabilisers such as polyethylene glycol-200 (PEG200), diethyl sulphosuccinate (AOT) and dimercapto succinic acid (DMSA) are provided. The synthesized nZVI NPs were stable in ordinary conditions more than 12 months. Stability studies are explained thereof.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/09/2010

(21) Application No.2673/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD TO INCREASE TRANSMISSION, LOWER EFFECTIVE SHEET RESISTANCE AND LOWER SHADING LOSS ON TRANSPARENT CONDUCTOR COATED SUBSTRATES

(51) International classification	:H01F	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Anupam Kunwar
(32) Priority Date	:NA	Address of Applicant :Flat No 202 Plot No. 34 Maitri Sadan
(33) Name of priority country	:NA	Sai Enclave Habsiguda Hyderabad 500 007 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	2)Mushtaq Ahmed
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Anupam Kunwar
Filing Date	:NA	2)Mushtaq Ahmed
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method to increase transmission, lower effective sheet resistance and lower shading loss on transparent conductor coated substrates. This invention relates to transparent conductor coated surfaces, and more particularly to improving efficiency of transparent conductor coated surfaces. High-conductivity pathways implemented at present are not deployed optimally and end-up with both a significant loss in open-area and a significant loss due to TC transport. Embodiments disclosed herein enable a transparent substrate with higher transmission, lower effective resistance and lower shading loss by providing the ability to uniquely tune current transport power and shading loss through the TC and providing flexibility with the three critical properties of TC-coated substrates - transmission, resistance and shading-loss.

No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2010

(21) Application No.2743/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : EXTRACTS FROM A PLANT, PROCESSES FOR OBTAINING THE EXTRACTS AND FRACTIONS AND APPLICATIONS THEREOF

(51) International classification	:A61K36/00	(71) Name of Applicant : 1)RAJIV GANDHI CENTRE FOR BIOTECHNOLOGY Address of Applicant :Thycaud PO Poojappura Thiruvananthapuram - 695 014 Kerala 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)RUBY JOHN ANTO
(87) International Publication No	: NA	2)JAYESH ANTONY
(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 processes for obtaining extracts and fractions from plant of Wrightia species. Further, the disclosure also relates to applications of the extract and fractions having anticancer activity related to various kinds of carcinomas.

No. of Pages : 32 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2765/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : IMPROVED NOVEL HAIR COLOURING COMPOSITION

(51) International classification	:A61Q5/06	(71) Name of Applicant : 1)CAVINKARE PVT.LTD. Address of Applicant : CAVIN VILLE, NO.12, CENOTAPH ROAD, CHENNAI - 600 018 Tamil Nadu 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)TARA KANNAN
(87) International Publication No	: NA	2)ARCHANA .R.S
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hair colouring composition/ kit in the form of cream/ lotion and the like involving alkalis for faster and effective colouring of hair that is preferably also substantially free of any irritating odour and further economises on both time and cost by favouring faster colouring and/ or improved colour retention. The said hair colouring composition/ kit of the invention is also adapted for use in cosmetically acceptable forms such as creams/ lotions and the like that additionally includes other hair benefiting agents.

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2010

(21) Application No.2770/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : INJECTABLE AND FAST SETTING BIODEGRADABLE POLYESTER BONE CEMENT FOR HEALING OF BONE DISEASES AND FRACTURE

(51) International classification	:C08L	(71) Name of Applicant : 1)SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY Address of Applicant :AN INDIAN INSTITUTE OF BIOMEDICAL TECHNOLOGY WING, POOJAPPURA, THIRUVANANTHAPURAM 695 012 Kerala India
(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	

(57) Abstract :

This invention relates to an injectable bone cement comprising component A and component B wherein component A comprises a 20 to 50% percent by weight of hydroxy! (a terminated poly (propylene fumarate) (HT-PPF) oligomer, 10 to 30% by weight-of a cross-linking agent, 0.02 to 0.2 percent by weight of an accelerator 1 to 5% by weight of an organic radiopaque agent; Component B comprises 10 to 40 percent by weight of hydroxyl apatite, 0.05 to 0.2 percent by weight of a microencapsulated aromatic free radical catalyst and 5 to 20 percent by weight of an inorganic carbonate salt.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2010

(21) Application No.2783/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A METHOD AND SYSTEM TO ACCESS MULTIPLE WIRELESS NETWORK OPERATOR'S SUBSCRIPTION USING SINGLE MSISDN

(51) International classification	:H04W	(71) Name of Applicant : 1)CENTRE FOR DEVELOPMENT OF TELEMATICS (C-DOT) Address of Applicant :Electronic City Phase I Hosur Road Bangalore 560100 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)P V ACHARYA 2)K SRIDHARA 3)ARCHANA TRIPATHI 4)BLUEMAX STEPHEN 5)SHIVALI MITTAL 6)CHARUMATI P 7)ABHISHEK SRIVASTAVA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Embodiments of the present disclosure are related to a method and system of accessing multiple wireless network operators subscription using single Mobile Station Integrated Services Digital Network Number (MSISDN). The MSISDN of a mobile device is registered with an Application server. The Application server will then act as an interface among the multiple operators to facilitate use of the operators services selected by the user of the mobile device using the registered MSISDN.

No. of Pages : 21 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/10/2010

(21) Application No.2990/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ELECTRONIC PODIUM

(51) International classification	:H03F13/00	(71) Name of Applicant : 1)FR.KOMMAREDDY.VIJAY KUMAR REDDY Address of Applicant :ASST. PROFESSOR IN THE DEPARTMENT OF ENVIRONMENTAL & SCIENCE, DIRECTOR OF R&D DEPT, C/O.CJITS, COLOMBONAGAR, YESWANTHAPUR(PO), JANGAON(MD), WARANGAL - 506 167. Andhra Pradesh India
(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	(72) Name of Inventor : 1)FR.KOMMAREDDY.VIJAY KUMAR REDDY 2)ALLAM.SYAM SUNDER REDDY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Electronic Podium, Lecterns, Portable system. Portable Amplifier is suitable for meeting Room, Seminar Halls, Hotel, School. The Electronic podium with Audio system can provide an integrated sound system. The Electronic Podium is a Choice for Leading hotels. Conference centres and Corporations. This Electronic Podium has made its mark in every type of Venue. Clean, functional, and stylish, it has great Sound and it is easy to use. In this Electronic Podium 30watts Amplifier and Speakers are inbuilt. This system can also work in case of main power failure as it is included with Rechargeable battery backup.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/10/2010

(21) Application No.2993/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SOLAR ELECTRIC VEHICLE

(51) International classification	:B62M23/00	(71) Name of Applicant : 1)FR.KOMMAREDDY.VIJAY KUMAR REDDY Address of Applicant :ASST. PROFESSOR IN THE DEPARTMENT OF ENVIRONMENTAL & SCIENCE, DIRECTOR OF R&D DEPT, C/O.CJITS, COLOMBO NAGAR, YESWANTHAPUR(PO), JANGAON(MD), WARANGAL - 506 167. Andhra Pradesh India
(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	(72) Name of Inventor : 1)FR.KOMMAREDDY.VIJAY KUMAR REDDY 2)G.JAYA RAJU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In India, we have lot of resources in solar energy and it is abundantly and inexhaustible. So an effort has made in utilization of solar energy. In the present invention a solar electric vehicle is made. A conventional PWD vehicle is upgraded in this invention. It is made to run on solar power with battery backup. Additionally it can also operate manually. Electrical energy from the solar photovoltaic panels is stored in batteries which drives the D.C. motor. This D.C. motor is connected to the gear on the wheel of the vehicle. Our solar Electric vehicle makes use of renewable energy source effectively and it is purely pollution free or zero emission.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2010

(21) Application No.3027/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A SYSTEM AND A METHOD THEREOF FOR SCHEDULING AND SUPPORTING VIRTUAL RESOURCE MANAGEMENT IN A GRID NETWORK

(51) International classification	:g06f9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)ANNA UNIVERSITY, CHENNAI

Address of Applicant :SARDAR PATEL ROAD, GUINDY,
CHENNAI 600 025 Tamil Nadu India

(72)**Name of Inventor :**

1)DR. S. THAMARAI SELVI

2)R. KUMAR

3)P. BALAKRISHNAN

4)K. RAJENDAR

5)G. KANNAN

6)R. RAJIV

(57) Abstract :

A Resource Broker is proposed addressing the problems associated with scheduling scenarios using the visualization concept. The specification also proposes and implements necessary protocol and services to support creation and management of virtual resources in the physical hosts. It deploys required number of virtual machines in potential computing resources to meet the application requirements, and creates virtual clusters dynamically; configure with required software execution environment for facilitating application execution. Thus, the resource broker improves the overall throughput by scheduling more application than conventional grid schedulers and increases the utilization of underutilized Scomputing resources in grid.

No. of Pages : 35 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2010

(21) Application No.2780/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SIDE STAND DEVICE

(51) International classification	:B62H
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)TVS MOTOR COMPANY LIMITED

Address of Applicant :JAYALAKSHMI ESTATES □ NO.29
(OLD NO.8) H□DDOWS ROAD, CHENNAI 600 006. Tamil
Nadu India

(72)**Name of Inventor :**

1)AVIJIT GHOSH

2)BHARAT ARVIND RAJPUT

3)RENGARAJAN BABU

(57) Abstract :

A side stand device for a motorcycle is provided with a cable; at least two abutments fixed to the frame of the vehicle; and at least two hooks; wherein the said side stand when operative actuates the rear brake; wherein the said one end of the cable is fixed to brake pedal with the said one hook having swivelling mechanism; wherein the said other end of the cable is fixed to the other hook on the side stand.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2010

(21) Application No.2794/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MANUFACTURE OF ELECTROLUMINESCENT MATERIALS IN INERT GAS ENVIRONMENT

(51) International classification

:H05B

(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) Abstract :

This is a special method of manufacturing electroluminescent materials by doping the metal salts like zinc sulphide, Cadmium sulphide, Zinc or cadmium selenides, Cadmium Telluride or any other similar salts with required dopent metals like copper, Manganese, Iron, Lead etc in nano-quantities. In this method metal salts and dopent metals are taken in two separate crucibles and placed in two separate inert gas chambers, are fused to their vapour states and their respective metal electrodes are connected through external electric field to increase the speed and yield under microprocessor controlled system. These two vapours are allowed to mix in a controlled manner through a permeable membrane and then cooled to get electroluminescent materials. Depending on the combination of reactants different colour emitting electroluminescent materials in the spectrum ranges of ultra violet, infrared, and visible are produced. When this material in the presence of graphite, layers along with the piezo electric materials, will produce display systems, and other opto-electric devices.

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

(71)Name of Applicant :

1)EESAVYASA TECHNOLOGIES PVT LTD

Address of Applicant :108-B,I.D.A,KHANAPURAM,KHAMMAM, PIN: 507 002 Andhra Pradesh India

(72)Name of Inventor :

1)DAMULURI PREM CHAKRAVARTHY

2)KUNAM SASIDHAR REDDY

3)JINUGA PREETHAM

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/10/2010

(21) Application No.2960/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A BATTERY CHARGE CALCULATION DEVICE AND A METHOD OF BATTERY CHARGE CALCULATION

(51) International classification	:H02J7/00, G01R31/36	(71) Name of Applicant : 1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED Address of Applicant :123, INDUSTRIAL LAYOUT, HOSUR ROAD, KORAMANGALA, BANGALORE - 560 095 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	2)BOSCH LIMITED
(87) International Publication No	: NA	3)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number Filing Date	:NA	(72) Name of Inventor :
(62) Divisional to Application Number Filing Date	:NA	1)JOHN ALEX DCRUZ 2)BALAJI R 3)BALASUBRAMANIAM VENAKATSUBRAMANIAM

(57) Abstract :

A Battery charge calculation device and a method of calculating battery charge is disclosed. The device comprises a resistive element connected between a battery and a load. The device further comprises a first voltage divider circuit and a second voltage measuring circuit and a controller receives output of the first voltage divider circuit and the second voltage divider circuits and calculates a correction factor which is further used to calculate charge of battery.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/10/2010

(21) Application No.2962/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PULSE GENERATION METHOD AND LASER LIGHT SOURCE APPARATUS

(51) International classification	:H01S3/00	(71) Name of Applicant : 1)SUMITOMO ELECTRIC INDUSTRIES, LTD. Address of Applicant :5-33, KITAHAMA 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0041 Japan
(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)TAMAOKI, SHINOBU
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 enables simultaneous setting or automatic setting of a pulse peak and a pulse width of a light pulse. In a configuration comprising a light emitting element outputting laser light, a driving current supply section supplying a driving current to the light emitting element, a modulator applying a modulation voltage for pulse modulation of the laser light to the light emitting element, and a modulation control section controlling a modulation pattern as a pattern of pulse modulation of the modulation voltage for the modulator, the modulation control section sets a modulation voltage value in the modulation pattern based on information on a driving current value, and sends information on the modulation pattern to the modulator so that the modulation voltage reaches the set value.

No. of Pages : 47 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/10/2010

(21) Application No.3049/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LOCALIZED AND CULTURAL DOMAIN NAME SUGGESTION

(51) International classification	:G06F17/00
(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)VeriSign Inc.

Address of Applicant :21355 Ridgetop Circle Dulles VA
20166 U.S.A.

(72)**Name of Inventor :**

1)Ramesh Kumar Manickam

2)Manish Kumar Maheshwari

3)Ashishkumar Namdev Tadose

(57) Abstract :

Suggested domain names are generated based upon regional, cultural and other information received from a user. The user input is correlated against terms in a localized name suggestion database to identify terms that are regionally and/or culturally relevant to the user. Candidate domain names are generated based upon the user input, the terms derived from the database and related terms such as synonyms. The candidate localized names that are available for registration are sent to the user, which can select one or more to be registered.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2010

(21) Application No.2767/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LINEAR ACTUATION LOUDSPEAKER DRIVER

(51) International classification	:H04R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRAVEEN VALLABHANENI
(32) Priority Date	:NA	Address of Applicant :# 12, 1ST FLOOR, 15TH C CROSS,
(33) Name of priority country	:NA	16TH MAIN, BANDAPPA GARDEN, MUTILAYA NAGAR,
(86) International Application No	:NA	BANGALORE 560 054 Karnataka India
Filing Date	:NA	
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PRAVEEN VALLABHANENI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Electrodynamic loudspeaker (electroacoustic transducer) driver where the coil is connected to the diaphragm via surface gap(s) in the magnetic field assembly part(s) enclosing the coil or enclosed by the coil or both, thereby making it possible to build loudspeakers that are compact with respect to diaphragm excursion, capable of producing high diaphragm excursions and able to optimize the magnetic field incident on the coil.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2010

(21) Application No.2769/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ONLINE ASSESSMENT OF MOISTURE IN POWER TRANSFORMER INSULATIONS

(51) International classification	:H01F
(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)Indian Institute of Technology Madras.

Address of Applicant :Indian Institute of Technology Madras
IIT PO Chennai 600036. Tamil Nadu India

(72)Name of Inventor :

1)V. Jayashankar

2)M.K.Ilampoornan

(57) Abstract :

Online assessment of moisture in power transformer insulations. This invention relates to power transformers, and more particularly to measuring moisture in insulations of power transformers. The object of this invention is to disclose a method and system for online moisture assessment in the insulation of a transformer, which is accessible for external monitoring. Accordingly, the invention provides a system comprising of a scaled model of bulk insulation, a plurality of alternating layers of foil and insulation in the model bulk insulation and at least two leads from the plurality of alternating layers of foil and insulation; a current transformer; a plurality of alternating layers of turn to turn insulation and foil placed in proximity to the current transformer; and at least two leads from the plurality of alternating layers of insulation and foil.

No. of Pages : 23 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2010

(21) Application No.2789/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PIEZO ELECTRIC ACCUMULATOR- CONCEPT AND MANUFACTURING METHOD

(51) International classification	:H01L
(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)EESAVYASA TECHNOLOGIES PVT. LTD.

Address of Applicant :108-B, I.D.A. KHANAPURAM,
KHAMMAM, PIN - 507 002. Andhra Pradesh India

(72)Name of Inventor :

1)DAMULURI PREM CHAKRAVARTHY

2)KUNAM SASIDHAR REDDY

3)JINUGA PREETHAM

(57) Abstract :

In this method construction of piezo electricity accumulator, using advanced piezo electric ceramics like Lead Titanate Zirconate, Lead Copper Titanate, or ultra pure quartz, is disclosed. To these piezo electric ceramics, impurities of p-type and n-type doped silicon material are introduced, in the presence of inert gas environment at vapour stage. This material collected is sintered on to a metallic plate. Due to the placement of P-N junction material like bismuth or antimony, in to the crystal lattice gaps of Lead Titanate Zirconate, all the scalar vibration forces, which results to piezo potentials, is arrested and uniform flow of vector EMF is generated with respect to the particular doped material. It leads to so many intermolecular piezo clusters with which commercially producing the electricity became viable. The output voltage of the piezo electric accumulator can be controlled by properly choosing the barrier voltage of the semiconductor material used. This piezo electric accumulator can be connected to a moving portion of the vehicle or motor or any other moving object , to generate electricity.

No. of Pages : 6 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/10/2010

(21) Application No.2980/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NOVEL CRYSTALLINE FORM OF N-[2-(7-METHOXY-1-NAPHTHYL)ETHYL]ACETAMIDE AND PROCESS FOR ITS PREPARATION.

(51) International classification	:c07c235/00	(71) Name of Applicant : 1)MSN LABORATORIES LIMITED Address of Applicant :FACTORY SY.NO:317 & 323, RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST)- 502 329. Andhra Pradesh 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	: NA	1)SRINIVASAN THIRUMALAI RAJAN
(61) Patent of Addition to Application Number	:NA	2)GHOJALA VENKAT REDDY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel crystalline form of N-[2-(7-methoxy-1-naphthyl)ethyl]acetamide compound of formula-1 and process for its preparation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3088/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN ELECTRICAL CUM VACUUM FUEL COCK FOR MOTOR VEHICLES

(51) International classification	:B60K15/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)TVS MOTOR COMPANY LIMITED

Address of Applicant :JAYALAKSHMI ESTATES NO.29
(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
Nadu India

(72)**Name of Inventor :**

1)JEGATHALA RAJU NANDAKUMAR

2)VAIDHEESWARAN RAMESH

3)RENGARAJAN BABU

(57) Abstract :

An electrical cum vacuum fuel cock for motor vehicles, comprising a solenoid valve operated by a micro controller, the solenoid valve connecting, the fuel tank to the carburettor, the said valve opening for a predetermined period, on the ignition switch being put ON, to fill the carburettor bowl for facilitating cold/warm starting of the engine; an auto fuel cock assembly connecting the fuel tank to the carburettor, whereby once the engine starts, the suction pressure created by the running engine adequately draws fuel into the carburettor for continued running of the engine.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2010

(21) Application No.3053/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : IMPROVEMENTS IN AND RELATING TO TELESCOPIC DOUBLE SLIDE RAILS

(51) International classification	:A47B88/00	(71) Name of Applicant : 1)TYCO ELECTRONICS CORPORATION INDIA PVT. LIMITED Address of Applicant :22B, TE PARK WHITEFIELD ROAD DOOPENAKUNDI INDUSTRIAL AREA II PHASE BANGALORE -560048 Karnataka India
(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	(72) Name of Inventor :
Filing Date	:NA	1)HEBBAR, SUDHIR
(62) Divisional to Application Number	:NA	2)GEENS, JOHAN
Filing Date	:NA	

(57) Abstract :

The present invention relates in general to slide rails and slide rail assemblies and in particular to an improved telescopic double slide rail. The double slide rail of the invention comprises two slide rails, each slide rail consisting of a pair of channels in sliding engagement with each other, one channel of each rail being fixable to an external retaining means and the other channel of each rail being supported by an L-shaped support member interposed between the two slide rails, said L-shaped support member and the channels fixed thereto being adapted to move relative to the fixable channels, whereby the inner slide rail is disposed horizontally and the outer slide rail is disposed vertically.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2010

(21) Application No.3055/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING PREVENTATIVE MAINTENANCE OPERATIONS IN COMPUTER SOURCE CODE

(51) International classification	:G06F17/00	(71) Name of Applicant : 1)INFOSYS TECHNOLOGIES LIMITED Address of Applicant :IP CELL, PLOT NO 44, ELECTRONICS CITY, HOSUR ROAD, BANGALORE, 560 100. Karnataka 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	: NA	1)GIRISH MASKERI RAMA
(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 and method for identifying occurrences of preventive maintenance on computer source code. The method comprises analyzing source code, defining data sets associated with characteristics of the source code, and applying an operation algorithm to the data sets to thereby identify occurrences of preventive maintenance operations that were carried out on the source code. A first instance of a source code and a second instance of the source code are preferably analyzed, wherein the second instance of the source code is a revised version of the first instance of the source code, a first data set associated with the first instance of the source code and a second data set associated with the second instance of the source code are preferably defined, and the operation algorithm is preferably applied to the first data set and the second data set to thereby identify at least one occurrence of a preventive maintenance operation that was carried out on the source code.

No. of Pages : 44 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2010

(21) Application No.3056/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN ELECTRICALLY OPERATED AUTOMATIC FUEL COCK FOR A MOTOR VEHICLE

(51) International classification	:F16K37/00	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED Address of Applicant :JAYALAKSHMI ESTATES, NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India
(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	

(57) Abstract :

An electrically operated automatic fuel cock for a motor vehicle comprising a pressure switch connected in between the fuel line and an electrically actuated valve for sensing the fuel pressure in the fuel tank; a micro controller for receiving the pressure signal from the said valve, said micro controller being programmed to (i) open the main port of the fuel tank and close the reserve port when the said pressure is equal to or above a first value, simultaneously activating a first coloured indicator light (ii) close the main port and open the reserve port when the said pressure is below the first value and above a second value, simultaneously de-activating the first indicator light and activating a second indicator light of a different colour and (iii) continue to close the main port and open the reserve port when the said pressure is below the second value, simultaneously de-activating the second indicator light and activating a third indicator light of yet a different colour, until the main port opens once again and the reserve port closes on the said pressure reverting to a value equal to or above the first value.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3130/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING PERFORMANCE PARAMETERS OF SOFTWARE PROJECT BASED ON SOFTWARE-ENGINEERING TOOLS USAGE

(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

(71)**Name of Applicant :**

1)INFOSYS TECHNOLOGIES LIMITED

Address of Applicant :IP CELL, PLOT NO.44,
ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
100. Karnataka India

(72)**Name of Inventor :**

1)NARESH CHOUDHARY

(57) Abstract :

A method and system have been disclosed for determining one or more performance parameters of a project. Various examples of the performance parameters of the project may include productivity, efficiency, and quality. The method described above includes defining one or more lifecycle stages of the project. Examples of the lifecycle stages of the project may include requirement analysis, high-level design, detailed design, build, integration test, system test, documentation, acceptance, installation, and post implementation. Further, the method includes receiving details of one or more tools being used for each lifecycle stages of the project. The method further includes assigning a score based on the one or more tools being used for the project. Further, the method also includes automatically calculating a value based on the assigned score. Thereafter, the performance parameters of the project are determined based on the calculated value.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/09/2010

(21) Application No.2697/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CRYSTALLINE SALTS OF ESMIRTAZAPINE

(51) International classification	:C07D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)MATRIX LABORATORIES LTD

Address of Applicant :1-1-151/1, IV FLOOR, SAIRAM
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Andhra Pradesh India

(72)**Name of Inventor :**

1)DACHAPALLI, VENKANNA

2)PATNEEDI, CHANTI BABU

3)RAVI VENKATA NAGA VIKAS CHANDRA DEV

4)ACHAR, MOUNESHWAR

5)SHARMA, JITENDRA

6)RAMA, SHANKAR

(57) Abstract :

The present invention relates to crystalline salts of Esmirtazapine designated as hydrochloride, fumarate, oxalate, maleate and salicylate. The present invention also relates to process for the preparation of hydrochloride, fumarate, oxalate, maleate and salicylate salts of Esmirtazapine.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2010

(21) Application No.2790/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PAPER & CURRENCY COUNTING USING LINEAR ENCODER MEASUREMENT

(51) International classification	:G07D
(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)EESAVYASA TECHNOLOGIES PVT LTD

Address of Applicant :108-B, I.D.A. KHANAPURAM,
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(72)**Name of Inventor :**

1)DAMULURI PREM CHAKRAVARTHY

2)KUNAM SASIDHAR REDDY

3)JINUGA PREETHAM

(57) Abstract :

The present invention relates to counting paper / currency using their linearly encoded combined thickness measurement. this method contains a vertical strip coated with resistive material and a motor operated horizontal bar which moves along the length of the vertical strip makes a contact with the vertical strip at height equal to the thickness of the paper / currency. the combined resistance from the base or reference point to the point of contact is measured and is converted to voltage which is then digitized using an adc. this digitized value is divided by per sheet voltage measurement to get the total bundle count and is displayed.

No. of Pages : 6 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2010

(21) Application No.2791/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HIGH PRESSURE VIBRATION PUMPS USING PIEZO ELECTRIC MATERIALS

(51) International classification	:F04B
(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)EESAVYASA TECHNOLOGIES PVT LTD

Address of Applicant :108-B, I.D.A. KHANAPURAM,
KHAMMAM, PIN - 507 002. Andhra Pradesh India

(72)Name of Inventor :

1)DAMULURI PREM CHAKRAVARTHY

2)KUNAM SASIDHAR REDDY

3)JINUGA PREETHAM

(57) Abstract :

In this invention a high pressure vibration pump is made using ultra sonic transducers made up of piezo electric substances. This pump consists of piezo electric material coated diaphragm or plate. Piezo electric material vibrates when the electricity or other vibration causing forces are applied to it. These vibrations in the coated diaphragm or plat will create pressure on the other side of the diaphragm. This surface can be connected to a chamber fluid or air flow takes place, or connected to piston cylinders type of arrangements, etc. This motor less pump can operate with both AC and DC current and finds its application in aeronautical pumps, Reverse osmosis pumps, air compressors, air condition compressors and other fluid pumps. Also the size of this pump is drastically reduced.

No. of Pages : 5 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2010

(21) Application No.3057/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN AUTOMOTIVE DRUM BRAKE SYSTEM WITH PROVISION FOR ENHANCED COOLING

(51) International classification	:F16D65/00	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED Address of Applicant :JAYALAKSHMI ESTATES NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India
(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	

(57) Abstract :

An automotive drum brake system with provision for enhanced cooling comprising at least one high conducting material inserted in the aluminum alloy wheel such that a portion of the material touches the cast iron drum liner, the other part of the high conducting material being exposed to atmosphere for dissipation of heat, to cause reduction In heat of the drum liner.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3144/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A COMPACT USB PORT

(51) International classification	:G06F	(71) Name of Applicant : 1)MR. ROHAN PANDEY Address of Applicant :2-4-472, RD # 6, NAGOLE X ROADS, HYDERABAD-500 035. Andhra Pradesh 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 : 1)MR. ROHAN PANDEY
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 :

A modified USB port integrating with the body of the host without the metal casing wherein the entire body is made of plastic, which is integrated with body of the device, wherein USB port receptacles are attached to the Motherboard with the help of two or four fasteners/bolts, the receptacles are placed on the Motherboard and bolted from the top into the Motherboard, which helps the receptacles to be firmly placed on the Motherboard, the design does not change any functional aspect of the USB port or the receptacles, only the dimensions decrease, making it a more compact USB port.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3146/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : RESTRICTED ACCESS TO SOCKET OUTLET

(51) International classification	:H01R	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:NA	RUEIL MALMAISON. France
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MANJUNATHA BYRANNA
(87) International Publication No	: NA	2)VIJAY KRISHNA
(61) Patent of Addition to Application Number	:NA	3)WOLFGANG GORLICH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mechanism for restricting access to the socket outlet assembly 10 is disclosed by using blocking shutter principle, rotating key principle, and the driving shutter principle. The mechanism includes a shutter 27, a blocking means 20, and a securing means 12. The shutter 27 is in a first position and the blocking means is in a third position and blocks the shutter 27 to move to a second position. When the securing means 12 is inserted, the securing means 12 engages the blocking means 20 and causes the blocking means 20 to rotate in a direction and move to a fourth position such that path is cleared for the shutter 27 to move from the first position to the second position. The securing means 12 can be removed from the socket outlet assembly 10 after the electrical plug 30 is inserted. This restricts a user to use the socket outlet assembly 10 each time only with the securing means 12.

No. of Pages : 37 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3131/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR REVERSE TRANSFERRING KNOWLEDGE BETWEEN PROJECT TEAMS

(51) International classification	:G06Q	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS TECHNOLOGIES LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100. Karnataka India
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SRIHARI GOPALAN
(87) International Publication No	: NA	2)VISVANATHAN LAKSHMI NARAYAN
(61) Patent of Addition to Application Number	:NA	3)GAYATHRI VIVEKANANDAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and a system for reverse transferring knowledge of a project from a primary vendor to a secondary vendor. The reverse knowledge transfer process involves defining a seamless process for transferring knowledge of all applications of the project, without compromising on the committed timelines for the release of the applications. Further, the knowledge transfer process is regularly monitored and controlled by various stakeholders to ensure the timelines are met and quality of transfer is maintained.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3132/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING TESTING MATURITY OF AN ORGANIZATION

(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

(71)**Name of Applicant :**

1)INFOSYS TECHNOLOGIES LIMITED

Address of Applicant :IP CELL, PLOT NO.44,
ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
100. Karnataka India

(72)**Name of Inventor :**

1)VENKATESH IYENGAR

2)KAVIAN MOHAMMAD GOHARDERAKHSHAN

3)SATYAJIT MOHANTY

4)REGHUNATH BALARAMAN

5)AROMAL VENAL MOHAN

(57) Abstract :

The invention describes a method, a system, and a computer program product for determining the maturity of a testing organization. The testing organization may be defined as an organization that specializes or involves in testing of software/ software applications. The method utilizes a pre-determined model to assess the maturity level of the testing organization. In addition to providing the pre-determined model, the invention facilitates in determining the maturity level across various test dimensions of the testing organization.

No. of Pages : 41 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2010

(21) Application No.3160/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A DUAL MODE AUTOMOTIVE DRIVE SYSTEM FOR A MOTOR VEHICLE

(51) International classification	:F02P5/00	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED Address of Applicant :JAYALAKSHMI ESTATES NO.29 (OLD NO.8), HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India
(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	(72) Name of Inventor : 1)SUBRAMONIAM CHITHAMBARAM 2)YATIN VASANT CHAUDHARY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A dual mode automotive drive system for a motor vehicle having default mode and power mode operation, comprising an ignition timing unit, electronic solenoid for the carburettor and a magneto assembly, the said ignition timing unit being provided with a set of ignition curves, wherein one is for default operation and the other(s) curve(s) is for power mode operation; a carburettor provided with an electronic solenoid for supplying enriched fuel air mixture in the default mode operation for cold start of the engine, and for supplying enriched fuel air mixture continuously in the power mode operation; a magneto assembly for generating electricity to support load requirements of the said vehicle during default mode operation, the said magneto assembly being disconnected from the non-essential load during power mode operation; and a manual control switch connected to the said components, said switch, in its non-activated state, retaining the said system in its default mode operation, but in its activated state, causing the said components to change over from default mode operation to power mode operation

No. of Pages : 7 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2010

(21) Application No.3161/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A THROTTLE GRIP HOUSING ASSEMBLY FOR A MOTOR VEHICLE

(51) International classification	:F02P5/00, B60K31/00	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED Address of Applicant :JAYALAKSHMI ESTATES NO.24 (OLD NO.8), HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu 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)CHANDAN MANDIKAL RAGHURAM
(87) International Publication No	: NA	2)RENGARAJAN BABU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A throttle grip housing assembly for a motor vehicle comprises a housing, the first end of which is located at the switch assembly of the vehicle; a spacer one end of which is clamped on the surface of a welded spacer in the said tube; a damper mass on the surface of which the other end of the spacer rests, characterised in that the second end of the housing accommodates a supporting member forming a snug fit in the said housing, the said supporting member having a central hole for receiving the spacer in a close sliding fit, such that when the damper screw of the damper mass is tightened, there is no uneven rubbing of the said housing on the said tube.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2010

(21) Application No.3164/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MAXSEAL

(51) International classification	:F16L
(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)CETHAR LIMITED

Address of Applicant :4, DINDIGUL ROAD TRICHY - 1
Tamil Nadu India

(72)Name of Inventor :

1)S. RAJENDRAN

2)S. LAKSHMANAN

(57) Abstract :

A MAXseal system is developed for use in any system to manage the multiple axis expansion movements experienced by the pipelines while draining or transporting particles at high temperature and pressure. This system has got diskette with ceramic felts attached to it and a telescopic arrangement to manage lateral and vertical expansion of the pipes. This system is particularly useful for boilers such as fluidized bed systems with bottom ash drain system employed beneath the combustor, for example, to overcome expansion of pipes in multiple directions during the ash drain process of the boiler. This invention additionally helps in providing a seal for the pipe system and takes care of the multiple axis expansion movements of the pipes resulting in a simple and safe process.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2010

(21) Application No.3109/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM AND METHOD OF GAUGING PAPER WORKFLOW

(51) International classification	:G06K
(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)GENERAL ELECTRIC COMPANY

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

(72)**Name of Inventor :**

1)JIMMY JOSEPH

(57) Abstract :

The present disclosure relates to a system for monitoring a paper supply. The system includes a paper receptacle configured to retain the paper supply. The paper supply includes at least one queue mark. The printer receives paper from the paper supply and affixes a graphical representation to the paper. A sensor is responsive to the at least one queue mark. The sensor produces a signal indicative of sensing the queue mark. A controller receives the signal from the sensor and calculates a value representative of a remaining amount of paper in the paper supply.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2010

(21) Application No.3175/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HIGH DIRECTIVITY MICROSTRIP DIRECTIONAL COUPLERS

(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

(71)Name of Applicant :

1)INDIAN SPACE RESEARCH ORGANISATION

Address of Applicant :ISRO HEADQUARTERS,
DEPARTMENT OF SPACE, ANTARIKSH BHAVAN, NEW
BEL ROAD, BANGALORE 560 094 Karnataka India

(72)Name of Inventor :

1)JOLLY DHAR

2)SUMAN AICH

3)B V BAKORI

4)RAJKUMAR ARRORA

5)S S RANA

(57) Abstract :

The present invention relates to a high directivity microstrip directional coupler (1) comprising: - a substrate (2) made of dielectric material, - a directional coupling unit (3), disposed on the surface of said substrate (2), comprising of pair of spaced-apart inverted-U-shaped microstrip conductors, constituting first transmission line (4) having an input port (6) and an output port (7), and second transmission line (5) having a coupled port (8) and an isolated port (9), wherein said first transmission line (4) lies above said second transmission line (5), and wherein the confronting edges of said microstrip conductors are indented with uniform periodic square grooves (10) in such a way that the indentation provided on the edge of one microstrip conductor reciprocates with the indentation provided on the edge of the adjacent microstrip conductor; and wherein the groove-width is equal to the groove-space. The present invention also relates to a high directivity microstrip tandem directional coupler (12) comprising of a substrate (2) made of dielectric material and a pair of directional coupling units, first directional coupling unit (13) and second directional coupling unit (14), disposed on the surface of said substrate (2) in tandem.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2010

(21) Application No.3176/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A RESETTABLE SAFETY DEVICE FOR SUSPENDED CABLES

(51) International classification	:H01H, H01R	(71) Name of Applicant : 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant :35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON 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)CHETAN ETHAPAY
Filing Date	:NA	2)SHRIKANT PAWAR
(87) International Publication No	: NA	3)MAHESH REDDY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A resettable enclosed safety device involving a mechanical fixture is fixed on the electric pole. The suspended cable having no support/service cable is connected to this safety device. If the tension in this suspended cable increases beyond a certain limit thereby reaching the minimum tension calibrated in the safety device or if the cable snaps out due to external factors like tree falling on the suspended cable, the safety device disconnects the cable mechanically, and thereby electrically. However, the cable still remains attached to the safety device. Thus, it causes no harm if the cable snaps out anywhere along the length, and falls on the ground while the other end is still attached to the safety device. The reset feature of the device is used to put it back in normal working condition. The threshold tension as said is configurable for different loads. The mechanism is enclosed to protect from environment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2010

(21) Application No.3215/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HEAT RECOVERY PROCESS IN METAL CASTING

(51) International classification	:B22C	(71) Name of Applicant : 1)Amrita Vishwa Vidyapeetham University Address of Applicant :Ettimadai Coimbatore - 641105 Tamil Nadu 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 : 1)J.SELVARAJ
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 :

In view of foregoing, an embodiment herein provides a method and apparatus for recovering heat energy from molten metal in the metal casting process, and reusing said recovered energy for preheating raw-materials (metal) before processing to melting in a furnace, thereby efficiently conserving energy in the metal casting process. According to an embodiment, a method for recovering heat energy in metal casting comprises the step of placing a layer of sand around mold cavity; positioning plurality piece of raw materials around said sand layer; placing a layer of sand around said raw materials, wherein molten metal is poured in said mold cavity. In an embodiment, the apparatus for recovering heat energy in metal casting comprises of a mold cavity; a layer of sand around said mold cavity; plurality piece of raw materials around said sand, and a layer of sand around said raw materials.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2010

(21) Application No.3230/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR SCHEDULING A TASK IN A DATA WAREHOUSE

(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

(71)**Name of Applicant :**

**1)HEWLETT-PACKARD DEVELOPMENT COMPANY
L.P.**

Address of Applicant :11445 Compaq Center Drive West
Houston TX 77070 U.S.A.

(72)**Name of Inventor :**

**1)MADAN GOPAL DEVADOSS
2)RANVEER KUMAR SINGH
3)PANISH RAMAKRISHNA**

(57) Abstract :

Provided is a method and system for scheduling a task in a data warehouse. A task in a data warehouse is scheduled based on selection of a report related to the data warehouse.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2010

(21) Application No.3601/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : THE PROCESS OF QUANTIFICATION OF PERFORMANCE OF PEOPLE EFFORT DURING SOFTWARE DEVELOPMENT PROCESS USING A NEW METRIC CALLED AS INSPECTION PERFORMANCE METRIC (IPM) AND ITS IMPLEMENTATION

(51) International classification	:G06Q	(71) Name of Applicant :
(31) Priority Document No	:NA	1)DR. NAIR GOPALAKRISHNAN T.R.
(32) Priority Date	:NA	Address of Applicant :DIRECTOR, RESEARCH INDUSTRY
(33) Name of priority country	:NA	AND INCUBATION CENTRE, NEW BUSINESS BLOCK,
(86) International Application No	:NA	DAYANANDA SAGAR INSTITUTIONS, 4TH FLOOR,
Filing Date	:NA	SHAVIGE MALLESWARA HILLS, KUMARASWAMY
(87) International Publication No	: NA	LAYOUT, BANGALORE - 560 078 Karnataka India
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DR. NAIR GOPALAKRISHNAN T.R.
(62) Divisional to Application Number	:NA	2)SUMA. V
Filing Date	:NA	3)NITYA GOPALAKRISHNAN NAIR

(57) Abstract :

An effective implementation of inspection process serves to be one of the best practices in software development. Conversely, it is people drive the process. Our deep investigation of various projects across leading software industries indicates the inability of software industries to have an accurate perception of inspection performance effort. Therefore, we have introduced software metric Inspection Performance Metric (IPM) to estimate and measure the level of inspection effort put by the team. IPM is people metric. This metric evaluates the team characteristics using five major parameters that modulate the quality of the team performance. The five parameters are i) inspection time (x_1), ii) preparation time (X_2), iii) number of inspectors (X_3), iv) experience level of inspectors (X_4) v) complexity of the project which is measured using function points(x_5). IPM is realized in two stages. In the first stage, IPM can be calculated for the project based on the shop floor defect count. Having obtained IPM values for a set of empirical projects, it is possible to predict IPM for a new project based on regression analysis. The prediction of IPM uses Multiple Linear Regression models where the team coefficients (β_0, β_5) are evaluated using pivot solutions like Least Square Techniques. With the stabilized set of team coefficients and with the chosen inspection influencing parameters (x_1, X_5), it is now possible for the software company to predict the IPM value for a new project. Alternatively having obtained the team coefficients, the software company can also tune the number of persons performing inspection, the experience of each person, the time to be spent by each person essentially to achieve the desired quality level of IPM. The method is found useful through field data. The estimation of this characteristic vector can enable the company and the outsourcer to analyze the inspection process and the degree of level of inspection process required. The IPM can be organized as a performance-benchmarking tool for the projects in order to improve the in-house defect management process in software industry. Further, introduction of such a quality metric reflects a continual process improvement.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2010

(21) Application No.3602/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A NOVEL APPROACH IN THE INSPECTION PROCESS WHICH MEASURES THE QUALITY OF INSPECTION THROUGH THE INTRODUCTION OF A NEW PROCESS METRIC CALLED AS 'DEPTH OF INSPECTION' (DI) FOR EFFECTIVE DEFECT MANAGEMENT IN SOFTWARE DEVELOPMENT

(51) International classification	:G06Q	(71) Name of Applicant :
(31) Priority Document No	:NA	1)DR. NAIR GOPALAKRISHNAN T.R.
(32) Priority Date	:NA	Address of Applicant :DIRECTOR, RESEARCH INDUSTRY
(33) Name of priority country	:NA	AND INCUBATION CENTRE NEW BUSINESS BLOCK,
(86) International Application No	:NA	DAYANANDA SAGAR INSTITUTIONS 4TH FLOOR,
Filing Date	:NA	SHAVIGE MALLESWARA HILLS, KUMARASWAMY
(87) International Publication No	: NA	LAYOUT, BANGALORE - 560 078 Karnataka India
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DR. NAIR GOPALAKRISHNAN T.R.
(62) Divisional to Application Number	:NA	2)SUMA. V
Filing Date	:NA	3)NITYA GOPALAKRISHNAN NAIR

(57) Abstract :

Conduction of inspection during software development life cycle plays a vital role in effective defect management and thereby enables one to develop a quality software product. However, quality must be a quantifiable unit. A software quality metric that can measure the quality of software inspection did not exist so far. Therefore, we have introduced a new approach of inspection which consists of two stages. Stage-1 consists of inspection activity performed by a minimum of three inspectors and stage-2 will be the final inspection. The resultant of both stages is an Inspection Quality Analysis report (IQA). IQA contains information which includes Depth of Inspection (DI) value, Inspection Performance Metric (IPM) value etc. DI is a process metric which measures the depth in which inspection has occurred. DI enables the manager within the software community to identify and compare the level of inspection performed in various projects. DI further facilitates one to have a deep visibility of the process and helps to control the developmental cost. Thus, introduction of DI in software industry can yield valuable information of a company in relation to the inspection process and effectively reduce further burdens that remain ahead. DI implementation as a process metric can be realized in two phases. In the first phase DI can be calculated for a particular project based on the shop floor defect count. The second phase of DI enables the software company to predict depth of inspection using a mathematical modelling scheme. DI (Y) variable depends on four mutually independent variables (x1 to x4) and on four process coefficients (β_1 , β_n). The four variables are the four process parameters which are inspection time, inspection preparation time, number of inspectors and experience level of inspectors. The second phase of DI prediction requires a minimum of five projects to evaluate the process coefficients using pivot solutions like least square technique. With stabilized process coefficients and chosen process parameter value, it is now possible to predict DI for any project (Pi) based on a mathematical model where the properties of the company are evaluated on a regression basis. Our invention shows the modified approach of software inspection where the process is measured using DI metric in software industry for the benefit of Software Engineering world.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2010

(21) Application No.3101/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ENERGY BREEDING MACHINE AND POWER SAVING EQUIPMENT

(51) International classification	:H02N	(71) Name of Applicant : 1)M.M. NAINA EXPORTS (P) LTD. Address of Applicant :POST BOX NO. 1888, NO. 99, (OLD NO. 48), SECOND FLOOR ARMENIAN STREET,CHENNAI - 600 001 Tamil Nadu India
(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	

(57) Abstract :

Energy breeding machine and power equipments wherein additional energy is generated from the oscillation power systems without further fuel by employment of the principles of leverage and mass fluid movement wherein the operating motion or energy supplied is multiplied further by adding weight plates and mounting containers filled with fluids with little place inside for fluid leverage making mass fluid movement mounted on continuous oscillation lever plates creating and transmitting additional energy through the lever system mounted with generator for generating electricity or using additional energy directly in operating power looms, water pumps, air compressors, etc.,,

No. of Pages : 8 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2010

(21) Application No.3168/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LASER LIGHT SOURCE

(51) International classification	:H01S3/00	(71) Name of Applicant : 1)SUMITOMO ELECTRIC INDUSTRIES, LTD. Address of Applicant :5-33, KITAHAMA 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0041 Japan
(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)KAKUI, MOTOKI
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 a laser light source having a structure for effectively suppressing generation of an optical surge upon a restart after suspension of output of pulsed light. The laser light source comprises a first light source outputting light with a first wavelength as pulsed light, a second light source outputting light with a second wavelength different from the first wavelength, an optical amplification fiber as an optical amplifier amplifying the pulsed light outputted from the first light source and the light outputted from the second light source, and a control unit controlling the output of the light from the second light source in accordance with the light output from the first light source. The first light source has an ON state in which repetitive output of the pulsed light on a fixed cycle starts and continues, and an OFF state in which the output of the pulsed light is suspended during a duration of not less than the fixed cycle. The control unit controls the second light source to output the light to the optical amplification fiber during the duration of the first light source being in the OFF state, so as to suppress a rise of population inversion of a rare earth element added in the optical amplification fiber.

No. of Pages : 34 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/11/2010

(21) Application No.3571/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AIR CAR (DIESEL CAR RUN WITH COMPRESSED AIR)

(51) International classification	:B60R	(71) Name of Applicant : 1)FR. KOMMAREDDY. VIJAY KUMAR REDDY Address of Applicant :C/O CJITS, COLOMBONAGAR, YESWANTHAPUR(PO), JANGAON(MD), WARANGAL-506 167 Andhra Pradesh India
(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	

(57) Abstract :

Scientists overwhelmingly agree that in order to prevent the most devastating consequences of global warming, harmful emissions worldwide must be significantly reduced. The first step in this direction is initiation of Zero Emission. Development of zero emission vehicles is also the major challenge in the field of automobile engine research. The main requirement of this engine is not to produce any exhaust gases. Though we have the alternative resources like electric vehicles and fuel cell vehicles, the cost to pay is remarkably high. Compressed air is a choice for the zero emission vehicles. In a conventional diesel car engine the chemical energy is converted into presser energy which in turn converted into mechanical work out put. Our Air car is running with compressed air with a pressure range of 60bar. In this car, a new cam shaft is introduced which convert four stroke engine cycle to two stroke engine cycle. The power is generated within two strokes only.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2010

(21) Application No.3622/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : INDOXACARB IRS

(51) International classification

:C07D

(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)TAGROS CHEMICALS INDIA LIMITED

Address of Applicant :JHAVER CENTRE, RAJAH ANNAMALAI BUILDING, IVTH FLOOR, 72, MARSHALLS ROAD, EGMORE, CHENNAI -600 008. Tamil Nadu India

(72)Name of Inventor :

1)DR. SHAHABUDDIN

2)RAJAIAH SRIKRISHNAN

3)R. KUPPUSWAMI

(57) Abstract :

The invention relates to use of Indoxacarb and applications of Indoxacarb when used as Indoor Residual Spray.

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/10/2010

(21) Application No.3238/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HIGH SPEED MICROPROCESSOR DESIGN AND IMPLEMENTATION

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

(71)Name of Applicant :

1)Rajagiri School of Engineering & Technology

Address of Applicant :Rajagiri Valley PO Kochi - 682039

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(72)Name of Inventor :

1)Pramod Govindan

2)Arathi Sreevalsam Gokulanathan

3)Anju Suresh

4)Anna Mary Mathew

5)Anisha Natarajan

(57) Abstract :

Microprocessor design and implementation is disclosed. This invention relates to microprocessors, and more particularly to design and implementation of microprocessors. Existing microprocessors employ a number of clock cycles for the execution of the instructions and thus leading to slowing down speed of execution. The microprocessor disclosed herein increases the speed of execution by providing specific hardware modules in the ALU of the processor. Further, the hardware modules are provided with a pre-defined set of instructions for enabling the hardware modules to increase the speed of execution. The microprocessor employs 4 stage pipelining, parallel processing techniques to increase the execution speed.

No. of Pages : 53 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2010

(21) Application No.3614/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A PALLET ASSEMBLY

(51) International classification	:B65D	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ILLINOIS TOOL WORKS INC.
(32) Priority Date	:NA	Address of Applicant :3600 WEST LAKE AVENUE, GLENVIEW, ILLINOIS - 60026-1215 U.S.A.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)HARINARAYANAN S. NAIR
Filing Date	:NA	2)RAVINDRAKUMAR GUPTA
(87) International Publication No	: NA	3)SHRIKAR UMESH TRIKANNAD
(61) Patent of Addition to Application Number	:NA	4)ALOK GOYAL
Filing Date	:NA	5)YEDIDA RAMACHANDRA PADMANABHAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a pallet assembly having a top plate and a base plate. The top plate and base plate are identical, which allows the interchangeability of these two parts in the assembly. Detachable leg runners are provided below the base plate and each leg runner has at least two leg projections which are protectively enclosed by detachable leg covers. The leg covers are adapted to be securely connected and locked with the base plate such that the base plate is fastened together with the leg runners. According to this construction, the leg projections are not exposed to damage when the pallet is being fork lifted and/or transported. Corner protectors are provided at each corner of the pallet to extend between the top and base plate in a specially formed groove in the top and base plate. Separator sheets are used to separate the different layers of the pallet assembly.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2010

(21) Application No.3748/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DETERMINISTIC MTU SETTING ON LINK AGGREGATION PORTS

(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 :

1)Alcatel Lucent

Address of Applicant :Alcatel-Lucent 3 av. Octave Grard
75007 Paris France

(72)Name of Inventor :

1)Prashant Pandey

2)Sandeep Sreerangam

(57) Abstract :

Deterministic MTU setting on Link aggregation ports. The present invention relates to communication protocols and, more particularly, to the IEEE 802.3ad communication protocol. Embodiments disclosed herein ensure consistent behaviour across all the member links of the aggregated link to provide a deterministic behaviour and provides a consistent MTU size coming out of each of the member link of the aggregated link. When a link in a device is to be added to an aggregated link, the device checks if an MTU value has been configured on the aggregated link. If an MTU value has been configured, then the device tunes the MTU of the link to the MTU value. The device then adds the link to the aggregated link.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.3844/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NAVIGATION DEVICE - CHECKING AUTHORIZATION FOR BORDER CROSSING

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)ROBERT BOSCH ENGINEERING AND BUSINESS
SOLUTIONS LIMITED**

Address of Applicant :123, INDUSTRIAL LAYOUT,
HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Karnataka India

2)ROBERT BOSCH GMBH

(72)Name of Inventor :

1)SREEJA ARUNKUMAR

(57) Abstract :

The invention relates to a navigation device (10) in a vehicle. The invention proposes a device and method to check for authorizations when the said vehicle needs to cross border of a state/country. Some states/countries may need specific authorizations for the vehicles to enter into the said state/country. The navigation device (10) comprises a checking means (12), a first database (13) containing a list of states/countries whose border crossing needs authorization, a second database (14) to store authorizations, a menu (16) to store/modify the second database 14. When the vehicle needs to cross a border, the checking means (12) checks whether the said border crossing needs an authorization. If an authorization is required, then the checking means 12 checks in the second database 14 whether a valid authorization exists. If there is no valid authorization existing in the second database 14, then the checking means (12) checks for the locations where the required authorization can be obtained. The location along with the cost Information is displayed to the user. The user may select the said location as a destination.

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2010

(21) Application No.3709/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A STYLUS AND AUXILIARY CORE FOR REDUCING THE SCRATCHING OF PANEL

(51) International classification	:G11B
(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)WU JHUO-NIAN

Address of Applicant :Rm. 6 25F No. 164 Minquan Rd.
Central Dist. Taichung City 400 Taiwan (R.O.C.)

(72)Name of Inventor :

1)WU JHUO-NIAN

(57) Abstract :

A stylus for reducing the scratching of panel, comprising: a stylus holder body and a stylus core; the stylus core can be removably installed into the stylus holder body, and also provided with a core head made of soft fiber used for touching the panel; the present invention allows users to replace the dirty stylus core and keep the touch panel free of dust; as the core head of the stylus core for touching the touch panel is made of soft fiber, it is possible to prevent any scratching when the core head touches or slides on the touch panel.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/01/2011

(21) Application No.377/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CHAIN TERMINATED SEMI-AROMATIC POLYAMIDE

(51) International classification	:C08G69/26, B32B27/34, C08G69/28	(71) Name of Applicant : 1)ARKEMA FRANCE Address of Applicant :420 rue d'Estienne d'Orves F-92700 Colombes (FR) France
(31) Priority Document No	:0855501	(72) Name of Inventor :
(32) Priority Date	:08/08/2008	1)BRIFFAUD Thierry
(33) Name of priority country	:France	2)BLONDEL Philippe
(86) International Application No Filing Date	:PCT/FR2009/051566 :06/08/2009	
(87) International Publication No	:WO/2010/015785	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The disclosure relates to a copolyamide comprising at least two different units corresponding to following general formulation: A/X.T
A is chosen from a unit obtained from an amino acid, a unit obtained from a lactam and a unit corresponding to the formula (Ca diamine)(Cb diacid), with a representing number of carbon atoms of the diamine and b representing the number of carbon atoms of diacid, a and b each being between 4 and 36, advantageously between 9 and 18, X.T denotes a unit obtained from the polycondensation of a Cx diamine and of terephthalic acid, with x representing the number of carbon atoms of the Cx diamine, x being between 9 and 36; in addition, process for the preparation of said copolyamide; also to a composition comprising this copolyamide; and further, to the use of this copolyamide and of such a composition.

No. of Pages : 41 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.3949/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A HANDLE BAR ASSEMBLY FOR A MOTOR VEHICLE

(51) International classification	:B62D	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED Address of Applicant :JAYALAKSHMI ESTATES NO.24(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil Nadu India
(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	

(57) Abstract :

A handle bar assembly for a motor vehicle comprising a handle holder and a handle, the handle holder being attached to the handle by a spring dowel; and an adhesive joint between the surfaces of attachment.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2010

(21) Application No.3964/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND SYSTEM TO AUTOMATICALLY LOAD USER SETTINGS TO WIRELESS ULTRASOUND PROBE

(51) International classification	:A61B 1/00	(71) Name of Applicant : 1)GENERAL ELECTRIC COMPANY Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345. U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)SRINIVAS K 2)MARK STEVEN URNESS
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

An ultrasound imaging system is provided, including a beam former in communication with a transducer probe to acquire ultrasound image data for communication by a transceiver. An identity server can include a series of profiles each including a unique identifier of an external environment and a unique predefined system setting of the system. A tracking system can scan for a first tag having a unique identifier of a user of the system and for a second tag having a unique identifier of the patient. The identity server is operable to select a match of one of the series of profiles based on the acquired unique identifier and automatically communicate the profile to the transceiver for automatic activation of the system settings to the ultrasound imaging system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/12/2010

(21) Application No.4002/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR WORKFLOW AUTOMATION FOR MDT REFERRAL

(51) International classification	:G06F19/00, G06Q50/22	(71) Name of Applicant : 1)GENERAL ELECTRIC COMPANY Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)GAURI NAYAK 2)ARUN SEMALAIAPPAN 3)HIMANSHU SINGH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Certain examples provide systems, methods, and apparatus for multidisciplinary team review of a referred patient. Certain examples provide a multidisciplinary team patient referral system. The system includes a user interface to facilitate user selection of a patient for multidisciplinary review. The system includes a subscription service to generate a subscription for a user to automatically notify the user of multidisciplinary team events related to the patient based on a parameter of the subscription. The system includes a multidisciplinary meeting module to facilitate a multidisciplinary team review of the patient to develop an evaluation for the patient.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2010

(21) Application No.3165/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AUTOMATIC DATA VALIDATION AND CORRECTION

(51) International classification	:H04L29/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)CORELOGIC, INC.
(32) Priority Date	:NA	Address of Applicant :4 FIRST AMERICAN WAY, SANTA
(33) Name of priority country	:NA	ANA, CALIFORNIA 92707 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VINAYA SATHYANARAYANA
(87) International Publication No	: NA	2)SALAKA SIVANANDA
(61) Patent of Addition to Application Number	:NA	3)PEETA BASA PATI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques disclosed herein include systems and methods for data validation and correction. Such systems and methods can reduce costs, improve productivity, improve scalability, improve data quality, improve accuracy, and enhance data security. A data manager can execute such data validation and correction. The data manager identifies one or more anomalies from a given data set using both contextual information and validation rules, and then automatically corrects any identified anomalies or missing information. Identification of anomalies includes generating similar data elements, and correlating against contextual information and validation rules.

No. of Pages : 48 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2010

(21) Application No.3210/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : WAVE SPRING CLUTCH TRANSMISSION SYSTEM

(51) International classification	:B23Q
(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)LUCAS-TVS LIMITED

Address of Applicant :PADI,CHENNAI-600 050. Tamil Nadu
India

(72)Name of Inventor :

**1)KRISHNAVILASAM RAGHAVAN
ANANDAKUMARAN NAIR**

(57) Abstract :

A wave spring clutch transmission system comprising an input transmission member and an output transmission member, a wave spring encircling the input transmission member and snugly receivable in a bore of the output transmission member; an actuator disposed over, and linearly movable along, the input transmission member, the actuator being thus enabled to axially compress the said spring, to expand radially and grip the inner periphery of the said bore, thus causing a frictional torque to be applied to the output transmission member, through the said spring, when the input transmission member is rotated, the actuator, however, being linearly movable along the input transmission member, in the reverse direction, to decompress the said spring.

No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2010

(21) Application No.3598/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AUTO WASH GEAR ROLLER WALL MOUNT WET-GRINDER

(51) International classification	:B24B	(71) Name of Applicant : 1)GOVINDARAJ RAJENDRAN Address of Applicant :19, PARVATHIAMMAN KOVIL STREET, PORAYAR, PINCODE-609 307, NAGAPATTINAM DISTRICT Tamil Nadu India
(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	

(57) Abstract :

The present day wet-grinder has slip between base plate and rollers and their parts are to be removed and manually cleaned off every time after grinding and re-fixed then. They are not very compact. The gear roller of the Auto wash gear roller wall mount wet-grinder ensures positive drive with out slip. The material is taped in between the gear teeth and the grinding is quick and very effective. The rollers and gear pairs are fixed in shafts and there is no need to remove the roller and other parts for each and every grinder operation. This is no need for manual cleaning of the rollers, and the cleaning is fully automatic and well mount needs little space and looks slim and sleek.

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2010

(21) Application No.3619/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SUN REFLECTIVE SHEET

(51) International classification	:G02B	(71) Name of Applicant : 1)DINESH H. DESAI Address of Applicant :TF1, MALLIKARJUN APARTMENT, OPP. CITY HALL, BHAGYANAGAR,BELGAUM -590 006. Karnataka 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 : 1)DINESH H. DESAI
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 :

According to the invention, there is provided a reflective sheet for controlling the amount of sunlight entering a building comprising a transparent sheet with a plurality of reflecting surfaces arrayed inside the sheet at predetermined angles so that the incident sunlight is reflected back in the direction of the space rather than the surrounding environment. The reflective sheet is able to selectively allow the ambient light to enter the building. The reflective sheet is easy to manufacture can be customized depending upon the location on the globe and the results required.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.4031/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DISPLAYING MULTIMEDIA SERVICES FROM A SERVER TO MULTIPLE CLIENTS

(51) International classification	:H04N
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)SAMSUNG ELECTRONICS COMPANY

Address of Applicant :SAMSUNG ELECTRONICS
COMPANY 416 MAETAN-DONG, YEONGLONG-GU,
SUWON-SI, GYEONGGI-DO 442-742 Republic of Korea

(72)**Name of Inventor :**

1)NIYAZ N

2)SUSHIL CHAUDHARI

3)YOGESH KHULLAR

4)GAURAV MAHAJAN

(57) Abstract :

A method and system for displaying multimedia services from a server to multiple clients is provided. The method includes transmitting control information by the server to one or more clients. The method also includes assigning a channel to the one or more clients. The method further includes transmitting display information to the one or more clients using the channel. Further, the method includes receiving update information from the one or more clients using a back channel. Moreover, the method includes modifying the update information by the server and transmitting the update information to the one or more clients using a forward channel. The system includes a server and one or more clients.

No. of Pages : 20 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.3992/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD OF DISPLAYING IMAGE

(51) International classification	:H04N	(71) Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)K N ANTONY
(87) International Publication No	: NA	2)GANESHKUMAR M R
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of displaying image in an imaging system, the method comprising: obtaining an image from a detector unit; receiving a selection for orientation from a user; mechanically rotating the detector unit based on the selection for orientation; and performing a digital image rotation on the image complementing the mechanical rotation of the detector unit such that the image is rotated to the orientation selected by the user; and displaying the image.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.4030/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SMART SEARCH

(51) International classification	:G06F	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG ELECTRONICS COMPANY
(32) Priority Date	:NA	Address of Applicant :416 MAETAN-DONG, YEONTONG-GU, SUWON-SI, GYEONGGI-DO 442-742 Republic of Korea
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)RIDHI CHUGH
Filing Date	:NA	2)MADHUSHANKAR KS
(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 :

A system for smart search of objects comprises an electronic device equipped with a camera and a smart search database. The camera, enabled for smart search of objects, captures snapshots of a plurality of objects at periodic time intervals. The captured snapshots are stored in the database for smart search of the objects. In an embodiment, a method of smart search of objects comprises the steps of capturing snapshots of an object at different orientations and distances by an electronic device equipped with a camera and registering the objects in the smart search database. The method of smart search further configures time intervals for capturing the snapshots of the objects and the captured snapshots of the objects are stored in the smart search database. Further, the electronic devices are synchronized and the database is updated with the snapshots of the objects with timestamp and location of the objects.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.5426/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FLUE GAS PURIFYING DEVICE

(51) International classification	:F01N3/08	(71) Name of Applicant :
(31) Priority Document No	:2009-020324	1)MITSUBISHI HEAVY INDUSTRIES, LTD.
(32) Priority Date	:30/01/2009	Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 108-8215 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/051045	1)TANOURA, MASAZUMI
Filing Date	:27/01/2010	2)MUTA, KENJI
(87) International Publication No	:WO 2010/087369	3)DANNO, MINORU
	A1	4)KATSUKI, MASATOSHI
(61) Patent of Addition to Application Number	:NA	5)UJIHARA, YUUKO
Filing Date	:NA	6)UENO, DAISHI
(62) Divisional to Application Number	:NA	7)FUJINAGA, TAKASHI
Filing Date	:NA	8)KATO, EIJI
		9)ASAMI, SHINICHIRO
		10)AOKI, TADASHI
		11)MORIYAMA, KAGEHARU

(57) Abstract :

An object of the present invention is to provide a flue gas purifying device that can efficiently decrease nitrogen oxides in flue gas. This object is solved by including: an exhaust pipe that guides flue gas discharged from a burning appliance; a urea-water injecting unit that injects urea water into the exhaust pipe; a catalytic unit arranged on a downstream side to a position where urea water is injected in a flow direction of flue gas and having a urea SCR catalyst; a first ammonia-concentration measuring unit that measures a concentration of ammonia in flue gas at a measurement position in a region where the catalytic unit is arranged; a second ammonia-concentration measuring unit arranged on a downstream side to the catalytic unit in a flow direction of the flue gas, to measure a concentration of ammonia in the flue gas having passed through the urea SCR catalyst; and a control unit that controls injection of urea water by the urea-water injecting unit based on measurement results acquired by the first and second ammonia-concentration measuring units.

No. of Pages : 60 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/08/2011

(21) Application No.6062/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : STABILIZATION OF COSMETIC COMPOSITIONS

(51) International classification	:A61K8/35
(31) Priority Document No	:09151614.6
(32) Priority Date	:29/01/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/051011
Filing Date	:28/01/2010
(87) International Publication No	:WO 2010/091963 A2
(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)HERZOG, BERND

2)GRUMELARD, JULIE

(57) Abstract :

Disclosed is the Use of UV absorbers selected from (a1) diphenylacrylates; and (a2) hydroxyphenyl triazines of formula R1 is -O-R5; -COOR6; or -CO-NHR7; R2 is -O-R8; -COOR9; or -CO-NHR10; R3 is-O-R11;-COOR12;or-CO-NHR13; R5, R6, R7, Re, R9, R10, R11, R12 and R13 independently from each other are C1-C18alkyl; R4 is hydrogen; or hydroxy; and x is 0; or 1; for stabilizing cosmetic compositions comprising an organic UV absorber selected from (b1) a benzophenone derivatives of formula R14 and R15 independently from each other are;C1-C20alkyl; C2-C20alkenyl; C3-C10cycloalkyl; C3-C10cycloalkenyl; or R14 and R15 together with the linking nitrogen atom form a 5- or 6-membered heterocyclic ring; n1 is a number from 1 to 4; when n1 = 1, R16 is a saturated or unsaturated heterocyclic radical; hydroxy-C1-C5alkyl; cyclohexyl optionally substituted with one or more C1-C5alkyl; phenyl optionally substituted with a heterocyclic radical, aminocarbonyl or C1-C5alkylcarboxy; when n1 is 2, R16 is an alkylene-, cycloalkylene alkenylene or phenylene radical which is optionally substituted by a carbonyl- or carboxy group; a radical of formula or R16 together with A forms a bivalent radical of the formula (2a); wherein n2 is a number from 1 to 3; when n1 is 3, R16 is an alkanetriyl radical; when n, is 4, R16 is an alkanetetrayl radical; A is -O-; or -N(R17); and R17 is hydrogen; C1-C5alkyl; or hydroxy-C1-C5alkyl; (b2) a benzotriazole derivative of formula wherein T1 is optionally phenyl-substituted C1-C12alkyl; and (b3) a triazine derivative of formula , wherein is a radical of formula (4a) R17 and R21 independently from each other are hydrogen; C1-C16alkyl; or C6-C12aryl; R18, R19 and R20 independently from each other are hydrogen; or a radical of formula wherein, in formula (4a), at least one of the radicals R18, R19 and R20 are a radical of formula (4c); R22, R23, R24, R25 and R26 independently from each other are hydrogen; hydroxy; halogen; C1-C18alkyl; C1-C18alkoxy; C6-C12aryl; biphenyl; C6-C12aryloxy; C1-C18al-kylthio; carboxy; -COOM; CrC18-alkylcarboxyl; aminocarbonyl; or mono- or di-C1 C18alkylamino; C1-C10acylamino; -COOH; M is an alkali metal ion; x is 1 or 2; and y is a number from 2 to 10; and UV filters selected from (c1) cinnamic acid derivatives; and (c2) dibenzoylmethane derivatives.

No. of Pages : 74 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.4032/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A METHOD AND SYSTEM OF SECURED WIRELESS COMMUNICATION

(51) International classification	:H04W12/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG ELECTRONICS COMPANY
(32) Priority Date	:NA	Address of Applicant :SAMSUNG ELECTRONICS
(33) Name of priority country	:NA	COMPANY 416 MAETAN-DONG, YEONGTONG-GU,
(86) International Application No	:NA	SUWON-SI, GYEONGGI-DO 442-742 Republic of Korea
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)VINAY JOSHI
(61) Patent of Addition to Application Number	:NA	2)RAVI SINGH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In accordance with an embodiment of the invention, a method for secured communication is provided. The method includes connecting a second electronic device by a first electronic device. The method also includes detecting a first mode of the second electronic device and detecting the second mode of the second electronic device. The method of secured communication further includes notifying the first electronic device in case of an unsecured communication wherein the first electronic device and the second electronic device are on the same platform whereas the platform is configured to detect the first and the second mode of the first electronic device and the second electronic device.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.4033/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM AND METHOD OF A NUTATING DISC FOR ROTARY DRIVE

(51) International classification	:G06F1/00	(71) Name of Applicant : 1)INDISOLAR PRODUCTS PVT. LIMITED Address of Applicant :16-2-754/A/31/B/59, TIRUMALA HILLS ASMANGADH, HYDERABAD Andhra Pradesh India
(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	

(57) Abstract :

System and method of supporting a nutating disc for rotary drive is provided. The system includes frame, nutating disc arrangement, link arrangement and rotary drive arrangement. The frame includes an outer support ring. The nutating disc arrangement includes nutating disc and nutating drive pin. The link arrangement includes upper link blocks, upper link levers, lower link brackets, lower link blocks, and lower link levers. Standard rod ends can be used as an alternative to link levers. The rotary drive arrangement includes rotary drive element and rotary output shaft. The method includes performing reciprocatory motion by a plurality of pistons, transmitting the reciprocatory motion to a plurality of link levers, causing wobbling motion of a nutating disc, performing orbiting motion of a nutating drive pin based on the wobbling motion, transmitting the orbiting motion to rotary driven element, and rotating a rotary output shaft based on rotary motion.

No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6002/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : RESIDUAL AIR SPLIT DISC

(51) International classification	:H01F7/08
(31) Priority Document No	:102009001706.2
(32) Priority Date	:20/03/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/050630
Filing Date	:20/01/2010
(87) International Publication No	:WO 2010/105864
	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)ROBERT BOSCH GMBH

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STUTTGART Germany

(72)Name of Inventor :

1)RETTICH, ANDREAS

(57) Abstract :

The present subject matter relates to a magnetic assembly (10) that is used for activation of a fuel injector. The magnetic assembly (10) includes a magnetic core (22) and a magnetic sleeve (32) accommodating the magnetic core (32). A front side (26) of the magnetic core (22) is assigned to an anchor (14) and a residual air split disc (44) is inserted between the magnetic core (22) and the magnetic sleeve (32). Further, according to the present subject matter, the magnetic sleeve (32) overlaps the front side (26) of the magnetic core (22).

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6472/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NOVEL TRIAZINE DERIVATIVE AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME

(51) International classification	:C07D251/46
(31) Priority Document No	:2009-031520
(32) Priority Date	:13/02/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/051920
Filing Date	:10/02/2010
(87) International Publication No	:WO 2010/092966
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KAI, HIROYUKI

2)KAMEYAMA, TAKAYUKI

3)HASEGAWA, TSUYOSHI

4)OOHARA, MIHO

5)TADA, YUKIO

6)ENDOH, TAKESHI

(57) Abstract :

The present invention provides a novel P2X3 and/or P2X2/3 receptor antagonist. A compound represented by the formula (I): wherein Ra, Rb and Rc are, (a) Ra and Rb are taken together =Z; and Rc is a group represented by R1c; or (b) Rb and Rc are taken together to form a bond; and Ra is a group represented by -Y- R1a; R1a and R1c are each independently hydrogen, substituted or unsubstituted alkyl, etc' R2 and R3 are each independently substituted or unsubstituted aryl, etc.; R4a and R4b are each independently hydrogen, substituted or unsubstituted alkyl, etc.; X is -N(R5)-, etc.; R5 is hydrogen, substituted or unsubstituted lower alkyl, etc.; -Y- is -O-, etc.; =Z is =O, etc.; and . n is an integer of O to 4.

No. of Pages : 246 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6473/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND APPARTUS FOR PRODUCTION OF ELONGATED MEAT PRODUCTS WITHOUT CASINGS

(51) International classification	:A22C11/02	(71) Name of Applicant :
(31) Priority Document No	:61/152,576	1)MARLEN INTERNATIONAL, INC.
(32) Priority Date	:13/02/2009	Address of Applicant :9202 BARTON STREET, OVERLAND PARK, KANSAS 66214 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/023817	1)POWERS, RICHARD
Filing Date	:11/02/2010	2)ANDERSON, ADAM, E.
(87) International Publication No	:WO 2010/093741 A2	3)HARDENBURGER, PAUL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (50) is provided for the production of elongated comestible products such as hot dogs, without the use of traditional casings. The system (50) includes a circular pattern of arrays (92) of elongated, open-ended, extruded synthetic resin cooking tubes (94, 96) within a rotatable cylindrical heating drum or housing (70). The tube housing (70) and arrays (92) are incrementally rotated and at each stop position certain of the tubes (94, 96) are filled with portions of meat emulsion (590) and alternating plugs (208), while previously filled tubes (94, 96) containing cooked product are unloaded, and other unfilled tubes are internally coated with a lubricant (e.g., a mixture of lecithin and vegetable oil). Energy exchange media such as hot water and/ or steam are used within the housing to continuously cook the emulsion portions within the tubes (94, 96) to the desired extent.

No. of Pages : 64 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/12/2010

(21) Application No.4003/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR MAINTAINING ISO CENETR CONSTANT IN AN ISO CENTRIC X-RAY IMAGING SYSTEM

(51) International classification	:A61B6/00	(71) Name of Applicant : 1)GENERAL ELECTRIC COMPANY Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(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)GURUDATT. S. KAMAT
(87) International Publication No	: NA	2)HITESHKUMAR T BODA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for maintaining iso center constant while dynamically changing the area of interest during an imaging procedure is disclosed herewith. The method comprises: allowing a user to move from an initial area of interest to new area of interest by allowing permissible axes motions, permissible axes including gantry axes, table axes and tilt movement of patient table; and dynamically calculating the iso center point while moving from an initial area of interest to a new area of interest as a function of relative distance between the areas of interest and as a function of parameters indicating relative motion of permissible axes. The method further comprises: identifying the area of interest by using at least one permissible axis motion; and calculating the iso center point at the new area of interest after locking all the permissible axes motions except table tilt axis movement.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/08/2011

(21) Application No.6043/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ANALYSIS METHOD, ANALYSIS DEVICE, PROGRAM USED TO IMPLEMENT SAID ANALYSIS METHOD, AND STORAGE MEDIUM AND RETRIEVAL DEVICE FOR THIS PROGRAM

(51) International classification	:G01N35/02
(31) Priority Document No	:2009-029511
(32) Priority Date	:12/02/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/051298
Filing Date	:31/01/2010
(87) International Publication No	:WO 2010/092883
	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)ARKRAY, INC.

Address of Applicant :57, NISHI AKETA-CHO,
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8045 Japan

(72)**Name of Inventor :**

1)FURUSATO, NORIAKI

2)KUBO, KOUSUKE

(57) Abstract :

An analysis apparatus S comprises a first analysis unit A1 which collects samples by utilizing a first nozzle 4A to analyze the sample, a second analysis unit A2 which collects samples by utilizing a second nozzle 4B to analyze the sample, and a transport apparatus 2 which transports a plurality of sample vessels 30 along a predetermined transport route 29. When a predetermined waiting state is provided such that the transport of the plurality of sample vessels 30 is interrupted or stopped, then the sample collecting position is changed for at least one of the first and second nozzles 4A, 4B, and the samples B are collected from the plurality of sample vessels 30 by means of the nozzle having the changed position. Accordingly, it is possible to enhance the efficiency of the analysis process performed by the analysis apparatus S, while suppressing the transport apparatus 2 from being large-sized and suppressing the structure from being complicated.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2011

(21) Application No.6770/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HAIR DYEING COMPOSITION

(51) International classification	:A61K8/49
(31) Priority Document No	:09153589.8
(32) Priority Date	:25/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010//052097
Filing Date	:19/02/2010
(87) International Publication No	:WO 2010/097338 A3
(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)FROHLING, BEATE

(57) Abstract :

Hair dyeing composition comprising (a) a dye of formula (b) at least one dye selected from the compounds of formulae D is the radical of a diazo component of the formula (2a) K is the radical of a coupling component selected from aniline derivatives; phenol derivatives; naphthalene derivative; X is -CH= -O-; -S-; or -N(R7)-; R1, R2, R3 and R4 independently from each other are hydrogen; or C1C4alkyl; R5 and R6 independently from each other are hydrogen; C1-C4alkyl; or d-dalkoxy; R7 and R9 independently from each other are unsubstituted or OH-, C1-C4alkoxy-, halogen-, amino-, d-d-mono or-dialkylamino-substituted Ci-C4alkyl; or phenyl; R8 is hydrogen; C1-C4dalkyl; Cl; or nitro; R10 is hydrogen; C1-C4alkyl; Cl; nitro; amino; or d-C4mono- or C1-C4dialkylamino; R11 is hydrogen; C1-C4alkyl; or CN; R12 is unsubstituted or OH- or CN-substituted C1-C4dalkyl; R13 is hydrogen; or d-dalkyl; R14 and R15 independently from each other are hydrogen; C1-C4alkyl; or C1-C4alkoxy; or R14 and R15 together with the nitrogen and carbon atoms joining them together form a 5- or 6- membered ring; R16 and R20 independently from each other are hydrogen; d-dalkyl; hydroxy; Cl; nitro; amino, d-C4mono- or dialkylamino; R17, R18, R19, R21, R22 and R23 independently from each other are hydrogen; or C1-C4alkyl; R24 is hydrogen; or C1-C4alkyl; and An is a colorless anion.

No. of Pages : 54 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2011

(21) Application No.624/CHE/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR REGULATING VEHICLE SPEED

(51) International classification	:G05D
(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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Address of Applicant :ERALIL HOUSE, LPS ROAD,
PALARIVATTOM P.O, KOCHI -682 025 Kerala India

(72)Name of Inventor :

1)MR. NOBY.E.A

(57) Abstract :

The various embodiments of the present invention provide a system and method for regulating a vehicle speed within a preset speed limit. The speed regulating system comprising a memory unit to store a pre-set vehicle speed, a speed set means to update the pre-set vehicle speed, an input means to provide a voltage input, a power management unit, a main electronic circuit to control and coordinate the components of the speed regulating system, a sensor circuitry to detect and transmit data to the main electronic circuit, a voltage modulation circuit to modulate a voltage from the power management unit, a voltage adder circuit to generate an output voltage, a voltage regulation circuit to regulate the output voltage and a limping relay to alternate supply of the output voltage to the Vehicle Engine Control. The main electronic circuit controls the vehicle speed based on one or more pre-determined speed regulatory factors.

No. of Pages : 58 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6855/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PREPEGS AND MOULDINGS BODIES PRODUCED THERE FROM AT LOW TEMPERATURE

(51) International classification	:C08G18/79
(31) Priority Document No	:102009001806.9
(32) Priority Date	:24/03/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/051416
Filing Date	:05/02/2010
(87) International Publication No	:WO 2010/108723
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SCHMIDT, FRIEDRICH-GEORG

2)SPYROU, EMMANOUIL

3)GREND A, WERNER

4)DE NARDO, SEBASTIAN

5)PLANITZ-PENNO, SIBYLLE

(57) Abstract :

The invention relates to prepgs and composite components (moulding) produced therefrom at a low temperature, obtainable by using powdery highly reactive polyurethane compositions containing uretdione groups, with specific catalysts.

No. of Pages : 36 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6858/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AIR INTAKE CONTROL DEVICE FOR ENGINE

(51) International classification	:F02D9/10
(31) Priority Document No	:2009-070030
(32) Priority Date	:23/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/054324
Filing Date	:15/03/2010
(87) International Publication No	:WO 2010/110108
	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)KEIHIN CORPORATION

Address of Applicant :26-2, NISHISHINJUKU 1-CHOME,
SHINJUKU-KU, TOKYO Japan

(72)Name of Inventor :

1)MIURA, TATSUYA

2)AKIYAMA, HIROSHIGE

(57) Abstract :

In an air intake control device for an engine, a throttle body (1) includes a drum portion (la) and a flange portion (lb) protruding from an outer periphery of one end portion of the drum portion (la) and having an end surface in a substantially square form; first and second fastening bosses (2, 2') are integrally formed respectively at corner portions of the flange portion (lb), the corner portions being positioned respectively at diagonal positions of the flange portion (lb); first and second bearing bosses (9, 9') supporting a valve stem (8a) of a throttle valve (8) are formed over the flange portion (lb) and the drum portion (la); one of a full-closing-stopper boss (20) and a stay boss (15), which are positioned so as to interpose the first bearing boss (9), is continuously provided to the first fastening boss (2) in the flange portion (lb), while the other is formed in the flange portion (lb); a stopper bolt (21) for restricting a full-closing position of the throttle valve (8) is screwed to the full-closing-stopper boss (20); and a screw (16) fixing a guide tube stay (13) supporting a guide tube (12) of an operation wire (11) is screwed to the stay boss (15). With this configuration, reduction in size of the throttle body is possible.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7162/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DEVICES CONTAINING COMPOSITIONS COMPRISING CATHODICALLY COLORING ELECTROCHROMIC POLYMERS AND BINDER POLYMERS

(51) International classification	:C09K9/02	(71) Name of Applicant :
(31) Priority Document No	:61/166,331	1)CIBA CORPORATION
(32) Priority Date	:03/04/2009	Address of Applicant :540 WHITE PLAINS ROAD, TARRYTOWN, NEW YORK - 10591 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/029033	1)CLIFF, NANCY, NASE
Filing Date	:29/03/2010	2)YALE, DAVID
(87) International Publication No	:WO 2010/114793 A3	3)JANKAUSKAS, JENNIFER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Electrically active, cathodically coloring electrochromic polymers are blended with a non-electrochromic, non electrically conductive binder polymer to provide an electrochromic composition with greatly enhanced performance in an electrochromic device over time. It is also found that blending an electrochromic polymer with a non-coloring electroactive material allows for greater design in preparing electrochromic devices as it enables the use of a higher amount of typically low coloring anodic materials due to increased need for charge balancing.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/09/2011

(21) Application No.6576/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HERBICIDAL COMPOSITION

(51) International classification	:A01N25/32
(31) Priority Document No	:2009-060944
(32) Priority Date	:13/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/054723
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/104216
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)YAMATO, SEIJI

2)JIN, YOSHINOBU

(57) Abstract :

There is provided a herbicidal composition containing compound represented by the formula (I) : a compound represented by the formula (I): wherein R1 represents a C1-6 alkyl group etc., R2 represents hydrogen etc., G represents hydrogen etc., Z1 represents a C1-6 alkyl group, Z2 represents a C1-6 alkyl group, and n represents 0, 1, 2, 3 or 4; at least one compound selected from Group A consisting of metsulfuron-methyl, thifensulfuron-methyl, etc.; and at least one compound selected from Group B consisting of fenchlorazole-ethyl, cloquintocet-mexyl, and mefenpyr-diethyl.

No. of Pages : 178 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2011

(21) Application No.6756/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : IMPACT TOOL

(51) International classification	:b25b21/02
(31) Priority Document No	:2009-177116
(32) Priority Date	:29/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/063235
Filing Date	:29/07/2010
(87) International Publication No	:WO 2010/013853
	A2
(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)TAKANO, NOBUHIRO**
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- 4)IWATA, KAZUTAKA**
- 5)MASHIKO, HIRONORI**
- 6)YAMAGUCHI, HAYATO**
- 7)NAKAGAWA, ATSUSHI**
- 8)OOMORI, KATSUHIRO**
- 9)NAKAMURA, MIZUHO**
- 10)UCHIDA, HIROKI**
- 11)NAKANO, SAROMA**
- 12)ITO, YUTAKA**

(57) Abstract :

According to an aspect of the present invention, there is provided an impact tool including: a motor drivable in an intermittent driving mode; a hammer connected to the motor; an anvil to be struck by the hammer to thereby rotate/strike a tip tool; and a control unit that controls a rotation of the motor by switching a driving pulse supplied to the motor in accordance with a load applied onto the tip tool.

No. of Pages : 175 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7358/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DISPLAY APPARATUS, LIQUID CRYSTAL DISPLAY APPARATUS, DRIVE METHOD FOR DISPLAY APPARATUS, AND TELEVISION RECEIVER

(51) International classification	:G09G3/36
(31) Priority Document No	:097493/2009
(32) Priority Date	:13/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/000769
Filing Date	:09/06/2008
(87) International Publication No	:WO 2008/153003
	A1
(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)MASAE KITAYAMA

2)FUMIKAZU SHIMOSHIKIRYOH

3)KENTAROHI IRIE

(57) Abstract :

An object of the present invention is to reduce a ripple generated in an electric potential of data signal lines even in long-term reversal driving, and to thus improve display quality. A liquid crystal display apparatus of the present invention includes scanning signal lines and data signal lines, in which one scanning pulse is outputted to select one scanning signal line, each of the data signal lines receives data signals whose polarities are reversed per one vertical scanning period while in one horizontal scanning period, one of two data signal lines receives a data signal having a polarity and the other of the two data signal lines receives another data signal having another polarity, the two data signal lines being arranged adjacent to each other, scanning pulses are successively outputted in sets of two, and at a timing in which two scanning pulses (e.g. Pi and Pj) fall, two scanning pulses (e.g. Pm and Pn) rise.

No. of Pages : 130 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7419/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DYE-SENSITIZED SOLAR CELL AND DYE-SENSITIZED SOLAR CELL MODULE

(51) International classification	:H01M14/00
(31) Priority Document No	:2009-099238
(32) Priority Date	:15/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/055894
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/119775
	A1
(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)KOMIYA, RYOICHI

3)FUKUI, ATSUSHI

4)FUKE, NOBUHIRO

5)KATAYAMA, HIROYUKI

(57) Abstract :

A dye-sensitized solar cell comprising at least a catalyst layer; a porous insulating layer containing an electrolyte in the inside; a porous semiconductor layer adsorbing a sensitizing dye and containing an electrolyte in the inside; and a second conductive layer laminated on a first conductive layer, wherein a contact face between the porous insulating layer or the porous semiconductor layer and the catalyst layer or the second conductive layer laminated adjacent to each other has an uneven form with a surface roughness coefficient Ra in a range of 0.05 to 0.3mm.

No. of Pages : 75 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7513/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CARBOXYLIC ACID COMPOUND

(51) International classification	:C07C43/225
(31) Priority Document No	:2009-103765
(32) Priority Date	:22/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057034
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/123016
	A1
(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)URANO, YASUHARU

6)WATANABE, HIDEYUKI

(57) Abstract :

The present invention has an object to provide a compound having a GPR40 agonistic activity, which is useful as a pharmaceutical composition, an insulin secretion promoter, or an agent for preventing/treating diabetes. [Means for Solution] The present inventors have extensively studied a compound having a GPR40 agonistic activity, and as a result, they have found that the compound (I) of the present invention W a pharmaceutically acceptable salt thereof, in which a carboxylic acid is bonded to a bicyclic or tricyclic moiety through methylene, and further, a benzene ring substituted with a monocyclic 6-membered aromatic ring is bonded to a bicyclic or tricyclic moiety through -O-methylene or -NH-methylene, has an excellent GPR40 agonistic activity. They have also found that the compound has an excellent insulin secretion promoting action and strongly inhibits increase in the blood glucose after glucose loading, thereby completing the present invention.

No. of Pages : 149 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7416/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CATALYST FOR PRODUCTION OF HYDROGEN AND PROCESS FOR PRODUCING HYDROGEN USING THE CATALYST, AND CATALYST FOR COMBUSTION FO AMMONIA, PROCESS PRODUCING THE CATALYST AND PROCESS FOR COMBUSTING AMMONIA USING THE CATALYST

(51) International classification	:B01J23/78
(31) Priority Document No	:2009-064879
(32) Priority Date	:17/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/054560
Filing Date	:17/03/2010
(87) International Publication No	:WO 2010/107065
	A1
(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)KIRISHIKI, MASARU

4)TSUNEKI, HIDEAKI

5)KITAGUCHI, SHINYA

(57) Abstract :

Disclosed is a catalyst which can be used in the process for producing hydrogen by decomposing ammonia, can generate heat efficiently in the interior of a reactor without requiring excessive heating the reactor externally, and can decompose ammonia efficiently and steadily by utilizing the heat to produce hydrogen. Also disclosed is a technique for producing hydrogen by decomposing ammonia efficiently utilizing the catalyst. Specifically disclosed is a catalyst for use in the production of hydrogen, which is characterized by comprising an ammonia-combusting catalytic component and an ammonia-decomposing catalytic component. Also specifically disclosed is a catalyst for use in the production of hydrogen, which is characterized by comprising at least one metal element selected from the group consisting of cobalt, iron, nickel and molybdenum.

No. of Pages : 99 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.7654/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYNTHESIS OF 3-{[(2R)-1-METHYLPYRROLIDIN-2-YL]METHYL}-5-[2-(PHENYLSULFONYL)ETHYL]-1H-INDOLE

(51) International classification	:C07D403/06
(31) Priority Document No	:MI2009A000678
(32) Priority Date	:22/04/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2009/064850
Filing Date	:09/11/2009
(87) International Publication No	:WO 2010/121673
	A1
(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)SERAFINI, SIRO

2)CASTELLIN, ANDREA

3)DAL SANTO, CLAUDIO

(57) Abstract :

The present invention refers to the synthesis of 3-{[(2R)-1-methylpyrrolidin-2-yl]methyl}-5-[2-(phenylsulfonyl)ethyl]-1H-indole, a drug known by the name Eletriptan, or of its salts. In particular, the present invention regards a process for the synthesis of Eletriptan or of its salt, comprising the following steps: a) Salifying the intermediate of formula (6) using a dicarboxylic acid to obtain a derived salt; b) Optionally, purifying said raw salt obtained according to step a) by solvent crystallization to obtain a purified salt of the intermediate of formula (6); c) Converting said salt of the intermediate of formula (6) according to step a) or said purified salt according to step b) into an intermediate of formula (10); d) Converting the intermediate of formula (10) into Eletriptan or its salt.

No. of Pages : 56 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8047/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LIQUID CRYSTAL PANEL AND LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification	:G02F1/1343
(31) Priority Document No	:2009-131557
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/001756
Filing Date	:11/03/2010
(87) International Publication No	:WO 2010/137217
	A1
(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)MITSUHIRO MURATA

3)TAKEHISA SAKURAI

4)TADASHI OHTAKE

5)SHUICHI KOZAKI

(57) Abstract :

A liquid crystal panel (2) includes: a p-type liquid crystal material sandwiched between a pair of substrates (40, 20); and pixel electrodes (13), each formed from a comb electrode, and a common electrode (14) both provided to the substrate (40). A p-type liquid crystal material is aligned in a direction perpendicular to substrate surfaces while no electric field is applied. The comb electrodes each have an electrode width of not more than 5 μ m and an electrode spacing of not more than 15 μ m. The pixel electrode (13) and the common electrode (14) serve to apply to the p-type liquid crystal material an electric field parallel to the substrate surface. A voltage of not less than 7 V is applied between the pixel electrode (13) and the common electrode (14) when the liquid crystal panel is driven. The p-type liquid crystal material has, in a range from 0.9 to 2.5, a product of a dielectric anisotropy $\Delta\epsilon$ and a refractive index anisotropy Δn .

No. of Pages : 63 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8048/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LIQUID CRYSTAL PANEL, METHOD FOR MANUFACTURING SAME, AND LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification	:G02F 1/1343
(31) Priority Document No	:2009-131558
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003007
Filing Date	:27/04/2009
(87) International Publication No	:WO 2010/137235
	A1
(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)TADASHI OHTAKE

6)MASAKO NAKAMURA

(57) Abstract :

A liquid crystal panel (2) includes: a pair of substrates (10, 20) which face each other; a liquid crystal layer (30) sandwiched by the pair of substrates (10, 20); and an upper electrode (14) and a lower electrode (12) which are provided on one surface (10) of the pair of substrates (10, 20) and overlap each other via an insulating layer (13), the upper electrode (14) being constituted by comb electrodes (14A, 14B), an average electrical energy being not less than 0.44J/m³ in a part of the liquid crystal layer which part is 0.1 mm deep from a surface of the other one (20) of the pair of substrates (10, 20) and which part overlaps the comb electrodes (14A, 14B) when the liquid crystal layer (30) is viewed from a direction vertical to a substrate surface.

No. of Pages : 109 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2010

(21) Application No.3629/CHE/2010 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MODULE AND METHOD FOR MONITORING AND CONTROLLING AN ELECTRICAL DISTRIBUTION SYSTEM

(51) International classification	:H04L29/00	(71) Name of Applicant : 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant :35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON France
(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)ARUL KUMERESH 2)MARUTHARAJ GANESAN
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 a module (1) for monitoring and controlling an electrical distribution system comprising: - a plurality of intelligent electronic devices (IEDs) (2) for monitoring and controlling various parameters of said electrical distribution system, - a plurality of embedded devices (3) in communication with each other through ethernet network and housed in electrical rooms (6) of said electrical distribution system, - at least a web enabled device (4), accessible by the user, in communication with one of said embedded devices, and - a network device (5) for linking one of said embedded devices with said web enabled device. The present invention also relates to a method for monitoring and controlling an electrical distribution

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2011

(21) Application No.6747/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DISPERSION SLOPE COMPENSATION METHOD AND APPARATUS

(51) International classification	:H04B10/18
(31) Priority Document No	:200910008750.2
(32) Priority Date	:06/03/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/070127
Filing Date	:12/01/2010
(87) International Publication No	:WO 2010/099706 A1
(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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4)LIU HAO

(57) Abstract :

Embodiments of the present invention disclose a dispersion slope compensation method and apparatus, which relates to the field of communication. The method includes: performing dispersion slope compensation on a main optical channel; and dividing the main optical channel into a preset number of sub-bands, and performing the dispersion slope compensation on each sub-band. The apparatus includes: a main optical channel compensation module, a band-division module and a compensation module. The method and apparatus have the following beneficial effects. The dispersion slope compensation is performed on the main optical channel, and then band division is performed on the main optical channel after the compensation, and the dispersion slope compensation is performed on each sub-band. The configuration of the method is simple, the number of the sub-bands is few, and the cost is dramatically reduced as compared with the dispersion slope compensation method in the prior art.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6860/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : OPTICAL DATA STORAGE MEDIA CONTAINING SUBSTANTIALLY INERT LOW MELTING TEMPERATURE DATA LAYER

(51) International classification	:G11B7/242
(31) Priority Document No	:61/208,728
(32) Priority Date	:27/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025676
Filing Date	:26/02/2010
(87) International Publication No	:WO 2010/099498 A3
(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)LINFORD, MATTHEW, R.

6)LUNT, BARRY, M.

7)WORTHINGTON, MARK, O.

(57) Abstract :

Optical information media that contain a data layer material that is substantially inert to oxidation and has a defined melting point range are disclosed. The inertness to oxidation and melting point range make the media particularly attractive for long-term information storage.

No. of Pages : 27 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7509/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR PRODUCING 2-HALOGENO-6-SUBSTITUTED-4-TRIFLUOROMETHYLPYRIDINE

(51) International classification	:C07D213/61
(31) Priority Document No	:2009-100749
(32) Priority Date	:17/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056657
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/119886
	A1
(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)IKEGUCHI, MASAHIKO

(57) Abstract :

The present invention relates to a process for producing a 2-halogeno-6-substituted-4-trifluoromethylpyridine. Specifically, the present invention > provides a process for producing a 2-halogeno-6-substituted-4-trifluoromethylpyridine represented by the formula (I): in which X is a chlorine atom, a bromine atom, or an iodine atom; R is alkyl, alkenyl, alkynyl, phenyl which may be substituted with A, benzyl which may be substituted with A, or cycloalkyl; and A is alkyl, alkoxy, a fluorine atom, or a chlorine atom, which comprises allowing a 2,6-dihalogeno-4-trifluoromethylpyridine represented by the formula (II): in which X is defined above, and a Grignard reagent represented by the formula (III): RMgX, in which R and X are defined above, to react with each other in the presence of a solvent.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8059/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : TWO-DIMENSIONAL SYMBOL CODE AND METHOD FOR READING THE SYMBOL CODE

(51) International classification	:G06K19/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/054271
Filing Date	:08/04/2009
(87) International Publication No	:WO 2010/115464
	A1
(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)WEIS, TORBEN
4)PAULI, JOSEF
5)HERWIG, JOHANNES**

(57) Abstract :

The specification describes a two-dimensional symbol code for representing binary data, which symbol code is constructed from a plurality of graphical symbols arranged next to one another, wherein the symbol code is formed from precisely two different symbols having the same surface area which differ in their areal brightness distribution and each code a value from a binary data word. The symbols have a complementary brightness distribution. In a method for reading this two-dimensional system code, the system code has a filter applied to it which matches the brightness distribution of one of the two complementary symbols, wherein in the event of a match one symbol is recognized and in the event of no match the other symbol is recognized.

No. of Pages : 140 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7072/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COMMUNICATION APPARATUS, COMMUNICATION METHOD AND COMMUNICATION SYSTEM

(51) International classification	:G06F17/30	(71) Name of Applicant :
(31) Priority Document No	:2009-092905	1)SONY CORPORATION
(32) Priority Date	:07/04/2009	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO 1080075 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/055272	1)TOMOAKI TAKEMURA
Filing Date	:25/03/2010	
(87) International Publication No	:WO 2010/116894	
	A1	
(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 communication apparatus, a communication method, and a communication system able to share content on the basis of metadata. A storage unit 105 retains content. A registration processor 106 generates metadata related to the content and registers the generated metadata in a database. An uploader 104 requests another communication apparatus via a network for content retained by the other communication apparatus on the basis of metadata generated by the other communication apparatus. A downloader 103 supplies content retained by the storage unit 105 via the network to the other communication apparatus requesting on the basis of metadata generated by the registration processor 106. The present invention can be applied to a recording and playback apparatus able to record or play back content, for example.

No. of Pages : 85 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7480/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ADDITIVE EFFECT ENHANCED HYDROGEN PEROXIDE DISINFECTION METHOD AND APPARATUS

(51) International classification	:A01N25/00	(71) Name of Applicant :
(31) Priority Document No	:61/160,488	1)ATRION MEDICAL PRODUCTS, INC.
(32) Priority Date	:16/03/2009	Address of Applicant :1426 CURT FRANCIS ROAD, P.O.
(33) Name of priority country	:U.S.A.	BOX 564, ARAB ALABAMA 35016 U.S.A.
(86) International Application No	:PCT/US2010/022227	(72) Name of Inventor :
Filing Date	:27/01/2010	1)KANNER, ROWLAND W.
(87) International Publication No	:WO 2010/107518 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method which enhances a disinfection process by obtaining an additive effect from energy and byproducts of the decomposition process. Also disclosed are contact lens disinfecting systems, wherein the systems are configured to create the desirable elevated pressure, oxygen saturation and sustained peroxide concentration conditions within a contact lens holding and reaction chamber, in order to enhance disinfection by additive effect. The systems are configured to provide that an elevated pressure is maintained in the reaction chamber before venting occurs.

No. of Pages : 104 No. of Claims : 106

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8062/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ISOXAZOLE-THIAZOLE DERIVATIVES AS GABA A RECEPTOR INVERSE AGONISTS FOR USE IN THE TREATMENT OF COGNITIVE DISORDERS

(51) International classification	:C07D417/06
(31) Priority Document No	:09159411.9
(32) Priority Date	:05/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/055693
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/127974
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)JAKOB-ROETNE, ROLAND

2)LUCAS, MATTHEW C.

3)THOMAS, ANDREW

(57) Abstract :

The present invention is concerned with isoxazole-thiazole derivatives of formula I, having affinity and selectivity for GAB A A $\alpha 5$ receptor, their manufacture, pharmaceutical compositions containing them and their use as therapeutically active substances. The active compounds of the present invention are useful as cognitive enhancer or for the therapeutic and/or prophylactic treatment of cognitive disorders like Alzheimer's disease.

No. of Pages : 155 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8065/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR PRODUCING 3-(2-CYANO1-PROPENYL)-2,2-DIMETHYLCYCLOPROPANE CARBOXYLIC ACID OR SALT THEREOF

(51) International classification	:C07C253/30
(31) Priority Document No	:2009-091874
(32) Priority Date	:06/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056487
Filing Date	:05/04/2010
(87) International Publication No	:WO 2010/117072
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**

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1)UEKAWA, TORU

2)OHSHITA, JUN

3)KOMOTO, ICHIRO

4)YOSHIKAWA, KOUJI

(57) Abstract :

A process for producing comprising reacting a 3-formyl-2,2-dimethylcyclopropanecarboxylate and propionitrile in the presence of a base to obtain 3-(2-cyano-1-propenyl)-2,2-dimethylcyclopropanecarboxylic acid or its salt.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8066/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD OF FABRICATING A METALLIC MICROSTRUCTURE AND MICROSTRUCTURE OBTAINED IN ACCORDANCE WITH THIS METHOD

(51) International classification	:C25D1/00	(71) Name of Applicant :
(31) Priority Document No	:09162638.2	1)NIVAROX-FAR S.A.
(32) Priority Date	:12/06/2009	Address of Applicant :AVENUE DU COLLEGE 10, 2400 LE LOCLE Switzerland
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/057255	1)FUSSINGER, ALEXANDRE
Filing Date	:26/05/2010	
(87) International Publication No	:WO 2010/142529	
	A1	
(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 a method of fabricating a plurality of metallic microstructures, characterized in that it includes the steps consisting in: a) taking a conductive substrate or an insulating substrate coated with a conductive seed layer; b) applying a layer of photosensitive resin over the conductive part of the substrate surface; c) flattening the surface of the photosensitive resin layer to the desired thickness and/or surface state; d) irradiating the resin layer through a mask defining the contour of the desired microstructure; e) dissolving the non-polymerized areas of the photosensitive resin layer to reveal, in places, the conductive surface of the substrate; f) the galvanic deposition of at least one layer of a metal from said conductive layer to form a unit substantially reaching the upper surface of the photosensitive resin; g) flattening the resin and the electroformed metal to bring the resin and the electroformed units to the same level and thereby form electroformed parts or microstructures; h) separating the resin layer and the electroformed parts from the substrate; and i) removing the layer of photosensitive resin from the structure obtained at the end of step g) to release the microstructures thereby formed.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.7551/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PREPARATION OF SHAPED METAL PARTICLES AND THEIR USES

(51) International classification	:B01J13/00
(31) Priority Document No	:09156050.8
(32) Priority Date	:24/03/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/053473
Filing Date	:17/03/2010
(87) International Publication No	:WO 2010/108837 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)BASF SE

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(72)Name of Inventor :

1)GRIGORENKO, NIKOLAY, A.

2)MUHLEBACH, ANDREAS

(57) Abstract :

The instant invention relates to shaped transition metal particles, in particular in the form of a dispersion in an aqueous and/or organic medium, the manufacture thereof and their use as an infrared (IR) absorbing agent, an IR curing agent for coatings, an additive in conductive formulations, an antimicrobial agent or for sensing organic and/or inorganic compounds. Further, the invention relates to dispersions comprising said shaped particles and an aqueous and/or organic medium, such as a thermoplastic or crosslinkable polymer, as well as to antimicrobial compositions and products.

No. of Pages : 51 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.7635/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FUEL INJECTOR

(51) International classification	:F02M47/02
(31) Priority Document No	:09158532.3
(32) Priority Date	:22/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/055390
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/122125
	A2
(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)LECLUSE, ERIC

2)ENTER, RICHARD

3)BIMBENET, BRUNO

(57) Abstract :

A fuel injector for an internal combustion engine, the fuel injector comprising: an injector body of substantially elongate form and defining an injector body axis; an injector nozzle disposed at one end of the injector body; and a plurality of element connector means for providing fluid and/or electrical connection into and/or out of the fuel injector wherein at least some of the element connector means are arranged to be rotatable relative to one another about the injector body axis.

No. of Pages : 34 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.7637/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : EPOXIDATION REACTIONS AND OPERATING CONDITIONS THEREOF

(51) International classification	:C07D301/22
(31) Priority Document No	:61/171,104
(32) Priority Date	:21/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031694
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/123856 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)HABENSCHUSS, MICHAEL

2)SOO, HWALI

3)HINMAN, PAUL

4)LIU, ALBERT

(57) Abstract :

A method of producing an alkylene oxide includes passing a reaction mixture comprising alkylene, oxygen and a gaseous chlorine-containing promoter species over a supported catalyst containing silver and a promoting amount of rhenium to undergo an epoxidation reaction at a first operating condition. The method further includes subsequently performing the epoxidation reaction at a preferred operating condition. The preferred operating condition is characterized by an efficiency of the epoxidation reaction toward the alkylene oxide where the efficiency is lower than that of a maximum efficiency achievable at an operating temperature corresponding to the preferred operating condition.

No. of Pages : 53 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.7984/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ATTENUATING OUT OF BAND ENERGY EMITTED FROM SEISMIC SOURCES

(51) International classification	:G01V1/38
(31) Priority Document No	:61/167,454
(32) Priority Date	:07/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027102
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/117550 A2
(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)LAWS, ROBERT

2)HOPPERSTAD, JON-FREDRIK

3)KRAGH, JULIAN, EDWARD

(57) Abstract :

A method for attenuating out of band energy emitted from a seismic source used in a marine seismic survey. The method includes disposing the seismic source in a body of water and releasing a gas into a volume of water surrounding the seismic source. The released gas may be configured such that it displaces the volume of water surrounding the seismic source at a rate less than 2.9×10^6 cubic-meters per cubic-second.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8073/CHEP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR BETA-LACTONE PRODUCTION

(51) International classification

:C08G63/82

(31) Priority Document No

:61/167,711

(32) Priority Date

:08/04/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/030230

Filing Date

:07/04/2010

(87) International Publication No

:WO 2010/118128 A1

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

(71)Name of Applicant :

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(72)Name of Inventor :

1)ALLEN, SCOTT, D.

2)VALENTE, RONALD, R.

3)LEE, HAN

4)CHERIAN, ANNA, E.

5)BUNNING, DONALD, L.

6)CLINTON, NYE, A.

7)FRUCHEY, OLAN, STANLEY

8)DOMBEK, BERNARD, DUANE

(57) Abstract :

The present application provides a method for producing an beta-lactone product. The method includes the steps of: reacting an epoxide, a solvent with a carbonylation catalyst and carbon monoxide to produce a reaction stream comprising a beta-lactone then separating a portion of the beta-lactone in the reaction stream from the solvent and carbonylation catalyst to produce: i) a beta-lactone stream with the beta-lactone, and ii) a catalyst recycling stream including the carbonylation catalyst and the high boiling solvent; and adding the catalyst recycling stream to the feed stream.

No. of Pages : 92 No. of Claims : 114

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8076/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ISOXAZOLE-PYRIDINE DERIVATIVES

(51) International classification	:C07D413/12
(31) Priority Document No	:09159457.2
(32) Priority Date	:05/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/055695
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/127976
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JAKOB-ROETNE, ROLAND

2)LUCAS, MATTHEW C.

3)THOMAS, ANDREW

(57) Abstract :

The present invention is concerned with isoxazole-pyridine derivatives of formula I, having affinity and selectivity for GABA A $\alpha 5$ receptor, their manufacture, pharmaceutical compositions containing them and their use as medicaments. The active compounds of the present invention are useful as cognitive enhancer or for the therapeutic and/or prophylactic treatment of cognitive disorders like Alzheimer's disease.

No. of Pages : 66 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8091/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : IMPROVED AMINO ACID SEQUENCES DIRECTED AGAINST IL-6R AND POLYPEPTIDES COMPRISING THE SAME FOR THE TREATMENT OF IL-6R RELATED DISEASES AND DISORDERS

(51) International classification	:C07K16/28
(31) Priority Document No	:61/168,410
(32) Priority Date	:10/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/054764
Filing Date	:12/04/2010
(87) International Publication No	:WO 2010/115998
	A3
(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)BEIRNAERT, ELS ANNA ALICE

2)VERVERKEN, CEDRIC JOZEF NEOTERE

3)KOLKMAN, JOOST ALEXANDER

4)VAN ROY, MAARTEN

(57) Abstract :

The present invention relates to amino acid sequences that are directed against/and or that can specifically bind Interleukin-6 Receptor (IL-6R) with improved affinity and/or avidity, and/or that have an improved efficacy and/or potency, and which are capable of (partially, or preferably totally) blocking the IL-6/IL-6R interaction and/or inhibit signalization through IL-6, IL-6R and/or the IL-6/IL-6R complex. The invention further relates to compounds or constructs, and in particular proteins and polypeptides, that comprise or essentially consist of one or more such amino acid sequences. The invention also relates to nucleic acids encoding such amino acid sequences and polypeptides, to methods for preparing such amino acid sequences and polypeptides, to host cells expressing or capable of expressing such amino acid sequences or polypeptides, to compositions, and in particular to pharmaceutical compositions, that comprise such amino acid sequences, polypeptides, nucleic acids and/or host cells, and to uses of such amino acid sequences or polypeptides, nucleic acids, host cells and/or compositions, in particular for prophylactic, therapeutic or diagnostic purposes.

No. of Pages : 465 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8092/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PYRROLO [2,3,B] PYRIDINES WHICH INHIBIT RAF PROTEIN KINASE

(51) International classification	:C07D471/04
(31) Priority Document No	:61/176,054
(32) Priority Date	:06/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033571
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/129567 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)IBRAHIM, PRABHA, N.

2)SPEVAK, WAYNE

3)CHO, HANNA

4)SHI, SOUGYUAN

5)WU, GUOXIAN

(57) Abstract :

Compounds and salts thereof, formulations thereof, conjugates thereof, derivatives thereof, forms thereof and uses thereof are described. In certain aspects and embodiments, the described compounds or salts thereof, formulations thereof, conjugates thereof, derivatives thereof, and forms thereof are active on each of BRAF and c-Raf-1 protein kinase, and may also be active on either or both of A-Raf and B-Raf V600E protein kinase. Also described are methods of use thereof to treat diseases and conditions, including melanoma, colorectal cancer, thyroid cancer, ovarian cancer, and biliary tract cancer.

No. of Pages : 134 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8093/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A CIRCULATING FLUIDIZED BED BOILER

(51) International classification	:F23C10/10
(31) Priority Document No	:20095399
(32) Priority Date	:09/04/2009
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2010/050281
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/116039
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)LANKINEN, PENTTI

2)KAUPPINEN, KARI

3)KINNUNEN, PERTTI

(57) Abstract :

A circulating fluidized bed boiler (10), comprising a rectangular furnace (12) which is horizontally enclosed by a front wall (16), a back wall (161) and two sidewalls (14, 14'), multiple particle separators (18, 18') connected to the upper portion of each of the front wall (16) and the back wall (16'), wherein each particle separator comprises a gas outlet (34, 34'), and a flue gas duct system (26) connected to the gas outlets for conducting cleaned flue gas to a back pass (28), wherein the particle separators are arranged in pairs of particle separators, wherein each pair of particle separators includes a front separator (18) arranged adjacent to the front wall (16) and a back separator (181) arranged adjacent to the back wall (16'), and in that the flue gas duct system comprises cross over ducts (32, 32', 32), each cross over duct connecting the gas outlet (34) of a front separator (18) of a pair of particle separators, across and over the furnace, to the gas outlet (34') of the back separator (18') of the same pair of particle separators, and to the back pass (28), which back pass (28) is arranged on the back wall side of the furnace (12).

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8096/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ARRANGEMENT FOR ATTACHING A MAGNET TO A ROTOR AND A ROTOR

(51) International classification	:H02K1/27
(31) Priority Document No	:20095515
(32) Priority Date	:07/05/2009
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2010/050364
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/128210
	A2
(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)MAKI-ONTTO, PETRI

2)TYLLINEN, YRJO

3)KANNINEN, PEKKA

(57) Abstract :

In an arrangement in accordance with the invention for attaching a permanent magnet to an electrical machine's rotor, the rotor (1) comprises at least two magnetic poles (2), and there is a pole gap (13) between two magnetic poles (2). Permanent magnets (4) are installable on the surface of the magnetic core (3). A pole piece (5) is installable on the permanent magnet (4) side facing the air gap (6). There is fixing means (9a-b) on the sides (8) of the pole piece (5) facing the pole gap (13) for attaching the pole piece (5) to the rotor (1) using the locking parts (10a-g), and the fixing means (9a-b) are connected to the pole piece (5) through an articulated joint.

No. of Pages : 20 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8067/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MEDICINAL INHALATION DEVICE

(51) International classification	:C23C16/32
(31) Priority Document No	:61/175,887
(32) Priority Date	:06/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033847
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/129753 A1
(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)BLATCHFORD, CHRISTOPHER, G.

5)LIETZAU, VICKI, M.

6)KELLY, JEAN, A.

7)IYER, SURESH

(57) Abstract :

A medicinal inhalation device or a component thereof having a diamond-like glass coating comprising hydrogen and on a hydrogen free basis about 20 to about 40 atomic percent of silicon, greater than 39 atomic percent of carbon, and less than 33 down to and including zero atomic percent of oxygen.

No. of Pages : 79 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8069/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : TOY PIANO

(51) International classification	:A63H33/00
(31) Priority Document No	:12/419,707
(32) Priority Date	:07/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001025
Filing Date	:05/04/2010
(87) International Publication No	:WO 2010/117441 A2
(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)TRINCA, LEONARD

(57) Abstract :

In order to be able to salvage toy pianos that have become damaged during shipping, a structure and process for manufacture of toy pianos has been developed wherein (1) stop piece (or block members) are permanently affixed to certain side forming members, allowing certain other side forming members to be non-permanently affixed thereto via connectors non-permanently anchored to said block members; (2) horizontal slits are provided near the bottom of certain side members to fit over edges of the bottom member, allowing the edges of said bottom member to firmly but non-permanently nest therein; and (3) vertical grooves are provided near ends of certain side members to fit over ends of certain other side members, allowing the ends of said certain other side members to firmly but non-permanently nest therein. These innovations each assist, and together greatly facilitate, the production of a toy piano that is solid and durable in structure while simultaneously allowing easy replacement of damaged parts. Rather than the entire piano needing to be discarded the damage part can simply be removed and a new piece put in its place.

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8070/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A VIBRATING SENSOR HAVING TWO CHANNELS ACTIVATED IN SEQUENCE

(51) International classification	:G01C19/56
(31) Priority Document No	:09/02213
(32) Priority Date	:07/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/056254
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/128138 A1
(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)ROSELLINI, LIONEL

(57) Abstract :

A vibrating sensor comprising a base (1) and an axisymmetrical resonator (2) secured to the base, the base and the resonator being associated with electrodes (3, 4) connected to a control circuit (5) via at least a first connection channel (6.1) and a second connection channel (6.2) with the electrodes being connected to one or other of the channels, the control circuit comprising excitation electronics (7) and detection electronics (8) and being arranged to control an excitation stage and a detection stage on each of the connection channels, the excitation stages and the detection stages having substantially identical respective durations, the sensor being characterized in that the control circuit is arranged to perform the following sequence: excitation stage on the second connection channel; detection stage on the first connection channel; excitation stage on the first connection channel; detection stage on the second connection channel.

No. of Pages : 9 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8071/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : Z-HYDROXYETHYL-1 H-QUINOLIN-2-ONE DERIVATIVES AND THEIR AZAISOSTERIC ANALOGUES WITH ANTIBACTERIAL ACTIVITY

(51) International classification	:C07D491/056	(71) Name of Applicant : 1)ACTELION PHARMACEUTICALS LTD. Address of Applicant :GEWERBESTRASSE 16, CH-4123 ALLSCHWIL Switzerland
(31) Priority Document No	:PCT/IB2009/051510	
(32) Priority Date	:09/04/2009	
(33) Name of priority country	:PCT	
(86) International Application No	:PCT/IB2010/051517	
Filing Date	:08/04/2010	
(87) International Publication No	:WO 2010/116337	
	A1	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)HUBSCHWERLEN, CHRISTIAN 2)RUEEDI, GEORG 3)SURIVET, JEAN-PHILIPPE 4)ZUMBRUNN ACKLIN, CORNELIA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to antibacterial compounds of formula I wherein R1 represents alkoxy; each of U and V represents CH and W represents CH or N, or U represents N, V represents CH and W represents N, or each of U and V represents N and W represents CH; R2 represents hydrogen or fluorine when W represents CH or R represents hydrogen when W represents N; A represents O or CH2; Y represents CH or N; Q represents O or S; and n represents 0 or 1; and salts of such compounds.

No. of Pages : 57 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8110/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : THERMOPLASTIC STIFFENING MATERIALS

(51) International classification	:A43B13/04
(31) Priority Document No	:10 2009 020 036.3
(32) Priority Date	:05/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002536
Filing Date	:24/04/2010
(87) International Publication No	:WO 2010/127781 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)BK GIULINI GMBH

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LUDWIGSHAFEN Germany

(72)Name of Inventor :

1)JARGER, HENRLETTE

2)DEILECKE, MICHAEL

(57) Abstract :

The present invention relates to novel thermoplastic reinforcement materials, particularly for the shoe industry, and a method for the production thereof. The novel thermoplastic reinforcement materials are obtained by a preliminary production step of pre-agglomeration of plant fiber filler materials and thermoplastic hot-melt adhesives, so-called filler-plastic compounds, allowing filler materials originating from very inexpensive, naturally occurring plant fibers of varying origins to be used, but in an amount up to 65% by weight, without losing the required material properties, such as strength under heat, good flexural rigidity, and surface adhesion.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8111/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR PREPARING AN AROMATIC AMINE AND APPARATUS THEREFOR

(51) International classification	:C07C209/86
(31) Priority Document No	:09159617.1
(32) Priority Date	:07/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056209
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/128118
	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)BASF SE

Address of Applicant :67056, LUDWIGSHAFEN Germany

(72)Name of Inventor :

1)STEINMETZ, TILMANN

2)NILLES, MICHAEL

3)KONIGSMANN, LUCIA

4)HEUSSLER, ANDREAS

5)ZAFRED, NIKOLAUS

(57) Abstract :

The invention relates to a process for obtaining at least one aromatic amine from a liquid mixture comprising water and the at least one aromatic amine by extracting with at least one nitroaromatic in an extraction column (1) to form an essentially water- comprising raffinate stream and an extract stream comprising the at least one nitroaromatic and the aromatic amine. The extraction column (1) is divided by a dividing wall (3) into two regions (5, 7), and, in the case of an amount of liquid for separation which is less than a minimum cross sectional loading of the entire extraction column (1), the liquid mixture to be separated is fed only to one of the regions (5, 7) of the extraction column (1) divided by the dividing wall (3). The invention further relates to a process for preparing an aromatic amine and to an apparatus for separating a liquid mixture comprising water and at least one aromatic amine by extracting with at least one nitroaromatic, comprising an extraction column (1).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8112/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification	:G02F1/133	(71) Name of Applicant :
(31) Priority Document No	:106782/2009	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:24/04/2009	Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/002787	1)KENTARO IRIE
Filing Date	:16/04/2010	2)MASAE KAWABATA
(87) International Publication No	:WO 2010/122753	3)FUMIKAZU SHIMOSHIKIRYOH
Number	A1	4)HIROTO SUZUKI
Filing Date	:NA	5)TOSHIHIDE TSUBATA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a case where each of R, G, and B pixels continuously display identical gray scales (1023 gray scale) in a liquid crystal display device in which a thickness of liquid crystal layers are of R pixel > G pixel > B pixel, the R pixel is alternately supplied with a positive signal potential (SHR1023) and a negative signal potential (SLR1023), the G pixel is alternately supplied with a positive signal potential (SHG1023) and a negative signal potential (SLG1023), and the B pixel is alternately supplied with a positive signal potential (SHB1023) and a negative signal potential (SLB1023). A first middle value (SMR1023) that is a middle value of SHR1023 and SLR1023 is set higher than a second middle value (SMG1023) that is a middle value of SHG1023 and SLG1023, which second middle value (SMG1023) is set higher than a third middle value (SMB1023) that is a middle value of SHB1023 and SLB1023.

According to the present invention, it is possible to compensate a difference in feed-through voltage between the R, G, and B pixels, thereby improving the problem of image sticking.

No. of Pages : 92 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8113/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ISOXAZOLE PYRIDINE DERIVATIVES AS GABA MODULATORS

(51) International classification	:C07D413/12
(31) Priority Document No	:09159631.2
(32) Priority Date	:07/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/055701
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/127978
	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)F. HOFFMANN-LA ROCHE AG

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(72)Name of Inventor :

1)BUETTELMANN, BERND

2)JAKOB-ROETNE, ROLAND

3)KNUST, HENNER

4)LUCAS, MATTHEW C.

5)THOMAS, ANDREW

(57) Abstract :

The present invention is concerned with novel isoxazole derivatives of formula I wherein X, R1, R2, R3 and R4 are as described herein, as well as pharmaceutically acceptable salts and esters thereof. The active compounds of the present invention have affinity and selectivity for GABA A a5 receptor. Further the present invention is concerned with the manufacture of the active compounds of formula I, pharmaceutical compositions containing them and their use as medicaments.

No. of Pages : 63 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8114/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : 6-(3-AZA-BICYCLO[3.1.0]HEX-3-YL)-2-PHENYL-PYRIMIDINES

(51) International classification	:C07D403/14	(71) Name of Applicant :
(31) Priority Document No	:PCT/IB2009/051486	1)ACTELION PHARMACEUTICALS LTD.
(32) Priority Date	:08/04/2009	Address of Applicant :GEWERBESTRASSE 16, CH-4123
(33) Name of priority country	:PCT	ALLSCHWIL Switzerland
(86) International Application No	:PCT/IB2010/051499	(72) Name of Inventor :
Filing Date	:07/04/2010	1)CAROFF, EVA
(87) International Publication No	:WO 2010/116328	2)HILPERT, KURT
	A3	3)HUBLER, FRANCIS
(61) Patent of Addition to Application Number	:NA	4)MEYER, EMMANUEL
Filing Date	:NA	5)RENNEBERG, DORTE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to 6-(3-aza-bicyclo[3.1.0]hex-3-yl)-2-phenyl-pyrimidine derivatives and their use as P2Y12 receptor antagonists in the treatment and/or prevention of peripheral vascular, of visceral-, hepatic- and renal-vascular, of cardiovascular and of cerebrovascular diseases or conditions associated with platelet aggregation, including thrombosis in humans and other mammals.

No. of Pages : 106 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8115/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN ARRANGEMENT FOR EXCHANGING POWER

(51) International classification	:H02J3/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/054330
Filing Date	:09/04/2009
(87) International Publication No	:WO 2010/115471
	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)ABB TECHNOLOGY AG

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ZURICH Switzerland

(72)Name of Inventor :

1)HASLER, JEAN-PHILIPPE

(57) Abstract :

An arrangement for exchanging power with a three-phase electric power network (1) comprises a Voltage Source Converter (6) having three phase legs (7-9) with each a series connection of switching cells (10). The three phase legs are interconnected in a neutral point (22) by forming a wye-connection. The arrangement also comprises a device (27) connected to the neutral point (22) of the converter and configured to provide a current path for a zero-sequence current. A control unit (25) is configured to calculate a value for amplitude and phase position for a zero-sequence current for which, when added to said three phase legs upon generation of a negative-sequence current, the resulting energy stored in energy storing capacitors (19) in each phase leg will be constant and to control semiconductor devices of said switching cells to add such a zero-sequence current to the currents of each phase leg of the converter.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8104/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ANTIMYCOTIC PHARMACEUTICAL COMPOSITION

(51) International classification	:A61K9/08
(31) Priority Document No	:2009-111549
(32) Priority Date	:09/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056884
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/117091
	A3
(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, HIROKAZU

2)KOSUGI, EIKO

3)KUBOTA, NOBUO

(57) Abstract :

In a pharmaceutical composition for external use containing a compound such as Miconazole and/or a salt thereof, comprised are a higher alcohol which is in a liquid state at 1 atm and 25 °C. and/or a diester of a dibasic acid, provided that a diester carbonate is excluded, and a polyoxyethylene alkyl ether and/or a polyoxyethylene alkenyl ether. Provided is a preparation using a solvent other than crotamiton, propylene carbonate, and N-methyl-2-pyrroridone as a solvent for solubilization and steric stabilization and having the following properties: 1) when a compound represented by the general formula (1) and/or a salt thereof has a stereoisomer, the amount of the stereoisomer of the compound and/or a salt thereof produced under a preservation condition of 60 degrees C. for 3 weeks is 1% by mass or less with respect to the total mass of the compound and/or a salt thereof at the beginning of preservation; 2) the preparation is in a clear liquid state when preserved at a constant temperature of 20°C. immediately after manufacture; and 3) no crystal is deposited when the preparation is preserved at 5°C. for 2 weeks after manufacture.

No. of Pages : 48 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8149/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AN ASSEMBLY SYSTEM FOR CONNECTING FURNITURE ELEMENTS

(51) International classification	:A47B57/56
(31) Priority Document No	:09005163.2
(32) Priority Date	:08/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054668
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/115967 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)SAUER, STEEN

Address of Applicant :C/O PEPESA-HOLDING,
FREDERIKSBERG ALLE 19B, 1820 FREDERIKSBERG
Denmark

(72)Name of Inventor :

1)SAUER, STEEN

(57) Abstract :

The present invention relates to a system for assembling a piece of furniture. The system comprises an elongated track element including a recessed bottom wall having a plurality of equidistantly spaced apart indentations and opposite front flanges defining there between a channel. The system further includes a fitting element having a main portion defining a front surface and opposite rear surface, an arresting pin extending from the rear surface, and a transversal bar extending parallel with the front and rear surfaces. The fitting element is arrested relative to the elongated track element in a three-step operation. The first step involving positioning the fitting element in front of the channel and introducing the transversal bar into the channel. The second step involves rotating the fitting element while maintaining the transversal bar within the channel. The third step involves receiving the arresting pin within a single indentation of the bottom wall.

No. of Pages : 56 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8151/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : VARIABLE POWER OPTICAL SYSTEM

(51) International classification	:G02B15/00
(31) Priority Document No	:61/168,523
(32) Priority Date	:10/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029069
Filing Date	:29/03/2010
(87) International Publication No	:WO 2010/117731 A2
(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)NEIL, IAIN A

2)JANNARD, JAMES H.

(57) Abstract :

Liquid lens cells are used in a compound variable power optical system that forms an intermediate image between the object and the final image. A first variable power optical component is located between the object and an intermediate real image. The first variable power optical component varies power to change the magnification of the intermediate real image. A second variable power optical component is located between the intermediate real image and the final image. The second variable power optical component varies power to change the magnification of the final image. At least one of the first and second variable power optical components is stationary on the optical axis and comprises at least two liquids with different refractive properties and at least one variable shape contact surface between the two liquids, with variations in the shape of the contact surface producing a change of optical power in the optical system.

No. of Pages : 19 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8152/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR THE MANUFACTURE OF A PHOTOVOLTAIC DEVICE

(51) International classification	:H01G9/20
(31) Priority Document No	:EP09005268
(32) Priority Date	:10/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/002106
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/115584
	A3
(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)TATA STEEL UK LIMITED

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(72)**Name of Inventor :**

1)WATSON, TRYSTAN

2)MABBETT, IAN

3)WORSLEY, DAVID ANTHONY

(57) Abstract :

The invention relates to a method for the manufacture of a working electrode for use in a dye sensitized solar cell (DSC) comprising the consecutive steps of: providing a conductive substrate having a first side and a second side, depositing a paste comprising a metal oxide, a solvent and optionally a binder onto the first side of the conductive substrate, removing the solvent, optionally removing the binder, sintering the metal oxide, sensitizing the metal oxide with a dye. According to the present invention removing at least part of the binder in a single step and/or sintering the metal oxide is performed using electromagnetic radiation having a wavelength in the range of 200nm to 3000nm, said irradiation causing the substrate to heat up rapidly and transfer the heat to the paste.

No. of Pages : 17 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8118/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF RUTHENIUM METATHESIS COMPLEX CATALYSTS

(51) International classification	:C07F15/00
(31) Priority Document No	:09159600.7
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/055649
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/127964
	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)F. HOFFMANN-LA ROCHE AG

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(72)Name of Inventor :

1)DOPPIU, ANGELINO

2)KARCH, RALF

3)PUENTENER, KURT

4)RIVAS-NASS, ANDREAS

5)SCALONE, MICHELANGELO

6)WINDE, ROLAND

7)WOERNER, EILEEN

(57) Abstract :

The invention relates to a novel process for the preparation of Ruthenium metathesis catalysts of the formula I Ruthenium metathesis catalysts have been widely applied in the synthesis of macrocyclic drug compounds.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8157/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SPHERICAL TOILET CLEANER BLOCKS, METHOD FOR THE PRODUCTION THEREOF, AND CLEANING HOLDER COMPRISING SPHERICAL TOILET CLEANER BLOCKS

(51) International classification	:C11D1/83
(31) Priority Document No	:102009003088.3
(32) Priority Date	:13/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/056239
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/130645
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

- 1)WARKOTSCH, NADINE**
- 2)GIESEN, BRIGITTE**
- 3)ERNST, ANKE**
- 4)SCHRECKER, SASCHA**
- 5)REICHERT, CHRISTIAN**
- 6)BUTTER-JENTSCH, RALPH**
- 7)MUHLHAUSEN, HANS-GEORG**

(57) Abstract :

A toilet cleaner block, containing perfume, at least one non-ionic surfactant, at least one alkylbenzene sulfonate, and at least one olefin sulfonate, can be shaped into a rotationally symmetrical body, in particular a sphere, in a rolling machine or a press and is part of a system consisting of at least one toilet cleaner block and at least one dispenser device for application.

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8159/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ORAL CARE METHOD AND KIT

(51) International classification	:A61K31/155
(31) Priority Document No	:61/176,788
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033902
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/129795 A1
(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)WLASCHIN, KATIE F.

2)DOMBROWSKI, ALAN R.

3)SCHOLZ, MATTHEW T.

4)PARTHASARATHY, RANJANI, V.

(57) Abstract :

A method of moisturizing while decolonizing mammalian tissue, the method comprising applying a multi-valent cationic antiseptic composition to the tissue, and applying a moisturizer composition to at least a portion of the same tissue; wherein the mammalian tissue is oral tissue of a subject; wherein the multi-valent cationic antiseptic is other than a metal ion; and wherein the applied compositions essentially exclude any component which causes a precipitate when combined with a multi-valent cationic antiseptic contained in the multi-valent cationic antiseptic composition when tested according to Test Method F, and/or wherein the moisturizer composition is such that a log reduction in the number of viable bacterial cells of at least 2 is provided when 106 cfu of *Pseudomonas aeruginosa* are combined with a mixture 1.1 g of the moisturizer composition and 1.5 g of the multi-valent cationic antiseptic composition containing 0.12 weight percent of the multi-valent cationic antiseptic according to Test Method B; an oral care kit comprising a composition comprising the multi-valent cationic antiseptic and the moisturizer composition; and a method of moisturizing oral tissue of a patient requiring intubation using the moisturizer composition and an endotracheal tube coated or impregnated with a cationic antiseptic are provided.

No. of Pages : 96 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8231/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SOLAR BATTERY PANEL INSPECTION APPARATUS, METHOD OF INSPECTING SOLAR BATTERY PANEL, AND METHOD OF MANUFACTURING SOLAR BATTERY PANEL

(51) International classification	:H01L31/04
(31) Priority Document No	:2009-099217
(32) Priority Date	:15/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056530
Filing Date	:12/04/2010
(87) International Publication No	:WO 2010/119841
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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OSAKA-CHI, OSAKA 545-8522 Japan

(72)**Name of Inventor :**

1)TACHIBANA, SHINSUKE

2)SHIMIZU, AKIRA

(57) Abstract :

A solar battery panel inspection apparatus is an apparatus for inspecting a solar battery panel (100) including a transparent insulating substrate (2) having a main surface (2u), and a transparent electrode layer (3), a semiconductor photoelectric conversion layer (4) and a back electrode layer (5) which are sequentially stacked and having an outer circumferential insulating region (21) in which the main surface (2u) is exposed, to check the insulation performance of the outer circumferential insulating region (21). The solar battery panel inspection apparatus includes the first terminal (31) to be brought into contact with the back electrode layer (5); the second terminal (32) to be brought into contact with a region of or in proximity to an outer circumferential edge of the outer circumferential insulating region (21); one or more third terminals (33, 33a, 33b, 33c) to be brought into contact with the outer circumferential insulating region (21) between the first terminal (31) and the second terminal (32); a voltage application unit (34) for applying a voltage each between two terminals selected from these terminals; and a current detection unit (35) detecting a current flowing between the two terminals to which a voltage is applied.

No. of Pages : 46 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8099/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PRODUCT OF THE SIZING OF PAPER

(51) International classification	:D21H21/16
(31) Priority Document No	:09157679.3
(32) Priority Date	:09/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/FI2010/050288
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/116044
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)LACKINGER, ELISABETH

2)MOLLER, KLAUS

3)SARTORI, JURGEN

4)SCHMID, LEO

(57) Abstract :

The present invention relates to a paper sizing agent and emulsion comprising a maleated vegetable oil size wherein at least 50% by weight of the total fatty acids of the triglycerides are monounsaturated. The invention also relates to a process for the preparation of such maleated vegetable oil size.

No. of Pages : 26 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.8525/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NEW THERAPEUTICAL USES OF INECALCITOL

(51) International classification	:A61K31/593
(31) Priority Document No	:61/179,906
(32) Priority Date	:20/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/056832
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/145903
	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)HYBRIGENICS SA

Address of Applicant :3/5 IMPASSE REILLE, 75014 PARIS
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(72)Name of Inventor :

1)DELANSORNE, REMI

2)DUFOUR-LAMARTINIE, JEAN-FRANCOIS

(57) Abstract :

The present invention thus concerns a method for treating and/or preventing rickets, osteoporosis, osteomalacia, psoriasis, autoimmune diseases such as multiple sclerosis or type I diabetes, hyperparathyroidism, benign prostate hyperplasia, any type of cancer or any vitamin D relevant disease comprising administering inecalcitol at doses comprised between 1 mg/day and 100 mg/day to a human patient in need thereof.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.8684/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : APPARATUS EMPLOYING PRESSURE TRANSIENTS FOR TRANSPORTING FLUIDS

(51) International classification	:F04B17/00
(31) Priority Document No	:2009 2071
(32) Priority Date	:27/05/2009
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO2010/000190
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/137991 A8
(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)NBT AS

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(72)Name of Inventor :

1)PAULSEN, JIM-VIKTOR

(57) Abstract :

The invention relates to an apparatus employing pressure transients for transporting fluids comprising at least one partly enclosed space (201,301,501,601,606,701,1101,1201), at least one body (202,302,502,602,607,702,1102,1202) in said at least one partly enclosed space, where said at least one body is movable relatively to the interior of said at least one partly enclosed space, at least one opening (204,205,304,404,504,604,605,704,705,1104, 1204) in said at least one enclosed space which allows a fluid to flow alternately in the direction into and out of said at least one partly enclosed space, at least one first conduit (211,311,411,511,513,611,711,1111,1211) and at least one second conduit (212, 312,412,512,514,612,712,1112,1212) in fluid communication with at least one of said at least one opening, at least one first reservoir 231.331.431.531.533.631.731.1131.1231) and at least one second reservoir 232.332.432.532.534.632.732.1132.1232) connected to said at least one first conduit and at least one second conduit respectively, at least one first mechanical unit (221.321.421.521.523.621.721.1121.1221) and at least one second mechanical unit (222.322.422.522.524.622.722.1122.1222) in said at least one first conduit and at least one second conduit respectively, where said at least one first mechanical unit only allows flow in said at least one first conduits from said at least one first reservoir and towards said at least one partly enclosed space, and said at least one second mechanical unit only allows flow in said.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.8735/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR ELIMINATING SPIKES OF MERCURY EMISSIONS

(51) International classification	:B01D53/10
(31) Priority Document No	:12/473,766
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036506
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/138783 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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Address of Applicant : VIGERSLEV ALLE 77, VALBY, DK-2500 COPENHAGEN Denmark

(72)**Name of Inventor :**

1)JEPSEN, OVE, LARS

2)PAONE, PETER T.

3)SALMENTO, JOHN S.

(57) Abstract :

A method for the reduction of mercury emissions from an industrial plant that utilizes a cement or minerals kiln that has a high level of mercury emissions during specific operating conditions. The invention reduces a large spike in mercury emissions typically seen in cement kiln systems when the in-line raw mill is shut-down and all preheater gases are vented to the stack directly. The invention diverts the preheater gases to a cooling device that functions as an adsorption reactor to provide mercury absorption during periods when the raw mill is not in operation.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.8738/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR THE MANUFACTURE OF DIALKYL PHOSPHITES

(51) International classification	:C07F9/141
(31) Priority Document No	:09161390.1
(32) Priority Date	:28/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057437
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/136575
	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)STRAITMARK HOLDING AG

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Switzerland

(72)**Name of Inventor :**

1)LEMIN, DAVID

2)COGELS, SAMUEL CORENTIN

3)NOTTE, PATRICK

(57) Abstract :

A method for the manufacture of dialkyl phosphites by reacting a P-O component containing from 1 to 6 P-O-P bonds in the molecule, with an alcohol and a ketal corresponding to a selected formula, said ketal will not lead to the formation of an enol structure. The level of the ketal is expressed in relation to the level of co-reactants. A preferred ketal is void of any carbon- hydrogen bonds on the α-carbon atom in the ketal structure.

No. of Pages : 15 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8405/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : RESOURCE SCHEDULING METHOD AND SYSTEM BASE STATION AND RELAY NODE

(51) International classification

:H04W28/00

(31) Priority Document No

:200910082030.0

(32) Priority Date

:17/04/2009

(33) Name of priority country

:China

(86) International Application No

:PCT/CN2010/071864

Filing Date

:19/04/2010

(87) International Publication No

:WO 2010/118705 A1

(61) Patent of Addition to Application

:NA

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)ZANG, WENJIAN
2)PAN, XUEMING
3)SHEN, ZUKANG
4)XIAO, GUOJUN
5)WANG, LIBO**

(57) Abstract :

The present invention discloses a resource scheduling method and system, a BS and a RN, which include that: the BS allocates an uplink subframe for performing uplink transmission of a backhaul link and a downlink subframe for performing downlink transmission of the backhaul link, and informs the RN of the allocation information of the uplink subframe and the downlink subframe of the backhaul link, or the BS only informs the RN of the allocation information of the uplink subframe or the downlink subframe of the backhaul link; the RN may determine, according to the received allocation information and a predefined timing relationship, an uplink subframe and a downlink subframe of the backhaul link of which the BS does not inform. By the solution of the present invention, an MBSFN subframe can be indicated to the RN, and uplink transmission conflict can be avoided.

No. of Pages : 31 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8610/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CASE STRUCTURE FOR PORTABLE ELECTRONIC DEVICE PORTABLE ELECTRONIC DEVICE AND METHOD FOR MANUFACTURING SAME

(51) International classification	:H04M1/02
(31) Priority Document No	:2009-109336
(32) Priority Date	:28/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056907
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/125936
	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)NEC CORPORATION

Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU,
TOKYO 108-8001 Japan

(72)**Name of Inventor :**

1)KOMAKI, EISUKE

(57) Abstract :

The present invention includes: a rear case (12) that includes a quadrangular first opening (26) into which a part of a first electronic component (21) to be housed inside the rear case (12) is inserted, and a rear panel arranged at a position where the rear panel covers the first opening (26) of the rear case (12). The rear case (12) includes a recess portion (30) extending from an inner peripheral side of the first opening (26) toward an outer peripheral side of the first opening (26) at each corner of the first opening (26).

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.8619/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR REGENERATION OF EXTRACTION SOLUTION IN METAL EXTRACTION PROCESSES

(51) International classification	:C22B3/30	(71) Name of Applicant :
(31) Priority Document No	:20090238	1)OUTOTEC OYJ
(32) Priority Date	:11/06/2009	Address of Applicant :RIIHITONTUNTIE 7, FI-02200 ESPPOO Finland
(33) Name of priority country	:Finland	(72) Name of Inventor :
(86) International Application No	:PCT/FI2010/050425	1)PAATERO, ERKKI
Filing Date	:26/05/2010	2)JYRKKA, KAI
(87) International Publication No	:WO 2010/142841	3)VIROLAINEN, SAMI
(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 method and apparatus for restoring the extractive potential of organic hydroxyoxime-based extraction solution used in the recovery of metals by liquid-liquid extraction. The method is two-stage, in which an aqueous solution of hydroxy-lamine or some hydroxylamine compound is used in the reaction stage, and the removal of the undesirable compounds generated in the reaction occurs in the second stage by adsorption purification. The reaction stage and the adsorptive stage are carried out in a mixing tank.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.8655/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SWITCHING UNIT FOR A CIRCUIT BREAKER HAVING A ROCKER LEVER

(51) International classification	:H01H71/70
(31) Priority Document No	:09161024.6
(32) Priority Date	:25/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/057145
Filing Date	:25/05/2010
(87) International Publication No	:WO 2010/136446
	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)ABB SCHWEIZ AG

Address of Applicant :BROWN BOVERI STRASSE 6, CH-5400 BADEN Switzerland

(72)Name of Inventor :

1)MEYER, SIEGFRIED

(57) Abstract :

In order to allow conventional circuit breakers (10), which are intended for manual operation, to also be controlled automatically from a control center, a switching unit (20) for operation of a rocker lever (12) of the circuit breaker (10) is provided on the circuit breaker (10). The switching unit (20) has a drive unit (31) with a free-play distance (L), such that a slide (30) of the drive unit (31), which slide is intended for operation of the rocker lever (12), does not impede the movement of the rocker lever (12).

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.8764/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ADJUSTING A PARAMETER OF A TERMINAL IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W28/18	(71) Name of Applicant :
(31) Priority Document No	:61/180924	1)LG ELECTRONIC INC.
(32) Priority Date	:25/05/2009	Address of Applicant :20 YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/KR2010/003287	1)CHO, HEE JEONG
Filing Date	:25/05/2010	2)RYU, Ki Seon
(87) International Publication No	:WO 2010/137845 A3	3)YUK, Young Soo
(61) Patent of Addition to Application Number	:NA	4)LEE, Hyun Woo
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method and apparatus for adjusting a parameter of a terminal in a wireless communication system. The method for adjusting a parameter of a terminal in a wireless communication system, according to one concept of the present invention, is configured such that the base station transmits, to the terminal, a ranging acknowledgement (hereinafter referred to as RNG-ACK) message including a first field which indicates whether the RNG-ACK message is transmitted in a broadcast format, and receives, from the terminal, a signal in accordance with the parameter changed in accordance with the RNG-ACK message.

No. of Pages : 64 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8153/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND DEVICE FOR DISPLAYING INFORMATION SORTED IN LISTS

(51) International classification	:G06F3/048
(31) Priority Document No	:10 2009 019 563.7
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055749
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/125119 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :38436 WOLFSBURG Germany

(72)Name of Inventor :

1)HAUSCHILD, FRANK

2)KUHN, MATHIAS

3)DEHMANN, RAINER

(57) Abstract :

The present invention relates to a method for displaying information sorted in lists, wherein on a display surface (2), a partial amount of a list (8) comprising a plurality of list entries (9) is displayed, several elements (7) in each case being at least partially associated with the list entries (9), the displayed partial amount of the list (8) being changeable by a scrolling operating process so that successively preceding or following list entries (9) can be displayed, and when a list entry (9) is selected, said list entry (9) is displayed together with at least a partial amount of the elements (7) associated with the list entry (9). The method according to the invention is characterized in that if a selected list entry (9) is displayed together with at least a partial amount of the elements (7) associated with the selected list entry (9) and the scrolling operating process is executed, successively preceding or following elements (7) are first displayed and then list entries (9) preceding or following the selected list entry (9) are displayed. The invention further relates to a device for performing the method according to the invention.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8208/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ARYLY, HETEROARYL, AND HETEROCYCLE SUBSTITUTED TETRAHYDROISOQUINOLINES AND USE THEREOF

(51) International classification	:A01N43/60
(31) Priority Document No	:61/177,464
(32) Priority Date	:12/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034373
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/132437 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)LIU, SHUANG

2)MOLINO, BRUCE, F.

3)NACRO, KASSOUM

(57) Abstract :

Novel aryl, heteroaryl, and non-aromatic heterocycle substituted tetrahydroisoquinolines are described in the present invention. These compounds are used in the treatment of various neurological and physiological disorders. Methods of making these compounds are also described in the present invention.

No. of Pages : 172 No. of Claims : 74

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.8517/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CAM APPARATUS

(51) International classification	:B21D37/08
(31) Priority Document No	:2009-136703
(32) Priority Date	:05/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003489
Filing Date	:25/05/2010
(87) International Publication No	:WO 2010/140316
	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)OILES CORPORATION

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(72)Name of Inventor :

1)SASAHARA, TADASHI

2)MIYAJI, TAKAYUKI

3)SARUGAKU, YASUHIRO

(57) Abstract :

A cam apparatus includes a cam driver 4 secured to a vertically movable upper die 2 and having an inclined surface 3; a cam slide 5 which is adapted to be moved in a direction B by coming into contact with the inclined surface 3 of the cam driver 4; a cam slide supporting means 6 for supporting the cam slide 5 movably in directions A and B; a returning mechanism 7 for returning the cam slide 5 to its initial position; and an elastic stopper member 8 for preventing the collision of the cam slide 5 against the cam slide supporting means 6 in the return of the cam slide 5 to its initial position.

No. of Pages : 27 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.8774/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CHARGED PARTICLE ANALYSERS AND METHODS OF SEPARATING CHARGED PARTICLES

(51) International classification	:H01J49/40
(31) Priority Document No	:0909233.9
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/057342
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/136534 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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BREMEN 28199, Germany

(72)Name of Inventor :

1)MAKAROV, ALEXANDER

2)GIANNAKOPULOS, ANASTASSIOS

(57) Abstract :

A method of separating charged particles using an analyser is provided, the method comprising: causing a beam of charged particles to fly through the analyser and undergo within the analyser at least one full oscillation in the direction of an analyser axis (z) of the analyser whilst orbiting about the axis (z) along a main flight path; constraining the arcuate divergence of the beam as it flies through the analyser; and separating the charged particles according to their flight time. An analyser for performing the method is also provided. At least one arcuate focusing lens is preferably used to constrain the divergence, which may comprise a pair of opposed electrodes located either side of the beam. An array of arcuate focusing lenses may be used which are located at substantially the same z coordinate, the arcuate focusing lenses in the array being spaced apart in the arcuate direction and the array extending at least partially around the z axis, thereby constraining the arcuate divergence of the beam a plurality of times as it flies through the analyser.

No. of Pages : 257 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8088/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : POWDER METAL DIE FILLING

(51) International classification	:B22F1/00
(31) Priority Document No	:61/179,125
(32) Priority Date	:18/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035095
Filing Date	:17/05/2010
(87) International Publication No	:WO 2010/135232 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)GUROSIK, JOHN, D.

2)SCHALLES, KEITH, M.

(57) Abstract :

The disclosed method provides a way to fabricate a powder metal compact implementing a top fill through one or more of the upper tool members. The top fill step allows for pre-compaction chamber, defined at least in part by at least one of the upper tool members, to be filled with a powder metal after the upper tool member is initially lowered, but before compaction of the powder metal. The manner in which the pre-compaction chamber is filled allows for the formation of complex geometries in powder metal compacts that are not obtainable using conventional lower tool powder transfer motions and further minimizes or avoids unacceptable variations in powder fill to final part ratios across the powder metal compact.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.8645/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A CONNECTION ASSEMBLY AND A BUS BAR CONNECTION

(51) International classification	:H02B1/21
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/055181
Filing Date	:29/04/2009
(87) International Publication No	:WO 2010/124728
	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)ABB AB

Address of Applicant :KOPPARBERGSVAGEN 2, SE-721 83
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(72)**Name of Inventor :**

1)LARSSON, BERTIL

2)NORD, VIKTORIA

3)EKMAN, KRISTOFFER

4)SAAW, OLLE

(57) Abstract :

A connection assembly (5) for attaching an electrical apparatus (1) to a bus bar (2). The connection assembly (5) comprises a bolt (6) and a nut (7). The bolt has a head (8) and a shaft (9) with a thread (22) and is configured to be screwed into the nut. The head has an elongated shape so as to allow the head to be introduced into a groove (10) in a bus bar through a slot (11) with the longitudinal axis of the head extending along the slot and thereafter be rotated so as to come into engagement with the groove. Frictional means is provided between the bolt and the nut to provide enough friction between the bolt and the nut for the bolt to rotate with the nut when the nut is turned if the head of the bolt by the surroundings is allowed to rotate essentially freely.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.8695/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ARRANGEMENT FOR ATTACHING A MAGNET TO A ROTOR, AND A ROTOR

(51) International classification	:H02K1/27
(31) Priority Document No	:20095581
(32) Priority Date	:27/05/2009
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2010/050356
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/136641
	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)ABB OY

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(72)**Name of Inventor :**

1)VARTIAINEN, ARI

2)MAKIONTTO, PETRI

3)KANNINEN, PEKKA

(57) Abstract :

In the arrangement in accordance with the invention for attaching a permanent magnet to an electrical machine's rotor, the rotor (1) is assembled of sheets (9) and the rotor (1) comprises at least two magnetic poles (2). Permanent magnets (4) are installable on the surface of the magnetic core (3), and a pole piece (6) assembled of sheets (10) is installable on the side of the permanent magnet (4) that faces the air gap (5). At least one channel (7a-b) passing through the pole piece (6) is built in the pole piece (6) and magnetic core (8). A tightening strip (8) is installable in the channel (7a-b). The tightening strip is attachable to the pole piece (6) using locking parts (16), and the end of the tightening strip (8) facing the magnetic core (3) comprises fixing parts (13, 14) for attaching the tightening strip (8) to the magnetic core (3).

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.8803/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : POROUS ELECTRODE, DYE-SENSITIZED SOLAR CELL, AND DYE-SENSITIZED SOLAR CELL MODULE

(51) International classification	:H01M14/00	(71) Name of Applicant : 1)SHARP KABUSHIKI KAISHA Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(31) Priority Document No	:2009-110839	
(32) Priority Date	:30/04/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/056818	(72) Name of Inventor :
Filing Date	:16/04/2010	1)FUKUI, ATSUSHI
(87) International Publication No	:WO 2010/125929	2)YAMANAKA, RYOHSUKE
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A porous electrode of the present invention is a porous electrode in which at least a first porous layer (6), an intermediate layer (4a) and a second porous layer (11) are stacked on a substrate (1) in this order, characterized in that the first porous layer (6) and the second porous layer (11) are formed of particles of the same material, and the first porous layer (6) and the intermediate layer (4a) are formed of particles of different materials from each other. Preferably, the average particle diameter of the particles constituting the first porous layer (6) differ in average particle diameter from the particles constituting the second porous layer (11).

No. of Pages : 54 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.8765/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BASE STATION APPARATUS AND INFORMATION FEEDBACK METHOD

(51) International classification	:H04J11/00
(31) Priority Document No	:2009-148997
(32) Priority Date	:23/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060610
Filing Date	:23/06/2010
(87) International Publication No	:WO 2010/150798 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)NTT DOCOMO, INC.

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CHIYODA-KU, TOKYO 100-6150 Japan

(72)Name of Inventor :

1)TAOKA, HIDEKAZU

2)KAKISHIMA, Yuichi

(57) Abstract :

To suitably transmit feedback information for rank adaptation and precoding in uplink MIMO transmission to a user apparatus as feedback, a base station apparatus (200) is characterized by having a precoding weight/rank number selecting section (232) that determines rank information associated with the number of layers of spatial multiplexing in uplink, while determining a control amount of a transmission phase and/or transmission amplitude used in weighting for transmission antennas of a user apparatus, and transmission/reception sections (206a), (206b) that transmit the rank information determined in the precoding weight/rank number selecting section (232) to a mobile station (100) using an RRC signal, while transmitting the control amount to the mobile station (100) using a control channel signal.

No. of Pages : 69 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.8768/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : TRUSTED REMOTE ATTESTATION AGENT (TRA)

(51) International classification	:G06Q20/00
(31) Priority Document No	:61/182,623
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035462
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/138358 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)EBAY, INC.

Address of Applicant :2145 HAMILTON AVENUE, SAN JOSE, CALIFORNIA 95125 U.S.A.

(72)Name of Inventor :

1)NAHARI, HADI

(57) Abstract :

Systems and methods for use with a service provider and a consumer electronic device include a trusted remote attestation agent (TRA) configured to perform a set of checking procedures to help ensure the security status of a consumer electronic device (e.g., a mobile terminal) that holds financial instruments. The checking procedures may include: self-verifying integrity, checking for presence of a provisioning SIM card (one present when enabling financial instruments on the device); checking communication connectivity between the consumer electronic device and the service provider is available and active; and checking communication connectivity to a home mobile network is available and active. Frequency of the checking mechanisms may be adjusted according to a risk-profile of a user associated with the device or the location (e.g., GPS location) of the device. The checks may be used to temporarily limit use of financial instruments from the device.

No. of Pages : 53 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.8842/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ILLUMINATION DEVICES AND METHODS OF FABRICATION THEREOF

(51) International classification	:G02B
(31) Priority Document No	:61/182,594
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036471
Filing Date	:27/05/2010
(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 MEMS Technologies Inc.

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92121 U.S.A.

(72)**Name of Inventor :**

1)BITA Ion

2)PATEL Sapna

3)CHAN Clayton Ka Tsun

4)GANTI Suryaprakash

5)ARBUCKLE Brian W.

(57) Abstract :

Illumination devices and methods of making same are disclosed. In one embodiment a display device includes a light modulating array and a light guide (803) configured to receive light into at least one edge of the light guide. The light guide can be characterized by a first refractive index. The display device can also include a light turning layer (801) disposed such that the light guide is at least partially between the turning layer and the array. The turning layer can comprise an inorganic material characterized by a second refractive index that is substantially the same as the first refractive index.

No. of Pages : 118 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.8843/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : APPARATUS AND METHOD FOR FREQUENCY GENERATION

(51) International classification	:H01L 23/498
(31) Priority Document No	:12/477,651
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037326
Filing Date	:03/06/2010
(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

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(72)**Name of Inventor :**

1)RANGARAJAN Rajagopalan

2)MISHRA Chinmaya

3)BHAGAT Maulin

4)JIN Zhang

(57) Abstract :

A wideband frequency generator has two or more oscillators for different frequency bands disposed on the same die within a flip chip package. Coupling between inductors of the two oscillators is reduced by placing one inductor on the die and the other inductor on the package separating the inductors by a solder bump diameter. The loosely coupled inductors allow manipulation of the LC tank circuit of one of the oscillators to increase the bandwidth of the other oscillator and vice versa. Preventing undesirable mode of oscillation in one of the oscillators may be achieved by loading the LC tank circuit of the other oscillator with a large capacitance such as the entire capacitance of the coarse tuning bank of the other oscillator. Preventing the undesirable mode may also be achieved by decreasing the quality factor of the other oscillators LC tank and thereby increasing the losses in the tank circuit.

No. of Pages : 35 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.8781/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : POWER-ASSISTED BICYCLE WITH REGENERATIVE FUNCTION

(51) International classification	:B62M6/55
(31) Priority Document No	:2009-110425
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057453
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/126039
	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)NTN CORPORATION

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NISHI-KU, OSAKA-SHI, OSAKA Japan

(72)**Name of Inventor :**

1)MAENO, EIJI

2)ITO, KIYOHIRO

(57) Abstract :

A power-assisted bicycle of the center motor type is proposed which includes an internally mounted transmission and has a regenerative function with the least complexity of the structure. The bicycle includes a transmission (5) comprising a planetary gear, a one-way clutch (2) for reverse input, and a clutch switching device (9), which are all mounted in a hub (1) of the drive wheel. The transmission (3) includes at least one sun gear and transmits driving force from a sprocket (7) to the drive wheel. The bicycle further includes a transmission control mechanism (10) for selectively rotationally fixing the sun gear to the axle (5) to change speed when driving force is applied. The one-way clutch (2) for reverse input is disposed between the at least one sun gear (5a) and the axle (11), and selectively rotationally fix the sun gear to the axle (11) by the operation of the clutch switching device (9) when reverse input is applied. While the bicycle is being driven, the clutch switching device (9) moves the one-way clutch (2) for reverse input to the rotatable state, so that driving force is transmitted. While the bicycle is traveling without being driven, the one-way clutch is locked, so that reverse input is transmitted to the sprocket (4).

No. of Pages : 141 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.8910/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MEDICAMENT DISPENSING DEVICE

(51) International classification

:A61M5/20

(31) Priority Document No

:61/176,128

(32) Priority Date

:07/05/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/CA2010/000694

Filing Date

:07/05/2010

(87) International Publication No

:WO 2010/127449 A1

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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CRESCENT, TORONTO, ONTARIO, M2P 1V4 Canada

(72)Name of Inventor :

1)SEGAL, ERIC

(57) Abstract :

A portable medicament dispensing device having a mechanism which is not susceptible to jamming for dispensing the medication to a user. The device employs a coupling for coupling the relative motion between reciprocating body members housing the ancillary components and a barrel plunger associated with the syringe. One embodiment provides a pivoting coupling whereas an alternate uses a rack and pinion system. The advantage of simplifying such mechanisms results in a structure which has smooth unencumbered motion with fewer parts to avoid mechanical jamming during use.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.8913/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PLATE SAW WITH CLAMPING JAW

(51) International classification	:B23D47/04
(31) Priority Document No	:20 2009 007 150.2
(32) Priority Date	:18/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/056831
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/133604
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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MINDEN Germany

(72)Name of Inventor :

1)ALTENDORF, WILFRIED

(57) Abstract :

The invention relates to a panel saw comprising a workpiece support surface with a saw slot disposed therein, a saw unit which can be moved horizontally along the saw slot and which includes a rotatably mounted circular saw blade the rotational axis of which is disposed below the workpiece support surface, and at least one workpiece clamping element disposed on a feeder carriage which is displaceable in the plane of the workpiece support surface and which can preferably be moved in a direction perpendicular to the saw slot. The invention is characterised by the workpiece clamping element having a movable clamping jaw which in a first position is disposed below the workpiece support surface, projects in a second position above the workpiece support surface, on which one face is configured such that in the second position it serves as a first stop face for a workpiece which is pushed against the clamping jaw from a first direction aligned parallel to the workpiece support surface, and which is coupled to an actuator in such a way that the actuator exerts a force on the clamping jaw, which moves the clamping jaw from the second direction to the first position, thereby clamping a workpiece in the direction of the workpiece support surface, in particular against the workpiece support surface, with a clamping face embodied on the clamping jaw.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.8844/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MAXIMIZING SERVICE PROVIDER UTILITY IN A HETEROGENEOUS WIRELESS AD-HOC NETWORK

(51) International classification	:H04W 4/24	(71) Name of Applicant :
(31) Priority Document No	:61/181,224	1)QUALCOMM Incorporated
(32) Priority Date	:26/05/2009	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2010/036263	U.S.A.
Filing Date	:26/05/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)KRISHNASWAMY Dilip
(61) Patent of Addition to Application Number	:NA	2)SURI Atul
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An ad-hoc service provider is configured to support a wireless connection to the network. The ad-hoc service provider is further configured to provide access to the network for one or more mobile clients. The one or more mobile clients are configured to select the ad-hoc service provider based on at least one parameter related to the ad-hoc service providers ability to support the wireless connection. The ad-hoc service provider is further configured to allocate bandwidth to the one or more mobile clients based on at least one parameter related to the effect on the ad-hoc service provider for providing such bandwidth.

No. of Pages : 50 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.8847/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR PRODUCING GRANULES

(51) International classification	:B01J 2/16
(31) Priority Document No	:09160761.4
(32) Priority Date	:20/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056418
Filing Date	:11/05/2010
(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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NETHERLANDS

(72)**Name of Inventor :**

1)Meessen Jozef Hubert

2)Roos Willem Frederik

3)Kursten Johannes Lambertus

(57) Abstract :

The present invention relates to a process for production of granules from a liquid composition with decreased dust production comprising steps of: applying the liquid composition onto solid particles that are kept in a continuous movement by a gas stream in a granulation zone of an oblong granulator thereby depositing and solidifying said liquid composition around said solid particles to increase size of the particles; discharging a stream of the grown solid particles from the granulation zone dividing in a size-sorting apparatus said stream of grown solid particles into individual streams based on the size of said grown solid particles to thereby produce streams of undersized oversized and desired-sized grown solid particles; transferring said stream of oversized grown solid particles to a size-reducing apparatus; crushing stream of said oversized grown solid particles in said size-reducing apparatus thereby reducing the particle size of said oversized grown solid particles.

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.8931/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CONNECTION SYSTEM COMPRISING A COUPLING DEVICE AND A PLUG ELEMENT FOR A WELDING TORCH

(51) International classification	:B23K9/32	(71) Name of Applicant : 1)FRONIUS INTERNATIONAL GMBH Address of Applicant :VORCHDORFER STRABE 40 A-4643 PATTENBACH Austria
(31) Priority Document No	:A 690/2009	
(32) Priority Date	:06/05/2009	
(33) Name of priority country	:Austria	
(86) International Application No	:PCT/AT2010/000156	
Filing Date	:06/05/2010	
(87) International Publication No	:WO 2010/127377 A1	
(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 connection device comprising a coupling device and a plug element for a welding torch connected to the coupling device by at least one hose assembly, said coupling device arranged at least partially in the housing, wherein a welding wire, delivered by a feed unit which is arranged on a motor plate, and additional media are conducted to the welding torch via the hose assembly and wherein the hose assembly is connected to the plug element. In order to create such a connection system, the coupling device is formed by a connection device comprising an end wall and a separating wall of the motor plate, wherein the end wall is designed to receive the coupling, the connection device is constructed to at least guide and position a pin, and the connection device is independent of the housing.

No. of Pages : 32 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.8938/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : JOINT AND/OR BEARING ASSEMBLY HAVING AN ELASTIC INTERMEDIATE LAYER

(51) International classification	:B60G7/00
(31) Priority Document No	:10 2009 026 739.5
(32) Priority Date	:04/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/050031
Filing Date	:25/05/2010
(87) International Publication No	:WO 2010/139314 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :88038, FRIEDRICHSHAFEN Germany

(72)Name of Inventor :

1)BRUNNEKE, HANS-GERD

2)LOSCHE, CHRISTIAN

(57) Abstract :

A joint assembly (1), in which a joint ball (4) through which an axle body (12; 112; 212; 312) extends, is mounted in and able to rotate relative to a housing (5) that surrounds it at least in some areas and/or one or more support ring(s) (6), with a rubber-elastic intermediate layer (7), and is designed so that the axle body (12; 112; 212; 312) can rotate within the joint ball (4).

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.8996/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DIAMINO HETEROCYCLIC CARBOXAMIDE COMPOUND

(51) International classification	:C07D239/48
(31) Priority Document No	:2009-113936
(32) Priority Date	:08/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057751
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/128659 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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4)IIKUBO,KAZUHIKO

5)KONDOH, YUTAKA

6)KAMIKAWA, AKIO

7)TOMIYAMA, HIROSHI

8)IWAI, YOSHINORI

(57) Abstract :

Provided is a compound useful as an inhibitor against the kinase activity of EML4- ALK fusion protein. As a result of intensive and extensive studies on compounds having inhibitory activity against the kinase activity of EML4-ALK fusion protein, the present inventors found that the diamino heterocyclic carboxamide compounds of the present invention had inhibitory activity against the kinase activity of EML4-ALK fusion protein. By this finding, the present invention was completed. The compounds of the present invention can be used as a pharmaceutical composition for preventing and/or treating cancer, such as lung cancer, non-small cell lung cancer, and small cell lung cancer.

No. of Pages : 289 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.8873/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BIASING MECHANISM FOR A CARTRIDGE OF DRUG DELIVERY SERVICE

(51) International classification	:A61M5/24
(31) Priority Document No	:61/182,825
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/057479
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/139635
	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)SANOFI-AVENTIS DEUTSCHLAND GMBH

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FRANKFURT AM MAIN Germany

(72)Name of Inventor :

1)PLUMPTRE, DAVID

(57) Abstract :

The invention refers to a method and an element (40) for biasing a cartridge (22) in a drug delivery device. The element (40) for biasing the cartridge (22) in a cartridge housing (6) of a drug delivery device and an according system comprising the element (40) and the drug delivery device are provided which is a self retained element (40) comprising a first member having a shape that allows passage of a spindle (60) of the drug delivery device. The self retained element (40) biases the cartridge (22) against an inner surface (28) of the cartridge housing (6). This cartridge (22) could be a removable cartridge.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.8874/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A DRIVE MECHANISM FOR A DRUG DELIVERY DEVICE

(51) International classification	:A61M5/178
(31) Priority Document No	:61/182,842
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/057481
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/139636 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)SANOFI-AVENTIS DEUTSCHLAND GMBH

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(72)**Name of Inventor :**

1)PLUMPTRE, DAVID

2)JONES, CHRISTOPHER

(57) Abstract :

A dose setting mechanism for a drug delivery device is disclosed. The mechanism comprises an outer housing (17) and an inner housing (5) having an external groove (30; 31). The inner housing guides a driver (7, 9) having either a blocking or locking member (11; 11') disposed inside the driver that can lock a flexible tab (21) to an internal groove during dose delivery in the inner housing such that the driver follows the path of the groove and to advance a spindle to move a cartridge bung. A dial sleeve (3) is disposed between the outer and inner housing and is rotatably engaged with the inner housing.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.8922/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SMART PACKING FOR DETECTING MICROORGANISMS

(51) International classification	:C12Q1/04
(31) Priority Document No	:P200930141
(32) Priority Date	:07/05/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2010/000176
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/128178
	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)UNIVERSIDAD DE ZARAGOZA

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(72)Name of Inventor :

1)NERIN DE LA PUERTA, M. C. CRISTINA

2)GUTIERREZ BARTOLOME, LAURA

3)SANCHEZ JARABO, CRISTINA

(57) Abstract :

The present invention relates to novel smart packaging, designed using a novel material comprising a partially polar adsorbent solid base impregnated with a solution of vanillin, which allows the growth of microorganisms in different types of products to be detected visually without having to be in direct contact with the microorganism or with the medium containing same.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.8962/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CONDUCTIVE HEATING

(51) International classification	:G11B20/18
(31) Priority Document No	:12/503,593
(32) Priority Date	:15/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/042111
Filing Date	:15/07/2010
(87) International Publication No	:WO 2010/008937 A3
(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)MERRROW, BRIAN, S.

2)AKERS, LARRY,W.

(57) Abstract :

A test slot assembly is provided for testing a storage device. The test slot assembly is configured to receive and support a storage device, or a storage device supported by a storage device transporter. The test slot assembly also includes a conductive heating assembly. The conductive heating assembly is arranged to heat a storage device by way of thermal conduction.

No. of Pages : 100 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9011/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CONTROL SYSTEM, ROCK DRILL RIG AND CONTROL METHOD

(51) International classification	:E21B44/00	(71) Name of Applicant :
(31) Priority Document No	:PCT/US2009/03845	1)ATLAS COPCO ROCK DRILLS AB Address of Applicant :S-701 91 OREBRO Sweden
(32) Priority Date	:26/06/2009	2)ATLAS COPCO DRILLING SOLUTIONS LLC
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/SE2010/000184	1)JIAO, DEYI
Filing Date	:28/06/2010	2)CHENG, EUGENE
(87) International Publication No	:WO 2010/151203	3)SINNERSTAD, JONAS
	A1	4)GUSTAVSSON, HANS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hydraulic fluid control system (1) for the control of pressure fluid supply to consumers being a feed motor (2), a percussion device (4) and a rotation motor (3) of a rock drilling machine, said system including a regulating valve (6,7,8) for each one of the consumers (2,3,4), wherein fluid conduits lead between the regulating valves and the respective consumers, the system having: - an electronically controlled auxiliary control unit (11) which includes at least one electrically controlled auxiliary valve (14) for the connection to and intercepting in at least one of the fluid conduits, - at least one sensor for sensing prevailing fluid parameter values in at least one member of the rock drilling machine and sending sensor signals to the auxiliary control unit as sensor input signal is-values, and - a processor (12) having at least one parameter sensor input signal entry (S1-S5,11-15) for receiving said sensor input signal is-values and at least one control signal exit (VI-V6) for signal control of a respective auxiliary valve, wherein the processor (12) is arranged to compare said sensor input signal is-values with parameter should-values and to emit control signals to at least one of the auxiliary valves as a response to the result of the comparison in order to adjust fluid flow in the fluid conduit related to said at least one of the auxiliary valves. The invention also concerns a rock drill rig and a method.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9013/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CONTROL ROD DRIVE MECHANISM FOR NUCLEAR REACTOR

(51) International classification

:G21C7/06

(31) Priority Document No

:61/185,887

(32) Priority Date

:10/06/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/037955

Filing Date

:09/06/2010

(87) International Publication No

:WO 2010/144563 A1

(61) Patent of Addition to Application

:NA

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)STAMBAUCH, KEVIN, J.
2)DESGANTIS, PAUL, K.
3)MACKOVJAK, ALLAN, R.
4)MC LAUGHLIN, JOHN, P.**
-

(57) Abstract :

A control rod drive mechanism (CRDM) for use in a nuclear reactor, the CRDM comprising: a connecting rod connected with at least one control rod; a lead screw; a drive mechanism configured to linearly translate the lead screw; an electromagnet coil assembly; and a latching assembly that latches the connecting rod to the lead screw responsive to energizing the electromagnet coil assembly and unlatches the connecting rod from the lead screw responsive to deenergizing the electromagnet coil assembly. The latching assembly is secured with and linearly translates with the lead screw, while the electromagnet coil assembly does not move with the lead screw. The electromagnet coil assembly is at least coextensive with a linear translation stroke over which the drive mechanism is configured to linearly translate the lead screw.

No. of Pages : 38 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9014/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SEALANTS, MANUFACTURING THEREOF, AND APPLICATIONS THEREOF

(51) International classification	:A61L24/00
(31) Priority Document No	:61/182,771
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/000431
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/140146
	A3
(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 :TECHNION CITY, 32000 HALFA
Israel

(72)**Name of Inventor :**

**1)BIANCO-PELED, HAVAZELET
2)KIMHI, OHAD**

(57) Abstract :

Method comprising: applying uncured pre-gel (UP) to surface; contacting UP with cross-linking agents; allowing applied UP to cure, increasingly adhere to first surface, source of agents: solid support comprising agent, or insoluble agent salt in UP, wherein trigger compound is added to UP, or spraying/coating agent, with solid support added.

No. of Pages : 36 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9016/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : STORAGE DEVICE TESTING SYSTEM COOLING

(51) International classification	:G11B20/18
(31) Priority Document No	:12/503,567
(32) Priority Date	:15/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041831
Filing Date	:13/07/2010
(87) International Publication No	:WO 2011/008762 A3
(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)MERRROW, BRIAN S.

2)KRIKORIAN, NICHOLAS C.

(57) Abstract :

A storage device transporter (800, 800', 1800) includes a transporter body (810, 1810) having first and second body portions (802, 804, 1802, 1804). The first body portion (802, 1802) is configured to be engaged by automated machinery for manipulation of the storage device transporter (800, 800', 1800). The second body portion (804, 1804) is configured to receive and support a storage device. The first today portion (802, 1802) is configured to receive and direct an air flow (305, 1950) over one or more surfaces of a storage device supported in the second body portion.

No. of Pages : 79 No. of Claims : 86

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9017/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CONTINUOUSLY REGULATED PRECISION PRESSURE FLUID DELIVERY SYSTEM

(51) International classification

:B01L99/00

(31) Priority Document No

:61/217,927

(32) Priority Date

:05/06/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/001630

Filing Date

:03/06/2010

(87) International Publication No

:WO 2010/141096 A1

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

A fluid flow characteristic regulator (58) which provides a variable volume flow path in which a fluid flow can be continuously adjusted by a control fluid (57) to regulate at least one fluid flow characteristic of the fluid flow (11) within the variable volume flow path.

No. of Pages : 45 No. of Claims : 37

(71)Name of Applicant :

1)XY, LLC

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(72)Name of Inventor :

1)GILLIGAN, THOMAS, BOYD

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9018/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR PRODUCING A TEXTILE SEMI-FINISHED GOOD HAVING IMPROVED TOUGHNESS, AND A TEXTILE SEMI-FINISHED GOOD

(51) International classification	:B29C70/02
(31) Priority Document No	:102009025981.3
(32) Priority Date	:16/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/058420
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/146069 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)SAERTEX GMBH & CO. KG

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(72)**Name of Inventor :**

1)ISCHTSCHUK, LARS

2)PALINSKY, ANDREAS

(57) Abstract :

The present invention is based on the object to improve the prior-art production method for semi-finished textile products with enhanced toughness. According to the present invention, the object is achieved by a method for producing a semi-finished textile product, comprising a toughness-enhancing material, for the production of a composite fiber component, and including the step of: - applying the toughness-enhancing material to the exterior surface of individual layers forming a multi-ply fabric, multi-ply fabrics, woven textiles, knitted fabrics, matted fabrics or braided fabrics, or any combination thereof, wherein the toughness-enhancing material comprises particles having a particle size in the range of 0.5 µm to 500 µm.

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9034/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BENZOXAZINE THIOL ADDUCTS

(51) International classification	:C08G75/04
(31) Priority Document No	:61/184,328
(32) Priority Date	:05/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036795
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/141396 A1
(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)GORODISHER, ILYA

2)WEBB, ROBERT J.

3)DEVOE, ROBERT J.

(57) Abstract :

Novel benzoxazine - thiol adducts are described, which may be cured to produce compositions useful in coating, sealants, adhesive and many other applications.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9035/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CONSTANT VELOCITY JOINT AND DRIVE SHAFT

(51) International classification	:F16D3/223
(31) Priority Document No	:20 2008 006 696.7
(32) Priority Date	:08/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002605
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/127794
	A3
(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 :SUDRING 12, MUHLHEIM-63165
Germany

(72)Name of Inventor :

1)DISSER, CLAUS

(57) Abstract :

The invention relates to a constant velocity joint having an inner race (3), an outer race (4), a journal (9) that can be connected with the outer race for connecting the joint and with a reinforcement ring (7), that can be positively connected with the outer race, which encases the outer race (4) in torque-proof manner and has at least one stop section (7a, 7b), which defines the position of the outer race (4) in the reinforcement ring (7) in a first axial direction. The journal (9) has a flange-like shoulder section (8), for example, with an axial stop surface (8a), which defines the position of the outer race (4) in the reinforcement ring (7) in a second axial direction that is opposite to the first axial direction, whereby the journal (9) is fixated on the reinforcement ring (7).

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9085/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A DEVICE AND METHOD FOR INK JET PRINTING ON SURFACES EXHIBITING RELIEFS OR RECESSES

(51) International classification	:B41J3/407	(71) Name of Applicant :
(31) Priority Document No	:RE2010A000006	1)PROJECTA ENGINEERING S.R.L.
(32) Priority Date	:02/02/2010	Address of Applicant :VIA GHIAROLA VECCHIA, 101, I-41042 FIORANO modenese, MODENA Italy
(33) Name of priority country	:Italy	
(86) International Application No	:PCT/IB2011/000155	(72) Name of Inventor :
Filing Date	:01/02/2011	1)PALUMBO,VINCENZO
(87) International Publication No	:WO 2010/095865	
	A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An ink-jet device (20) exhibits at least a group of printing heads (21, 22, 23) which are independent of one another, where each head (21, 22, 23) comprises a plurality of ejector nozzles (25) of ink, aligned to form a line of action (26), a direction of the ink jets (27) issued from the nozzles (25) being perpendicular to the line of action (26), the lines of action (26) of the heads being arranged, in a plan view, parallel to one another. The surface (10) to be printed is moved in relation to the printing device (20), in a transversal direction with respect to the direction of the lines of action (26), internally of a field of action of the device (20). Each head (21, 22, 23) is assigned a respective strip of action (F21, F22, F23) on the surface (10), such that together the heads of the group interest a whole transversal dimension of the surface (10) to be printed on, and each head (21, 22, 23) is arranged with such an inclination that the respective line of action(26) is orientated practically parallel to a mean line of inclination of a transversal profile of the portion (10) of surface subjected to the strip of action (F21, F22, F23) of the head. The method enables printing on surfaces by means of an ink-jet printing device, in particular for ceramic tiles or other modular elements exhibiting reliefs or recesses having heights or depths which are of a relatively large entity, providing results which up to now have not been obtained.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9091/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SOILD PHARMACEUTICAL PREPARATIONS CONTAINING COPOLYMERS BASED ON POLYETHERS COMBINED WITH POORLY WATER-SOLUABLE POLYMERS

(51) International classification	:A61K9/14
(31) Priority Document No	:09160129.4
(32) Priority Date	:13/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056447
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/130728
	A3
(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)KOLTER, KARL

2)DJURIC, DEJAN

3)FISCHER, STEFAN

(57) Abstract :

Dosage forms comprising preparations of slightly water-soluble active substances in a polymer matrix of polyether copolymers, the polyether copolymers being obtained by free radical polymerization of a mixture of from 30 to 80% by weight of N-vinyl lactam, from 10 to 50% by weight of vinyl acetate and from 10 to 50% by weight of a polyether, and of at least one slightly water-soluble polymer in which the slightly water-soluble active substance is present in amorphous form in the polymer matrix.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9093/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ANTENNA ARRAY

(51) International classification	:H01Q1/24
(31) Priority Document No	:09360027.8
(32) Priority Date	:26/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/002489
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/136099 A1
(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)PIVIT, FLORIAN

2)MULLANY, FRANK

(57) Abstract :

An antenna array and a method are disclosed. The antenna array comprises: a plurality of active antenna elements, each active antenna element being separated by a predetermined first spacing distance; and a plurality of passive antenna elements, each passive antenna element being separated by a predetermined second spacing distance. By providing both active and passive antenna elements, multiple networks can be supported by the same antenna array. Providing a dual network antenna significantly simplifies base station provision since existing base station sites may be reused more readily. Also, the number of antenna arrays which need to be provided at those base stations sites may be significantly reduced, thereby reducing mast head congestion and also reducing mast head loadings since the mass of the dual antenna array and its wind loading characteristics will be significantly less than that of two separate antenna arrays.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.8883/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DOSE SETTING MECHANISM FOR PRIMING A DRUG DELIVERY DEVICE

(51) International classification	:A61M5/315
(31) Priority Document No	:61/182,836
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/057467
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/139631
	A1
(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)PLUMPTRE, DAVID

2)JONES, CHRISTOPHER

3)VEASEY, ROBERT

(57) Abstract :

A method and system for priming a drug delivery device are provided. The drug delivery device includes a dose dial sleeve (56, 84) and an internal housing portion (58, 70). The dose dial sleeve is coupled to the internal housing. The dose dial sleeve rotates on a substantially circumferential rotational path (74) during priming of the drug delivery device. Further, the dose dial sleeve (56, 84) rotates on a helical path (76) during dose setting of the drug delivery device.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9107/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MEASURING APPARATUS AND MEASUREMENT METHOD

(51) International classification	:A61B5/1473
(31) Priority Document No	:2009-218794
(32) Priority Date	:24/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065708
Filing Date	:13/09/2010
(87) International Publication No	:WO 2011/037030
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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8045 Japan

(72)Name of Inventor :

1)SHOSHIHARA, TOMOHIRO

2)SHIRAKI, YASUNORI

3)KATSUKI, KOJI

(57) Abstract :

Disclosed is a measuring device (10) for obtaining numerical information concerning a substance present in the interstitial subcutaneous fluid, the device being equipped with a sensor unit (1) that outputs signals in accordance with the numerical information concerning the substance and an arithmetic unit (control unit (2)) that receives the signals outputted from the sensor unit and arithmetically processes the signals. The sensor unit (1) is equipped with a sensor (15), some of which is punctured into the skin. The arithmetic unit (control unit (2)) has been disposed so as to be separate from the sensor unit (1).

No. of Pages : 72 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9109/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SAFETY DEVICE

(51) International classification	:A62B1/14
(31) Priority Document No	:MI2009A001259
(32) Priority Date	:15/07/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/001614
Filing Date	:01/07/2010
(87) International Publication No	:WO 2011/007225
	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)ALUDESIGN S.P.A.

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(72)Name of Inventor :

1)POAGLIOLI, CARLO

(57) Abstract :

It is described a belaying device for blocking a rope comprising a main body formed by two flat plates constrained one to each other preferably according to two parallel planes by means of a plurality of spacing pins. The rope is inserted inside the device body further comprising a carabine attached to the main body by passing through an opening on the device body. The carabiner allows the belaying device to be constrained to an user, or an anchorage point, and it is movable at the ripening between a non - blocking position of the rope, that is the condition of normal use, and an emergency position wherein the rope is blocked, and vice versa.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9114/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DOOR CLOSER

(51) International classification	:E05F3/10
(31) Priority Document No	:DE 10 2009 034 742.9
(32) Priority Date	:24/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/004304
Filing Date	:15/07/2010
(87) International Publication No	:WO 2011/009556 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)DORMA GmbH+CO. KG

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(72)Name of Inventor :

1)OLIVER WALHORN

(57) Abstract :

The invention relates to a door closer (1) including a rotating shaft (2) coupled to a door leaf, including a cam (4), which is disposed on the rotating shaft (2) in a torque-proof manner and cooperates with a spring- loaded roller (5), such that, when opening or closing the door leaf, the roller (5) rolls on a first running surface (4a) of the cam (4), and in that a second running surface (4b) of the cam (4) cooperates with a damping device, characterized in that the damping device consists of at least one pre-mounted damper (13) which is self-contained and is insertable into the door closer (1).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9115/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DISPLAY DRIVING CIRCUIT, DISPLAY DEVICE AND DISPLAY DRIVING METHOD

(51) International classification	:G09G3/36
(31) Priority Document No	:2009-144747
(32) Priority Date	:17/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/001175
Filing Date	:23/02/2010
(87) International Publication No	:WO 2010/146740
	A1
(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)MAKOTO YOKOYAMA

2)YASUSHI SASAKI

3)YUHICHIROH MURAKAMI

4)SHIGE FURUTA

(57) Abstract :

A display driving circuit for driving a liquid crystal display panel (10) provided with CS bus lines (15) includes a shift register (gate line driving circuit (30)) including a plurality of shift register circuits SR provided in such a way as to correspond to a plurality of gate lines (12), respectively, the display driving circuit having latch circuits (CSL) provided in such a way as to correspond one-by-one to the shift register circuits (SR), a polarity signal (CMI) being inputted to the latch circuits (CSL). When a internal signal (Mn) generated by a shift register circuit (SRn) becomes active, a latch circuit (CSLn) corresponding to this shift register circuit loads and retains the polarity signal (CMI), and an output (CSOUTn) from the latch circuit (CSLn) is supplied to a CS bus line as a CS signal. The internal signal (Mn) that is generated by the shift register circuit (SRn) becomes active before a first vertical scanning period of a display picture. Therefore, the quality of a display at the time of turning on of power can be improved without an increase in circuit area.

No. of Pages : 79 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9095/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : INK FOR INKJET RECORDING, INKJET RECORDING METHOD USING THE SAME, INK CARTRIDGE HOUSING THE SAME, AND RECORDED MATTER

(51) International classification	:C09D11/00
(31) Priority Document No	:2009-148711
(32) Priority Date	:23/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/061086
Filing Date	:23/06/2010
(87) International Publication No	:WO 2010/150913
	A1
(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)MATSUYAMA, AKIHIKO

2)FUJII, ICHIROH

3)YOKOHAMA, YUUKI

4)NAGAI, KIYOFUMI

5)GOTOU, HIROSHI

(57) Abstract :

An ink for Inkjet recording, containing: dispersed particles A; dispersed particles B; a water-soluble solvent; a surfactant; and water, wherein the dispersed particles A are coloring particles obtained by dispersing an organic pigment in water with assistance of a surfactant, and the dispersed particles B are coloring particles obtained by dispersing a polymer-coated organic pigment in water.

No. of Pages : 81 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9145/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR PREPARING GLYCIDYL ESTERS OF BRANCHED MONOCARBOXYLIC ACIDS

(51) International classification	:C07D303/16
(31) Priority Document No	:09075264.3
(32) Priority Date	:11/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/003334
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/142396
	A1
(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)GOUMAN, JAN

2)RENS, SANDRA

3)YANT SAND, ROBERT

(57) Abstract :

Accordingly, the invention relates to a process for the preparation of a glycidyl ester of a branched monocarboxylic acid by reacting an aliphatic monocarboxylic acid of the formula R1R2R3COOH, wherein R1, R2, and R3 each independently represent an alkyl radical of normal or branched structure containing from 1 to 20 carbon atoms and an epoxyalkyl halide containing from 3 to 13 carbon atoms in the presence of a catalyst, wherein a greater than stoichiometric amount of epoxyalkyl halide is reacted with the acid (e.g., preferably in the molar ratio of epoxyalkyl halide to acid that is in the range of from 1.02:1 to 1.50:1) to form an intermediate reaction product comprising a halohydrin, the epoxyalkyl halide is added to the acid with appropriate cooling of the reactants and/or the reaction mixture to keep the temperature of the reaction mixture below 80°C, whereupon the epoxyalkyl halide and the acid are reacted at a temperature below 80°C (preferably in the range of from 55 to 75°C) for a time sufficient to reduce the amount of acid to no more than 2 wt% but no less than 0.1 wt% calculated on the initial amount of acid, optionally removing any excess epoxyalkyl halide from the reaction product prior to the ring closure reaction, subjecting the reaction product to a ring closure reaction (DHC) and optionally to one or more after treatments (ADHC) for removal of any remaining halo functionality.

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9148/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SILANE CROSS-LINKED 1-COMPONENT LAMINATION ADHESIVE

(51) International classification	:C08G18/10
(31) Priority Document No	:10 2009 026 900.2
(32) Priority Date	:10/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/056311
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/142501
	A3
(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)GENTSCHÉV, PAVEL

2)KINZELMANN, HANS-GEORG

3)STRUMPF, SVENJA

(57) Abstract :

The invention relates to a crosslinkable one-component lamination adhesive containing a) 25 to 80 wt% of polyester prepolymers, polyether prepolymers, and/or polyurethane prepolymers that comprise at least two crosslinkable silane groups, b) 75 to 20 wt% organic solvent having a boiling point of up to 130°C, c) 0 to 15 wt% additives, the prepolymer having a molecular weight from 2000 to 30,000 g/mol, wherein the viscosity of the adhesive is between 50 and 20,000 mPas (per DIN ISO 2555) measured at 15 to 45°C, and the crosslinked adhesive has a glass transition temperature from -10to30°C.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9153/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CUTTING INSERT

(51) International classification	:B23C5/02
(31) Priority Document No	:10-2009-0047756
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2009/003477
Filing Date	:26/06/2009
(87) International Publication No	:WO 2010/137762 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CHOI, CHANG HEE

2)PARK, CHANG GYU

3)CHOI, SUNG PIL

(57) Abstract :

The present invention provides a cutting insert comprising a top surface, a bottom surface, a plurality of side surfaces that connect the top and bottom surfaces and form an obtuse angle with the bottom surface as well as an acute angle with the top surface. The side surfaces comprise a first side surface and a second side surface, which form an obtuse angle with each other when seen from the above. A main cutting edge is formed at an intersection between the first side surface and the top surface. An inclined cutting edge, which is only for ramp milling, and a minor cutting edge are formed at an intersection between the second side surface and the top surface. An obtuse angle, which the second side surface forms with the bottom surface, is greater than that which the first side surface forms with the bottom surface.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9162/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : WELL MONITORING BY MEANS OF DISTRIBUTED SENSING MEANS

(51) International classification	:E21B47/12
(31) Priority Document No	:0909038.2
(32) Priority Date	:27/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001056
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/136768 A2
(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)DAVID JOHN HILL

2)MAGNUS MCEWEN-KING

3)PATRICK TINDEL

(57) Abstract :

This application describes methods and apparatus for downhole monitoring in real-time. The method involves interrogating an unmodified optic fibre (102) arranged along the path of a well bore (106) to provide a distributed acoustic sensor and sampling data gathered from a plurality of sensing portions of the fibre. The sampled data is then processed to provide a real-time indication of the acoustic signals detected by the sensing portions of the fibre. The real-time indication provides information to an operator or controller of the downwell process with real-time feedback data regarding what is happening during the down-well process which allows the identification of any problems and adjustment of the process parameters.

No. of Pages : 38 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9168/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR SLAG FOAMING A NON-STAINLESS STEEL MELT IN AN ELECTRIC ARC FURNACE

(51) International classification	:C21C5/54	(71) Name of Applicant :
(31) Priority Document No	:10 2009 020 494.6	1)SMS SIEMAG AKTIENGESELLSCHAFT Address of Applicant :EDUARD-SCHOLEMANN-STRASSE
(32) Priority Date	:08/05/2009	4, 40237 DUSSELDORF Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/002813	1)REICHEL, JOHANN 2)ROSE, LUTZ
Filing Date	:07/05/2010	
(87) International Publication No	:WO 2010/127869	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

During the production of non-stainless steel, slag containing a high proportion of metal oxides, primarily iron oxide, is formed during the smelting of the solid material in the electric arc furnace. The concentration of the iron oxide often reaches values of more than 20%. This slag has a poor foaming capability and does not permit the typical characteristics of a carbon steel slag to be achieved. In order to cause such a slag to foam, according to the invention it is proposed to load the electric arc furnace with pellets or briquettes (8) which consist of a defined mixture of an iron oxide carrier and an iron carrier as ballast material, of carbon as reducing agent and also of a binder material, which react in the electric arc furnace in a reducing manner, floating under the slag (7) in the steel melt (6). The reaction gases (12) produced in this way consist primarily of carbon monoxide and advantageously support the foaming of the slag.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9203/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PULP LIFTER FOR INSTALLATION IN A ROTARY GRINDING MILL

(51) International classification	:B02C17/18
(31) Priority Document No	:61/187,532
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/FI2010/050483
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/146233
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)HINDSTROM, SAMI

3)VIRTANEN, MARKKU

4)SALOHEIMO, KARI

(57) Abstract :

A pulp lifter for installation in a rotary grinding mill has a leading edge wall (4) and a trailing edge wall (2) with, respect to rotation of the mill. The leading edge wall (4) and the trailing edge wall (2) define a pulp lifter chamber (1), and a grate allows slurry to pass to a radially outward collecting region (10) of the pulp lifter chamber for removal from the mill by way of a radially inward discharge region of the pulp lifter chamber. The pulp lifter chamber (1) further comprises a gate (6) positioned between the collecting region (10) and the discharge region, the gate (6) being movable between an open position, in which the gate (6) permits solid material to pass from the collecting region (10) to the discharge region, and a closed position, in which the gate (6) prevents return movement of solid material from the discharge region to the collecting region (10). Also, a pulp lifter whose trailing edge wall (2) is inclined; a pulp lifter whose trailing edge wall (2) has a S-shaped curvature; a pulp lifter that has a pocket for receiving pebbles; and a pulp lifter whose grate has openings distributed so that the area nearer the trailing edge wall (2) has fewer openings than the area nearer the leading edge wall (4).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9227/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SENSING EVENTS AFFECTING LIQUID FLOW IN A LIQUID DISTRIBUTION SYSTEM

(51) International classification	:G01M3/26
(31) Priority Document No	:12/483,041
(32) Priority Date	:11/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/053848
Filing Date	:14/08/2009
(87) International Publication No	:WO 2010/144100 A1
(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)FOGARTY, JAMES, A.

3)FROEHLICH, JON, E.

4)LARSON, ERIC, C.

(57) Abstract :

By monitoring pressure transients in a liquid within a liquid distribution system using only a single sensor, events such as the opening and closing of valves at specific fixtures are readily detected. The sensor, which can readily be coupled to a faucet bib, transmits an output signal to a computing device. Each such event can be identified by the device based by comparing characteristic features of the pressure transient waveform with previously observed characteristic features for events in the system. These characteristic features, which can include the varying pressure, derivative, and real Cepstrum of the pressure transient waveform, can be used to select a specific fixture where a valve open or close event has occurred. Flow to each fixture and leaks in the system can also be determined from the pressure transient signal. A second sensor disposed at a point disparate from the first sensor provides further event information.

No. of Pages : 51 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9155/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : NOVEL LDPE ENABLING HIGH OUTPUT AND GOOD OPTICS WHEN BLENDED WITH OTHER POLYMERS

(51) International classification	:C08F10/02	(71) Name of Applicant :
(31) Priority Document No	:12/482517	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:11/06/2009	Address of Applicant :2040 DOW CENTER, MIDLAND, MICHIGAN 48674 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/038285	1)KARJALA, TERESA
Filing Date	:11/06/2010	2)SAVARGAONKAR, NILESH
(87) International Publication No	:WO 2010/144784 A9	3)ORTEGA, JOSE
(61) Patent of Addition to Application Number	:NA	4)COBLER, BRAD
Filing Date	:NA	5)KARDOS, LORI
(62) Divisional to Application Number	:NA	6)YAU, WALLACE
Filing Date	:NA	

(57) Abstract :

An ethylene-based polymer characterized as having a density from about 0.9 to about 0.94 grams per cubic centimeter, a molecular weight distribution (Mw/Mn) from about 8 to about 30, a melt index (12) from about 0.1 to about 50 grams per 10 minutes, a gpcBR value greater than hi as determined by a gpcBR Branching Index and a Y value less than about 2 is disclosed. This ethylene-based polymer is especially useful for blending with other polymers such as LLDPE. When converting the blends into film, especially blown film, bubble stability and output is increased.

No. of Pages : 65 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9159/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CONTINUOUS CASTING SYSTEM COMPRISING AT LEAST ONE ROBOT

(51) International classification	:B22D11/10
(31) Priority Document No	:10 2009 020 857.7
(32) Priority Date	:12/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002878
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/130405 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)LIEFTUCHT, DIRK

2)HULLEN, INA

(57) Abstract :

A continuous casting plant with at least one continuous casting mould (2) and with at least one robot (10) for performance of process-controlled and automated actions at the continuous casting plant is characterised in that the at least one robot (10) comprises means for casting crust detection in the at least one continuous casting mould (2).

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9213/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COMPOSITIONS FOR ATTRACTING BLOOD-FEEDING INSECTS

(51) International classification

:A01N31/08

(31) Priority Document No

:KE/P/2009/000922

(32) Priority Date

:11/06/2009

(33) Name of priority country

:Kenya

(86) International Application No

:PCT/KE2010/000021

Filing Date

:08/06/2010

(87) International Publication No

:WO 2010/143752 A3

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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2)NDIEGE, ISAIAH

3)OMOLO, MAURICE VINCENT

4)NJIRU, BASILIO NGARI

5)NJAGI, PETER G.N.

(57) Abstract :

Methods and compositions suitable for influencing insect behaviour are provided. In a preferred embodiment, the compositions comprise a blend of between two and eight insect attractant compounds selected from the group consisting of: a) compounds of formula (I); b) compounds of formula (II); c) compounds of formula (III). Wherein: n is zero or an integer; x is zero or an integer selected from 1-8, or greater than 9; and R is a C1-C12 alkyl. The compositions are useful as bait, with or without other mammalian body odour constituents or synthetic attractants, to attract disease carrying insects to traps or targets.

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9251/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : EXPANSIVE MATERIAL AND ITS PREPARATION PROCESS

(51) International classification	:C04B22/06
(31) Priority Document No	:2009-141422
(32) Priority Date	:12/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058516
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/143506
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)HIGUCHI, TAKAYUKI
2)MORI, TAIICHIRO
3)ISHIDA, HIDEAKI
4)YOSHINO, RYOETSU
5)MORIOKA, MINORU**

(57) Abstract :

The invention provides an expansive material that allows for large expansion of concrete at a material age of 2 to 7 days after pouring and permits concrete to have higher initial compressive strength and makes sure good storage stability, and a process for preparing that expansive material. The invention provides an expansive material and a process for preparing that expansive material, characterized in that clinker or pulverized clinker containing free lime, a hydraulic compound and calcium sulfate anhydrite is heat treated in a carbon dioxide gas atmosphere to form calcium carbonate in it. Preferably, the expansive material contains a particle in which the free lime, hydraulic compound, calcium sulfate anhydrite and calcium carbonate are all present; the content of calcium carbonate is 0.5 to 10% by mass; and the expansive material has a Blaine's specific surface area of 1,500 to 90,000 cm²/g. The expansive material is blended with cement into a cement composition. The preparation conditions are preferably a carbon dioxide gas flow rate of 0.01 to 0.1 L/min. and a temperature of 200 to 800°C, under which conditions there is calcium carbonate formed.

No. of Pages : 36 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9252/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MENINGOCOCCUS VACCINE CONTAINING LIPOOLIGOSACCHARIDE (LOS) FROM MODIFIED STRAINS OF L6 IMMUNOTYPE NEISSERIA MENINGITIDIS

(51) International classification	:C12N1/21	(71) Name of Applicant :
(31) Priority Document No	:0902333	1)SANOFI-PASTEUR
(32) Priority Date	:14/05/2009	Address of Applicant :2 AVENUE PONT PASTEUR, F-69367 LYON CEDEX 07 France
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/000367	1)MISTRETTA, NOELLE
Filing Date	:12/05/2010	2)MOREAU, MONIQUE
(87) International Publication No	:WO 2010/130898	3)RENAULD-MONGENIE, GENEVIEVE
	A2	4)ROKBI, BACHRA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention particularly relates to multivalent vaccine compositions capable of treating or preventing at least 60% and preferably 75% of the infections caused by Neisseria meningitidis, in particular those of serogroup B. To this end, the invention substantially relates to lipooligosaccharide (LOS) of N. meningitidis particularly consisting of a lipid A, an inner core, and an L6 a chain, wherein the heptose II residue of the inner core has, at the 0-3 position and at the 0-6 or 0-7 position, a phosphoethanolamine (PEA) substituent, as well as the structure of the N. meningitidis strain capable of expressing such LOS. The invention also relates to a strain of N. meningitidis of serogroup A that comprises lipooligosaccharide (LOS) particularly consisting of a lipid A, an inner core, and an L6 a chain, wherein the heptose II residue of the inner core has, at the 0-3 position, a phosphoethanolamine (PEA) substituent and does not have any PEA substituent at the 0-6 and 0-7 positions. The abovementioned LOS or those from the mentioned strains can be used as vaccine antigens, in particular in multivalent, inter alia, bivalent, compositions in order to provide protection against major epidemiological complexes of N. meningitidis, in particular of serogroup B.

No. of Pages : 81 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9191/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM FOR POSITIONING GUIDES OF A CONVEYOR

(51) International classification	:B65G21/20
(31) Priority Document No	:MI2009A000808
(32) Priority Date	:12/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/056568
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/130793
	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)REXNORD MARBETT S.R.L.

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(72)Name of Inventor :

1)ANDREOLI, ANDREA

(57) Abstract :

A positioning unit, comprising: a support for a member to be positioned; an actuator for moving the support between a plurality of predetermined working positions; a position selector comprising a plurality of end-run elements that can be moved in an endless sequence into an operative position which determines an end-run position of the actuator corresponding to a said predetermined working position of the support, wherein the position selector is coupled to the actuator such that movement of the actuator during actuation drives the operation of the position selector. The positioning unit has particular application to the positioning of guides of a conveyor of articles.

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9269/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PLATFORM TECHNOLOGIES FOR SPONTANEOUSLY OCCURRING DISEASES

(51) International classification	:G01N33/50
(31) Priority Document No	:61/178,391
(32) Priority Date	:14/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035019
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/132847 A1
(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)FRANK, MATTHEW

(57) Abstract :

The invention provides platform technologies for spontaneously occurring diseases that can be used for translational medicine. Non-human companion animals, such as dogs, spontaneously develop diseases that mirror human diseases. Using companion animals that develop spontaneously occurring diseases can benefit the time and cost for translational medicine by allowing for testing of one or more parameters that would otherwise not be permitted under FDA regulations. Furthermore, companion animals are also helped by potential discoveries that could cure or treat their spontaneously occurring diseases.

No. of Pages : 89 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9270/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ELECTRIC BROILER

(51) International classification	:A47J37/07
(31) Priority Document No	:61/186,464
(32) Priority Date	:12/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038244
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/144758 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)FIETSAM, KIM CHARLES

2)SWANSON, GREGORY, K.

3)MONROE, DARYL, R.

4)SHEI, STEVEN, M.

5)HENKE, DANIEL MARVIN

6)REESE, ROBERT, J.

7)STAFFORD, JEFFREY, A.

(57) Abstract :

A new electric broiler is disclosed. The broiler includes a housing having a cooking chamber, and a cooking surface in the housing. Upper and lower electrical heat sources are provided in the cooking chamber above and below the cooking surface. The lower heat source includes a removable heating module having an electric heating element and a quick connect/disconnect connector for quick electrical connection and disconnection of the electric heating element to and from a quick connect/disconnect connector on the housing. The broiler also includes a module holder on the housing for holding the removable heating module. The heating module is removable from the holder for quick replacement of the module.

No. of Pages : 89 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9272/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DIELECTRIC INSULATION MEDIUM

(51) International classification	:H01B3/56	(71) Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/EP2009/057294	(72) Name of Inventor : 1)CLAESSENS, MAX-STEFFEN 2)SKARBY, PER
Filing Date	:12/06/2009	
(87) International Publication No	:WO 2010/142346	
	A1	
(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 dielectric insulation medium. The insulation medium is characterized in that it comprises a fluoroketone having from 4 to 12 carbon atoms.

No. of Pages : 37 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9273/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DISPLAY PANEL AND DISPLAY DEVICE

(51) International classification	:G02F1/1335
(31) Priority Document No	:2009-140947
(32) Priority Date	:12/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/054789
Filing Date	:19/03/2010
(87) International Publication No	:WO 2010/143461
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)KUNIMASA, FUMIE

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3)KADOWAKI, SHINYA

4)YASHIRO, YUHJI

5)YUKI, RYUZO

6)KAWAMURA, TADASHI

7)KAIDA, KAZUYA

8)SHIGETA, HIROAKI

(57) Abstract :

A red color filter (13R) includes a first absorbent having an absorption wavelength region in most of a low wavelength region other than the wavelength region of red light (R) emitted by fluorescence and a second absorbent having an absorption wavelength region overlapping with the wavelength region of blue light (B) included in the rest of the wavelength region other than most of the low wavelength region.

No. of Pages : 40 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9275/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : POWER CONVERTING DEVICE FOR VEHICLE

(51) International classification	:B61C17/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/002668
Filing Date	:12/06/2009
(87) International Publication No	:WO 2010/143236
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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CHIYODA-KU, TOKYO 100-8310 Japan

(72)Name of Inventor :

1)YAMASAKI, HISANORI

2)SUGAHARA, TETSUO

3)IKEMOTO, MINORU

(57) Abstract :

A control device for a vehicle, the control device including, in a housing that is installed under a floor of the vehicle: a power converter configured of a semiconductor switching circuit; a control unit that controls the output of the power converter so as to supply a required load to a power; a wiring that is connected to the power converter; a voltage detector that detects a voltage applied to the wiring and outputs the detected voltage to the control unit; and a shielding unit that shields radiation noise from the wiring to the voltage detector, wherein the control unit is disposed on a first side of the housing along a traveling direction of the vehicle, the power converter is disposed on a second side of the housing along the traveling direction of the vehicle and the voltage detector is disposed between the power converter and the control unit.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9230/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR THE PURIFICATION OF POLYOL PFPE DERIVATIVES

(51) International classification	:C08G65/30
(31) Priority Document No	:09160387.8
(32) Priority Date	:15/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056185
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/130628
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)TONELLI, CLAUDIO ADOLFO PIETRO

2)VEZZULLI, GRAZIANO GIUSEPPE

3)PICOZZI, ROSALDO

4)GAVEZOTTI, PIERO

(57) Abstract :

Process for the purification of polyol PFPE derivatives The invention pertains to a process for the purification of a polyol (per)fluoropolyether derivative [polyol (P)], said polyol (P) comprising one or more hydroxyl (per)fluoropolyether derivatives [PFPEs (OH)] comprising at least one (per)fluoropolyoxyalkylene chain (chain Rf) and at least one end-group having formula -F2CH2OCH2CH(OH)CH2OCH2CH(OH)CH2OH (t3), from a mixture of hydroxyl (per)fluoropolyether derivatives [mixture (M)], said mixture (M) comprising said polyol (P) and at least one hydroxyl (per)fluoropolyether derivative [PFPE (OH)] different from polyol (P) and comprising at least one (per)fluoropolyoxyalkylene chain (chain Rf) and at least one end-group selected from those having formulae -CF2CH2OH (t1) and -CF2CH2OCH2CH(OH)CH2OH (t2), said process comprising the following steps: step 1: reacting the mixture (M) with a ketone and/or an aldehyde so as to yield corresponding mixture of cyclic ketal/acetal (per)fluoropolyether derivatives [PFPEs (OH)p] [protected mixture (P)]; step 2: submitting the protected mixture (P) to adsorption on silica gel so as to yield an adsorbed protected product [adsorbed product (Pp)] and then recovering a desorbed protected product [desorbed product (Pp)] by subsequent desorption from silica gel of said adsorbed product (Pp); step 3: distilling the desorbed product (Pp) under reduced pressure so as to isolate a protected product residue [product (Pr)]; step 4: hydrolyzing the product (Pr) so as to obtain polyol (P).

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9310/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : IMPROVED DETECTION AND LOCATION OF WIRELESS FIELD DEVICES

(51) International classification	:G05B19/418
(31) Priority Document No	:61/178,757
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034949
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/132799 A8
(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)TOEPKE, TODD, M.

3)DEWEY, ALAN, R.

4)RUSSELL III, ALDEN, C.

5)ROTVOLD, ERIC, D.

(57) Abstract :

A method (60) of evaluating a potential location (30) to add a wireless field device (32) to an existing network of a plurality of existing wireless field devices (10) is provided. The method (60) includes placing (62) a handheld field maintenance tool (52) in the potential location (30) and causing the handheld field maintenance tool (52) to identify wireless field devices (10) within communicative range of the potential location (30). Information related to wireless communication at the potential location (30) is viewed. Methods (70, 250) are also provided for identifying a selected field device in a process installation using a handheld field maintenance tool (52).

No. of Pages : 27 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9312/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR RECOVERING CATALYTIC ELEMENTS FROM FUEL CELL MEMBRANE ELECTRODE ASSEMBLIES

(51) International classification	:H01M4/86	(71) Name of Applicant :
(31) Priority Document No	:12/466,903	1)BASF CORPORATION
(32) Priority Date	:15/05/2009	Address of Applicant :100 CAMPUS DRIVE, FLORHAM PARK, NJ 07932 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/030376	1)SHORE, LARRY
Filing Date	:08/04/2010	2)MATLIN, RAMAIL
(87) International Publication No	:WO 2010/132156 A2	3)HEINZ, ROBERT
(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 recovering catalytic elements from a fuel cell membrane electrode assembly is provided. The method includes converting the membrane electrode assembly into a particulate material, wetting the particulate material, forming a slurry comprising the wetted particulate material and an acid leachate adapted to dissolve at least one of the catalytic elements into a soluble catalytic element salt, separating the slurry into a depleted particulate material and a supermatant containing the catalytic element salt and washing the depleted particulate material to remove any catalytic element salt retained within pores in the depleted particulate material.

No. of Pages : 31 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9313/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-142308
(32) Priority Date	:15/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059527
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/147007
	A1
(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)MOURI, HIROKAZU

(57) Abstract :

The present invention provides a lighting device configured to produce light in a substantially uniform overall color. The lighting device 12 of the present invention includes a plurality of light source boards 20 and a plurality of point light sources 17. The point light sources 17 are mounted on the light source boards 20. An average color of the point light sources 17 is in an equivalent color range. The equivalent color range is defined by a square with two sides that are opposed sides each having an X-axis coordinate length of 0.015 and two sides that are opposed sides each having a Y-axis coordinate length of 0.015 in the CIE 1931 color space chromaticity diagram.

No. of Pages : 64 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9292/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MENINGOCOCCAL VACCINE BASED ON LIPOOLIGOSACCHARIDE (LOS) AND NEISSERIA MENINGITIDIS PROTEIN

(51) International classification	:A61K39/095
(31) Priority Document No	:0902330
(32) Priority Date	:14/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000368
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/130899
	A1
(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)MISTRETTA, NOELLE

4)MOREAU, MONIQUE

5)RENAULD-MONGENIE, GENEVIEVE

6)ROKBI, BACHRA

(57) Abstract :

The invention relates to a vaccine against N. meningitidis infections, comprising (i) an N. meningitidis LOS especially consisting of a lipid A, an inner core, and an L8-type a chain in which the heptose II residue of the inner core (a) carries a phosphoethanolamine (PEA) substituent in position 0-3, and does not carry a PEA substituent in positions 0-6 and O-7, or (b) carries a phosphoethanolamine (PEA) substituent in position 0-3 and in position 0-6 or 0-7; and (ii) the lipidated sub-unit B (TbpB) of the receptor of the human transferrine of an N. meningitidis strain or a lipid fragment of said TbpB.

No. of Pages : 65 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9322/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LUMINESCENT PARTICLES, METHODS AND LIGHT EMITTING DEVICES INCLUDING THE SAME

(51) International classification	:C09K11/02	(71) Name of Applicant :
(31) Priority Document No	:12/466,782	1)CREE, INC.
(32) Priority Date	:15/05/2009	Address of Applicant :4600 SILICON DRIVE, DURHAM, NC 27703 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/034835	1)COLLINS, BRIAN THOMAS
Filing Date	:14/05/2010	2)REIHERZER, JESSE COLIN
(87) International Publication No	:WO 2010/132732 A1	3)TUDORICA, FLORIN A.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A luminescent particle includes an interior portion of the luminescent particle comprising a luminescent compound that reacts with atmospherically present components and a passivating layer on an outer surface of the luminescent particle that is operable to inhibit the reaction between the luminescent compound and the atomospherically present components.

No. of Pages : 35 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9324/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LIGHT SOURCE UNIT, LIGHTING DEVICE, DISPLAY DEVICE, TELEVISION RECEIVER, AND METHOD OF MANUFACTURING REFLECTION SHEET FOR LIGHT SOURCE UNIT

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-142099
(32) Priority Date	:15/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056209
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/146915
	A1
(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)YOKOTA, MASASHI

(57) Abstract :

It is an object of the present invention to provide a light source unit enabling cost reduction. A light source unit of the present invention includes a plurality of LEDs 16, an LED board 17 having a surface on which the plurality of LEDs 16 is arranged, and an elongated reflection sheet 30 provided on the surface of the LED board 17 on which the LEDs are arranged. The reflection sheet 30 has a plurality of light-source-surrounding reflecting portions 31 surrounding the LEDs 16 in a plan view, and a plurality of connecting portions 32 connecting the adjacent light-source-surrounding reflecting portions 31. Each of the connecting portions 32 has a width Y2 narrower than a width Y1 of each of the light-source-surrounding reflecting portions in a short direction of the reflection sheet 30.

No. of Pages : 78 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9325/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AQUEOUS COATING MATERIAL AND PAINTED ARTICLE

(51) International classification	:C09D157/00
(31) Priority Document No	:2009-137288
(32) Priority Date	:08/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003801
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/143413
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HARAGUCHI, SHINSUKE

2)TANAKA, MOTOMI

3)NAKAMURA, JUNICHI

4)NATSUI, DAISUKE

(57) Abstract :

The present invention relates to an aqueous coating material containing polymer (I), colloidal silica (II), and nonionic surfactant (IE) with an HLB value of 16 or more. The polymer (I) is obtained by copolymerization of monomer mixture (M) that contains 0.2 to 10% by mass of monomer (a) having two or more radically polymerizable groups. The solid content of the colloidal silica (II) is 0.1 to 20 parts by mass with respect to 100 parts by mass of the polymer (I). The content of the nonionic surfactant (III) is 0.01 to 10 parts by mass with respect to 100 parts by mass of the polymer (I). The present invention also relates to a painted article where the aqueous coating material is applied. Therefore, an aqueous coating material and a painted article capable of expressing stain resistance and weather resistance can be provided by reducing a water contact angle.

No. of Pages : 42 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9341/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : INSULATING AND HEATING SAFETY DEVICE APPLICABLE TO WATERPROOF CLOTHES AND WORK CLOTHES

(51) International classification	:A41D13/005
(31) Priority Document No	:P200901238
(32) Priority Date	:18/05/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2010/000202
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/133725 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)SAVE-DUMMY, S.L.

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1 ° D, E-15960 RIVIERA (A CORUNA) Spain

(72)**Name of Inventor :**

1)SANTIAGO FONTAINA, JOSE MARIA

(57) Abstract :

The invention consists of a safety device that can easily be incorporated into any type of waterproof clothes and work clothes and is designed for protecting people who accidentally fall into the sea, insulation against low water temperatures, as well as a heat source that considerably prolongs survival time in low-temperature water being provided. The invention comprises: a main ring-shaped bag (1), the outermost part of which is provided with a plurality of long, narrow secondary bags (5); and a check valve (3) arranged on the surface of the main bag which contains sodium which, upon contact with water, causes a chemical reaction that seals possible points at which water could enter the clothing and further provides a heat source for the body.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9316/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-142251
(32) Priority Date	:15/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056216
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/146918
	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)SHARP KABUSHIKI KAISHA

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(72)Name of Inventor :

1)YOSHIKAWA, TAKAHIRO

(57) Abstract :

The present invention provides an art of properly fixing a light source board without using any screw. A backlight unit 12 according to the present invention includes an LED board 18 with an LED 17 as a light source, a chassis 14, an optical member 15, and a supporting member 20. The chassis 14 stores the LED board 18 therein and has an opening 14b through which light from the LED 17 exits. The optical member 15 is arranged so as to face the LED board 18 and to cover the opening 14b. The supporting member 20 supports the optical member 15 from the side of the LED board 18 . The supporting member 20 is fixed to the chassis 14 such that the LED board 18 is sandwiched between the supporting member 20 and the chassis 14.

No. of Pages : 126 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9395/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR PRODUCING CRYSTALLIZED POLYESTER

(51) International classification	:C08G63/02
(31) Priority Document No	:2009-143772
(32) Priority Date	:17/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060281
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/147176
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)HAMAGUCHI, MITSUSHIGE
2)NAOTSUKA, TAKUMA
3)TAKAHASHI, YOSHITAKAQ
4)TAKAHASHI TORU
5)OME, HIROYUKI**

(57) Abstract :

Disclosed is a method for producing a crystallized polyester, which comprises the crystallization step of applying a shear and/or a pressure to a polyester selected from an aliphatic polyester and a polyalkylene terephthalate at a temperature of (Tm - 70°C) to (Tm + 20°C), where Tm is a melting point of the polyester, thereby converting the polyester into a state having a crystallinity of 10% or more and fluidity. An object of the present invention is to provide a method for producing a polyester resin which has excellent processability and also has satisfactory crystallization properties.

No. of Pages : 110 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9398/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A HUB FOR A WIND TURBINE

(51) International classification	:F03D1/06
(31) Priority Document No	:PA200970006
(32) Priority Date	:18/05/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2010/050107
Filing Date	:17/05/2010
(87) International Publication No	:WO 2010/133228 A2
(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)VESTAS WIND SYSTEMS A/S

Address of Applicant :HEDEAGER 44, 8200, AARHUS N
Denmark

(72)Name of Inventor :

1)PEDERSEN, GUNNAR K. STORGAARD

(57) Abstract :

The present invention relates to a hub for a wind turbine comprising a first end facing a nacelle of the wind turbine and a second end facing a direction opposite the nacelle. The hub comprises at least one opening between the first and second end, which opening is adapted for receiving a wind turbine blade, and the hub is adapted to rotate in relation to the nacelle by means of the wind turbine blade. A self-supporting front structure is connected to the second end of the hub, the front structure extending from the second end of the hub and away from the nacelle and being arranged to support a spinner module, the spinner module being adapted to house the front structure and hub. The front structure comprises a projecting part, which is part of the self-supporting structure and can extend from the front structure and away from the nacelle and comprises a connection point.

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9403/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : WIDEBAND CORRELATION MODE SWITCHING METHOD AND APPARATUSES

(51) International classification	:G01S19/22
(31) Priority Document No	:12/491145
(32) Priority Date	:24/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039819
Filing Date	:24/06/2010
(87) International Publication No	:WO 2010/151667 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)CHEN SHIOU-HUNG

2)PON RAYMAN WAI

3)SIMIC EMILIJA M.

(57) Abstract :

Methods and apparatus are provided for use in devices operatively enabled to perform waveform correlation result processing.

No. of Pages : 48 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9405/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ASSISTING FAILURE MODE AND EFFECTS ANALYSIS OF A SYSTEM

(51) International classification	:G05B17/02
(31) Priority Document No	:0910145.2
(32) Priority Date	:12/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050942
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/142977 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)BAE SYSTEMS PLC

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HAMPSHIRE GU14 6YU U.K.

(72)Name of Inventor :

1)NEAL SNOOKE

(57) Abstract :

A system and method of assisting with failure mode and effects analysis of a system includes obtaining data describing a set of symptoms (210) and a set of faults (212), and symptom-fault association data (216) describing which of the symptoms are indicative of which of the faults. Data describing a set of measurements (208), and measurement-symptom association data (214) describing which of the measurements detect which of the symptoms is also obtained. User input representing a selection (404, 408) of at least one of the faults and at least one of the measurements is received and data representing a graphical display (410, 412) is generated to simultaneously show relationships between the selected fault(s) and the symptoms associated with the selected fault(s), and relationships between the selected measurement(s) and the symptoms associated with the selected measurement(s).

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9359/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-144350
(32) Priority Date	:17/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057038
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/146931
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)YOKOTA, MASASHI

(57) Abstract :

It is an object of the present invention to provide a display device that can be provided as a final product such as a television receiver simply by assembling a display panel and a backlight and can prevent or suppress scratches due to swing or the like of an optical member. A display device 100 of the present invention includes a first cabinet Ca to which a display panel 11 is attached and a second cabinet Cb to which a light source 50 is attached. The first cabinet Ca and the second cabinet Cb are assembled with an optical member 20, which diffuses light from the light source 50, held between the cabinets. The optical member 20 includes a first optical member 22 having relatively large weight and a second optical member 21 having relatively small weight. The first optical member 22 is pressed by the top of a projection 14a (38a) provided in at least one of the first cabinet Ca and the second cabinet Cb.

No. of Pages : 49 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9436/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : RELEASE COMPOSITIONS FOR LIGNOCELLULOSIC COMPOSITES

(51) International classification	:C08G18/00
(31) Priority Document No	:61/187,379
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038603
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/147936 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)GRIGSBY, JR., ROBERT A.

2)MORIARTY, CHRISTOPHER, J.

3)SINGH, SACHCHIDA, NAND

4)SMITH, GEORGE, A.

(57) Abstract :

Lignocellulosic composites are made by pressing a mixture of a particulate lignocellulosic material with polymeric MDI, in the presence of a fatty amine ethoxylate anti-masking agent.

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9438/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AROMATIC POLYETHER SULFONE BLOCK COPOLYMERS

(51) International classification	:C08G65/00
(31) Priority Document No	:09162858.6
(32) Priority Date	:16/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058390
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/146052
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :67056, LUDWIGSHAFEN Germany

(72)Name of Inventor :

1)KHVOROST, ALEXANDER

2)WEBER, MARTIN

3)SCHMIDT, CHRISTIAN

4)BELACK, JORG

5)GIBON, CECILE

6)V. BERNSTORFF, BERND-STEFFEN

(57) Abstract :

An aromatic polyether sulfone block copolymer comprises hydrophilic segments which have sulfonic acid groups and hydrophobic segments which have no sulfonic acid groups, wherein the proportion by weight of hydrophilic segments is from 0.02 to 0.35.

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9441/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LUBRICANT OIL COMPOSITION

(51) International classification	:C10M135/10
(31) Priority Document No	:2009-145650
(32) Priority Date	:18/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059623
Filing Date	:07/06/2010
(87) International Publication No	:WO 2010/147016
	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)IDEMITSU KOSAN CO., LTD.

Address of Applicant :1-1, MARUNOUCHI 3-CHOME,
CHIYODA-KU, TOKYO 100-8321 Japan

(72)Name of Inventor :

1)KAMANO, HIDEKI

(57) Abstract :

A lubricant oil composition which is excellent in wear resistance, high temperature detergency and base number retaining property, despite its low phosphorus content, low sulfur content and low sulfuric acid ash content, is provided at a low cost by compounding a sulfonamide compound having a specific structure in a base oil.

No. of Pages : 47 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9442/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM FOR GENERATING PRESSURE WAVES IN AN UNDER WATER ENVIRONMENT

(51) International classification	:G01V1/38
(31) Priority Document No	:MI2009A000929
(32) Priority Date	:26/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/003048
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010//136142 A2
(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)CARCATERRA, ANTONIO

2)CALCAGNI, DAVIDE

3)SANDRONI, STEFANO CARIO LUIGI

(57) Abstract :

System for generating pressure waves for deep seismic surveys operating in an underwater environment below the surface, suitable for investigating subcrustal objectives for prospecting purposes in the search for hydrocarbons and/or minerals. The system comprises one or more autonomous underwater vehicles organized in swarms, independent and coordinated, each housing one or more autonomous acoustic sea sources with self-propelled striker pistons. This system is served by a system of supporting surface stations, for reprovisioning, recovery actions, checking the well-being of the single vehicles and swarms and maintenance. The system is capable of using both conventional and non-conventional self-charged acoustic sea seismic sources. The system is capable of replicating the effect of a conventional source operated from the surface. The seismic sea source of the non-conventional acoustic type, proposed herein, can release a high-intensity pressure wave produced by a system of two striker pistons, which does not consume air when operating as it does not disperse air or another gas in water and does not produce mass variations of the device during its functioning and allows the amplitude and duration of the sound wave emitted and characteristics of the emission spectrum, to be regulated.

No. of Pages : 55 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9410/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ARCHITECTURE FOR POWER PLANT COMPRISING CLUSTERS OF POWER-GENERATION DEVICES

(51) International classification	:G05F1/10	(71) Name of Applicant :
(31) Priority Document No	:61/179606	1)MAXOUT RENEWABLES, INC.
(32) Priority Date	:19/05/2009	Address of Applicant :6111 SOUTHFRONT ROAD, SUITE F, LIVERMORE, CALIFORNIA-94551 U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/035368	(72) Name of Inventor :
Filing Date	:19/05/2010	1)CUMMINGS, ERIC, BRYANT
(87) International Publication No	:WO 2010/135406 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various techniques are employed alone or in combination, to reduce the leveled cost of energy imposed by a power plant system. Solar energy concentrators in the form of inflated reflectors, focus light onto photo voltaic receivers. Multiple concentrators are grouped into a series-connected cluster that shares control circuitry and support structure. Individual concentrators are maintained at their maximum power point via balance controllers that control the flow of current that shunts this series connection. DC current from clusters is transmitted moderate distances to a centralized inverter. The inductance of transmission lines is maximized using an air-spaced twisted pair, enhancing the performance of boost-type three phase inverters. Cluster outputs are separate from individual inverters in massively interleaved arrays co-located at a central location. Step-up transformers convert inverter voltages to grid voltages, and small transformers provide isolation and voltage step-up only on receiver-to-receiver imbalance currents, typically

No. of Pages : 131 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9470/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CATALYST COMPONENTS FOR THE POLYMERIZATION OF OLEFINS AND CATALYSTS THEREFROM OBTAINED

(51) International classification	:C08F10/00	(71) Name of Applicant :
(31) Priority Document No	:09163141.6	1)BASELL POLIOLEFINE ITALIA S.R.L.
(32) Priority Date	:18/06/2009	Address of Applicant :VIA PERGOLESI 25, I-20124 MILANO Italy
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/058429	1)LIGUORI, DARIO
Filing Date	:16/06/2010	2)DALL'OCCO, TIZIANO
(87) International Publication No	:WO 2010/146072	3)MORINI, GIAMPIERO
	A1	4)PATER, JOACHIM, T. M.
(61) Patent of Addition to Application Number	:NA	5)VITALE, GIANNI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Catalyst components for the polymerization of olefins CH₂=CHR wherein R is hydrogen or a hydrocarbon radical having 1-12 carbon atoms, comprising Mg, Ti, C1 and a compound (L) or its derivatives, selected from condensed cyclic structures which are formed by at least an aromatic ring and which are substituted with at least two hydroxy groups, said C1 and Ti atoms being in an amount such as to have a molar ratio ranging from 5 to 50.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9478/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SEPARATION OF FLUID CATALYTIC CRACKING EQUILIBRIUM CATALYSTS TO IMPROVE VALVE AND REDUCE WASTE

(51) International classification	:B01J38/72	(71) Name of Applicant :
(31) Priority Document No	:61/216,421	1)INTEGRATED & PROVEN CATALYST TECHNOLOGIES CORPORATION
(32) Priority Date	:18/05/2009	Address of Applicant :2437 BAY AREA BLVD., #37, HOUSTON, TEXAS-77058 U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/035176	(72) Name of Inventor :
Filing Date	:18/05/2010	1)QUINONES, AUGUTO, R.
(87) International Publication No	:WO 2010/135273 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Useful portions of equilibrium catalyst from a Fluid Catalytic Cracking unit are obtained by fractionating to obtain a narrow size fraction, followed by separation of the narrow size fraction using density as a fractionating criterion. Size fractionating may be performed in vibrating sieves, and the density fractionating may be performed in an air cyclone. Both beneficial and detrimental fractions can be identified; In one embodiment, large particles are removed from ECAT to improve the coking factor.

No. of Pages : 35 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9482/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : REVISION CONNECTOR FOR SPINAL CONSTRUCTS

(51) International classification	:A61B17/70
(31) Priority Document No	:61/187902
(32) Priority Date	:17/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039037
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/148231 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MONTELLO, ALBERT

2)LEVIN, OLEG

3)STRAUSBAUGH, WILLIAM

4)KUEENZI THOMAS

(57) Abstract :

An extender system is configured to couple a vertebral bone anchor that has been previously implanted in a vertebra, or is newly implantable in a vertebra, to an adjacent bone, which can be an additional spinal level or an occiput, for example. The extender system includes an extension member having a body and an engagement member coupled to the body. The extension member defines an aperture extending through the engagement member. A screw is configured to attach the extension member to the vertebral bone anchor. The extension member can be fastened to the adjacent bone.

No. of Pages : 53 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9484/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BISPECIFIC ANTIGEN BINDING PROTEINS

(51) International classification	:C07K16/46
(31) Priority Document No	:09007857.7
(32) Priority Date	:16/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/003559
Filing Date	:14/06/2010
(87) International Publication No	:WO 2010/145792
	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)F. HOFFMANN-LA ROCHE AG

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(72)Name of Inventor :

1)IMHOF-JUNG, SABINE

2)KLEIN,CHRISTIAN

3)REGULA, JOERG, THOMAS

4)SCHAEFER, WOLFGANG

5)SCHANZER JUERGEN, MICHAEL

(57) Abstract :

The present invention relates to bispecific antigen binding proteins, methods for their production, pharmaceutical compositions containing said antibodies, and uses thereof.

No. of Pages : 68 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9461/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HIGH DENSITY, LOW JITTER, SYNCHRONOUS USB EXPANSION

(51) International classification	:G06F1/10
(31) Priority Document No	:61/179,904
(32) Priority Date	:20/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2010/000601
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/132940 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)FOSTER, PETER GRAHAM

(57) Abstract :

A method of providing expansion of a USB network, the method comprising attaching a plurality of USB hubs to adjacent slots in a PXI instrumentation chassis; configuring one of said USB hubs as a primary USB Hub; connecting an upstream port of said primary USB Hub to a USB network; configuring a first downstream port of said primary USB Hub to communicate across a first PXI Local Bus to a first adjacent USB Hub of said plurality of USB Hubs other than said primary USB Hub, said first adjacent USB Hub being adjacent to said primary USB Hub; configuring a plurality of other downstream ports of said primary USB Hub to provide expansion of said primary USB Hub; connecting an upstream port of said first adjacent USB Hub to said first PXI Local Bus, wherein said first PXI Local Bus is in the direction of said primary USB Hub; and configuring a plurality of other downstream ports of said first adjacent USB Hub to provide expansion of the first adjacent USB Hub. A method as claimed in claim 1, wherein there are three or more USB hubs attached to adjacent slots in the PXI instrumentation chassis, the method further comprising: configuring a first downstream port of said first adjacent USB Hub to communicate across a second PXI Local Bus to a second adjacent USB Hub of said plurality of USB Hubs other than said primary USB Hub, said second adjacent USB Hub being adjacent to said first adjacent USB Hub; and configuring any other of said USB hubs in a like manner.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9469/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : POLYMER FOAMS

(51) International classification	:C08J9/04
(31) Priority Document No	:61/218,238
(32) Priority Date	:18/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038498
Filing Date	:14/06/2010
(87) International Publication No	:WO 2010/147888 A2
(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)3M INNOVATIVE PROPERTIES COMPANY

Address of Applicant :3M CENTER, POST OFFICE BOX
33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.

(72)Name of Inventor :

1)ZOLLER, PANU K.

(57) Abstract :

Polymer foams, including acrylic foams, comprising low amounts of high-surface-area silica are described. Methods of preparing such foams and articles comprising such foams are also described.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9518/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF IMPACT RESISTANT PROPYLENE POLYMER COMPOSITIONS

(51) International classification	:C08F10/06	(71) Name of Applicant :
(31) Priority Document No	:09163192.9	1)BASELL POLIOLEFINE ITALIA S.R.L.
(32) Priority Date	:19/06/2009	Address of Applicant :VIA PERGOLESI 25, I-20124 MILANO Italy
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/058437	1)COLLINA, GIANNI
Filing Date	:16/06/2010	2)CIARAFONI, MARCO
(87) International Publication No	:WO 2010/146074	3)FUSCO, OFELIA
	A1	4)GADDI, BENEDETTA
(61) Patent of Addition to Application Number	:NA	5)GALVAN, MONICA
Filing Date	:NA	6)MORINI, GIAMPIERO
(62) Divisional to Application Number	:NA	7)PANTALEONI, ROBERTO
Filing Date	:NA	8)VERROCCHIO, FRANCESCA

(57) Abstract :

A process for the preparation of propylene polymer compositions carried out in the presence of a catalyst system comprising (a) a solid catalyst component having average particle size ranging from 15 to 80 μm comprising a magnesium halide, a titanium compound having at least a Ti-halogen bond and at least two electron donor compounds one of which being present in an amount from 50 to 90% by mol with respect to the total amount of donors and selected from succinates and the other being selected from 1,3 diethers, (b) an aluminum alkyl and optionally (c) an external electron donor compound, and comprising the following steps: (i) contacting the catalyst components (a), (b) and optionally (c); (ii) pre-polymerizing up to forming amounts of polymer from about 0.1 up to about 1000 g per gram of solid catalyst component (a); (iii) polymerizing propylene producing a propylene (co)polymer being for at least 85% by weight of insoluble in xylene at 25 °C and (iv) in a successive step, carried out in gas-phase, polymerizing mixtures of ethylene with α -olefins $\text{CH}_2=\text{CHR}$ in which R is a hydrocarbon radical having 1-10 carbon atoms, to produce the said ethylene copolymer.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9522/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LIGHT SOURCE DEVICE, ILLUMINATING DEVICE, BACKLIGHT DEVICE, LIQUID CRYSTAL DISPLAY DEVICE AND DISPLAY DEVICE

(51) International classification	:F21S2/00	(71)Name of Applicant :
(31) Priority Document No	:2009-124143	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:22/05/2009	Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2010/056811	1)TAKEUCHI, HIDEO
Filing Date	:16/04/2010	2)FUJITA, TOSHIYUKI
(87) International Publication No	:WO 2010/134408	3)SUGAHARA, TATSUO
	A1	4)KAWAMURA, YUUKI
(61) Patent of Addition to Application Number	:NA	5)YAHATA, MAMORU
Filing Date	:NA	6)TAKAHASHI, HIROSHI
(62) Divisional to Application Number	:NA	7)ITO, KEITA
Filing Date	:NA	8)TOSHIYUKI, KENZO
		9)ITO, KENICHIRO
		10)NAKAMICHI, KAZUKI
		11)SASAKI, TOMOO
		12)MORIBE, KENTA

(57) Abstract :

Provided are a light source device and a display device which can enhance a workability in an attachment of a circuit board to an attaching member. Concave marks 31, 32 and 33 indicative of an orientation of a circuit board 2 are formed on the circuit board 2, convex indices 51, 52 and 53 to be engaged with the marks 31, 32 and 33 are formed in a position in which the circuit 2 is to be attached. An operator can confirm the orientation of the circuit board 2 easily and accurately by visually recognizing the marks 31, 32 and 33 and touching the marks 31, 32 and 33 with a finger. Moreover, the operator can position the circuit board 2 easily, accurately and uniquely by engaging the marks 31, 32 and 33 with the indices 51, 52 and 53.

No. of Pages : 429 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9485/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : APPARATUS FOR TREATING DIESEL ENGINE EXHAUST GAS

(51) International classification	:F01N3/02
(31) Priority Document No	:2009-144173
(32) Priority Date	:17/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060160
Filing Date	:16/06/2010
(87) International Publication No	:WO 2010/147127
	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)HITACHI CONSTRUCTION MACHINERY CO., LTD.
Address of Applicant :5-1, KORAKU 2-CHOME, BUNKYO-KU, TOKYO Japan

(72)**Name of Inventor :**

1)MINAMI, WATARU
2)YAMAMOTO, HIKARU

(57) Abstract :

An apparatus for treating Diesel engine exhaust gas includes a filter unit which is located in the upstream side of a flow passage in a Diesel engine exhaust duct, the filter unit being composed of a plural number of filter chambers which are thermally insulated from each other and selectively opened for admission of the exhaust gas. Located in the downstream side is a nitrogen oxide treatment section to induce reactions between nitrogen oxides and reductant gas components of the exhaust gas. The exhaust gas is admitted into one of the filter chambers in one time period to trap particulate material on a filter in a filter chamber while letting reductant gas components of the exhaust gas pass through toward the nitrogen oxide treatment section which is located in the downstream side. In the nitrogen oxide treatment section, reducing reactions are induced between nitrogen oxides and reductant gas components of the exhaust gas in the presence of a nitrogen oxide reduction catalyst. Concurrently, in a filter chamber which is disconnected from an exhaust gas inlet passage, a heater is turned on to burn off particulate matter trapped on a filter in a filter chamber.

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9487/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR PRODUCING ADIPIC ACID CRYSTALS

(51) International classification	:C07C51/43
(31) Priority Document No	:09 54014
(32) Priority Date	:16/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/057924
Filing Date	:07/06/2010
(87) International Publication No	:WO 2010/145961 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)RHODIA OPERATIONS

Address of Applicant :40, RUE DE LA HAIE COQ. F-93306
AUBERVILLIERS France

(72)Name of Inventor :

1)CARVIN, PHILIPPE

2)FOUCHER, STEPHANIE

(57) Abstract :

The present invention relates to a process for producing adipic acid crystals. It relates, more particularly, to a process for recovering adipic acid in the form of crystals having a low content of impurities, which are obtained by crystallization steps starting from, in particular, adipic acid synthesis reaction media. According to the invention, the purification process comprises a step of grinding the crystals in order to facilitate the removal or displacement of the impurities enclosed in the crystals.

No. of Pages : 13 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9531/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : USE OF ANAEROBIC DIGESTION TO DESTROY BIOHAZARDS AND TO ENHANCE BIOGAS PRODUCTION

(51) International classification	:A62D3/02	(71) Name of Applicant :
(31) Priority Document No	:61/216,746	1)HIGHMARK RENEWABLES RESEARCH LIMITED PARTNERSHIP
(32) Priority Date	:21/05/2009	Address of Applicant :P.O. BOX 130, VEGREVILLE, ALBERTA T9C 1R1 Canada
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/CA2010/000752	1)LI, XIAOMEI
Filing Date	:20/05/2010	2)GAO, TIEJUN
(87) International Publication No	:WO 2010/132987 A1	
(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 systems and methods for using the anaerobic digestion (AD) process, especially thermophilic anaerobic digestion (TAD), to destroy biohazard materials including prion-containing specified risk materials (SRM), viral, and/or bacterial pathogens, etc. The added advantage of the invention also includes using feedstocks that may contain such biohazard materials to achieve enhanced biogas production, in the form of improved biogas quality and quantity.

No. of Pages : 56 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9533/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS AND DEVICE/EQUIPMENT FOR PROCESS-MONITORING AND PROCESS-REGULATION FOR EXPANDING OF U-ING, O-ING AND EXPANDING (UOE) TUBES MADE OF STEEL

(51) International classification	:B21D39/20	(71) Name of Applicant :
(31) Priority Document No	:10 2009 030 152.6	1)EUROPIPE GMBH
(32) Priority Date	:19/06/2009	Address of Applicant :WIESENSTRASSE 36, 45473
(33) Name of priority country	:Germany	MULHEIM Germany
(86) International Application No	:PCT/DE2010/000558	(72) Name of Inventor :
Filing Date	:12/05/2010	1)MULLER, LARS
(87) International Publication No	:WO 2010/145630 A1	2)GROSS-WEEGE, JOHANNES
(61) Patent of Addition to Application Number	:NA	3)OESTERLEIN, LUDWIG
Filing Date	:NA	4)WULF, SIEGMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method and a device for performing the method, comprising an expander tool, which can be inserted into a pipe and which comprises a tool bead that is arranged on a pull rod and has segments which can be spread in the radial direction, and a head roller, which is arranged thereon and can be adapted in the radial position thereof to the particular pipe diameter to be calibrated, for supporting the expander tool on die pipe, and a support roller, which supports the pipe to be calibrated. According to the invention, the head roller has a measuring device for recording the supporting force acting on the head roller during the expansion. Furthermore, the invention relates to an evaluating and monitoring unit for the measured values and a signal unit that indicates a deviation from specified tolerance thresholds.

No. of Pages : 10 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9526/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DEVICE FOR ATTACHING THE FRONT FENDER OF AUTOMOBILE BODYWORK

(51) International classification	:B62D25/16
(31) Priority Document No	:0954187
(32) Priority Date	:19/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050980
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/146263
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :ROUTE DE GISY, F-78140 VELIZY
VILLACOUBLAY France

(72)Name of Inventor :

1)BENANE, SAID

(57) Abstract :

The present invention relates to a device for attaching the front of a front fender (7) to the structure of a vehicle, in particular an automobile, including a linking part connected to the structure of the vehicle, as well as to the front of the front fender of the vehicle, and having at least one weakening area enabling the linking part to be deformable for enabling a controlled movement of the front of the front fender (7) relative to the vehicle structure in the event of an impact.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9550/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : COMPOSITION OF A BLEND OF POLYAMIDE AND POLYESTER RESINS

(51) International classification	:C08L77/02
(31) Priority Document No	:0954138
(32) Priority Date	:19/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/058594
Filing Date	:18/06/2010
(87) International Publication No	:WO 2010/146143
	A1
(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)LIM, MOK-KEUN
2)LEE, KWANG-SANG
3)YU, YEONG CHOOL**

(57) Abstract :

The present invention relates to a resin blend composition of a polyamide resin and a polyester resin, which includes a polyamide resin, a polyester resin and an epoxy resin. The resin blend composition according to the present invention has improved compatibility between the polyamide resin and the thermoplastic polyester resin, and therefore has superior mechanical properties (strength, bending strength, elasticity, abrasion resistance, impact strength), chemical properties (solvent resistance), thermal resistance, dimensional stability, paintability, etc.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9553/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BIFIDOBACTERIA FOR TREATING DIABETES AND RELATED CONDITIONS

(51) International classification	:A61K31/65
(31) Priority Document No	:61/218,563
(32) Priority Date	:19/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/052757
Filing Date	:18/06/2010
(87) International Publication No	:WO 2010/146568
	A2
(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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DK 1001 COPENHAKEN K Denmark

(72)Name of Inventor :

1)BURCELIN, REMY

2)CARCANO, DIDIER

3)LAHTINEN, SAMPO

(57) Abstract :

This invention relates to new uses of Bifidobacteria (particularly, although not exclusively, probiotic Bifidobacteria), and to food products, feed products, dietary supplements and pharmaceutical formulations containing them. The bacteria are suitable for the treatment of diabetes (particularly Type 2 diabetes), obesity and related conditions, metabolic syndrome, insulin resistance, and impaired glucose metabolism and consequences thereof, lowering tissue inflammation, treating hepatitis, myositis and cardiovascular conditions.

No. of Pages : 60 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2011

(21) Application No.9604/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : INTEGRATED POWER AMPLIFIER WITH LOAD INDUCTOR LOCATED UNDER IC DIE

(51) International classification	:H01L23/64
(31) Priority Document No	:61/221,483
(32) Priority Date	:29/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040488
Filing Date	:29/06/2010
(87) International Publication No	:WO 2011/008562 A2
(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)THOMAS A. MYERS

3)NORMAN L. FREDERICK JR.

4)YU ZHAO

5)BABAK NEJATI

6)NATHAN M. PLETCHER

7)ARISTOTELE HADJICHRISTOS

(57) Abstract :

A compact integrated power amplifier is described herein. In an exemplary design, an apparatus includes (i) an integrated circuit (IC) die having at least one transistor for a power amplifier and (ii) an IC package having a load inductor for the power amplifier. The IC die is mounted on the IC package with the transistor(s) located over the load inductor. In an exemplary design, the IC die includes a transistor manifold that is placed over the load inductor on the IC package. The transistor(s) are fabricated in the transistor manifold, have a drain connection in the center of the transistor manifold, and have source connections on two sides of the transistor manifold. The IC die and the IC package may include one or more additional power amplifiers. The transistor(s) for each power amplifier may be located over the load inductor for that power amplifier.

No. of Pages : 34 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2011

(21) Application No.9606/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : GAIN CONTROL LINEARITY IN AN RF DRIVER AMPLIFIER TRANSMITTER

(51) International classification	:H03G1/00
(31) Priority Document No	:61/222,061
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040682
Filing Date	:30/06/2010
(87) International Publication No	:WO 2011/002942 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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DIEGO, CALIFORNIA 92121 U.S.A.

(72)Name of Inventor :

1)DEVAVRATA V. GODBOLE

(57) Abstract :

An exemplary apparatus is disclosed that comprises a plurality of voltage to current transducers to convert an input signal voltage into a plurality of input signal currents and a cascode stage. The cascode stage is coupled to the voltage to current transducers to provide amplifier gain control. The cascode stage comprises a thin gate oxide transistor and a thick gate oxide transistor.

No. of Pages : 19 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9541/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SHIELDED ELECTRICAL CABLE

(51) International classification	:H01B11/10
(31) Priority Document No	:61/218,739
(32) Priority Date	:19/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038943
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/148165 A2
(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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33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.

(72)Name of Inventor :

1)GUNDEL, DOUGLAS B.

(57) Abstract :

A shielded electrical cable includes a conductor set and a shielding film. The conductor set includes one or more substantially parallel longitudinal insulated conductors. The shielding film includes a cover portion partially covering the conductor set, and parallel portions extending from both sides of the conductor set.

No. of Pages : 84 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2011

(21) Application No.9610/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SHIFT REGISTER, DISPLAY-DRIVING CIRCUIT, DISPLAYING PANEL, AND DISPLAYING DEVICE

(51) International classification	:G09G3/36	(71) Name of Applicant :
(31) Priority Document No	:2009-144748	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:17/06/2009	Address of Applicant :22-22 NAGAIKE-CHO ABENO-KU OSAKA-SHI OSAKA 5458522 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/001962	1)SHIGE FURUTA
Filing Date	:18/03/2010	2)MAKOTO YOKOYAMA
(87) International Publication No	:WO 2010/146752	3)YASUSHI SASAKI
	A1	4)YUHICHIROH MURAKAMI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a shift register of a display-driving circuit which carries out simultaneous selection of a plurality of signal lines by using a simultaneous selection signal (AONB-signal). A stage of the shift register includes (i) a set-reset type flip-flop and (ii) a signal generating circuit which generates an output signal of the stage by selectively outputting a signal in response to an output of the flip-flop. The output signal (e.g., OUTn-signal) of the stage (i) becomes active due to an activation of the simultaneous selection signal and then (ii) remains active while the simultaneous selection is being performed, and the output (Qn-signal) from the flip-flop is inactive (Low) during a period in which a setting signal (SBn) and a resetting signal (Rn) are both being active. This makes it possible to quickly carry out the simultaneous selection of all the signal lines and the initialization of the shift register.

No. of Pages : 95 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.9630/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MANUFACTURE OF WIND TURBINE ENHANCEMENT SYSTEMS

(51) International classification	:F03D11/00
(31) Priority Document No	:61/180,949
(32) Priority Date	:26/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/052335
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/136976
	A3
(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)FARB, DANIEL

2)HARELI, GADI

3)VAN ZWAREN, JOE

4)KOLMAN, KEN

5)FARKASH, AVNER

(57) Abstract :

Aspects of the manufacturing of Flow Deflection Devices (FDDs) for wind turbines are presented as a system that requires adjustments in order to improve power output and adjust for changes in different conditions yet provides stability of shape.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.9632/CHENP/2011 A

(43) Publication Date : 15/02/2013

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

(51) International classification	:B60R16/02	(71) Name of Applicant : 1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU TOKYO, 107-8556 Japan
(31) Priority Document No	:2009-179289	
(32) Priority Date	:31/07/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/061920	(72) Name of Inventor :
Filing Date	:14/07/2010	1)HASHIMOTO, KANEAKI
(87) International Publication No	:WO 2011/013514	2)YOKOYAMA, SADAHIRO
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An operation system for a vehicle includes, a display unit; a proximity detecting unit that detects that a part of a human body approaches the display unit; a position specifying unit that specifies positions on the display unit where the part of the human body approached on the basis of a detection result of the proximity detecting unit; and a display controlling unit that makes an icon display screen, which displays icons corresponding to respective operation items of a plurality of in-vehicle devices, and a selection screen, which selects set values or operation modes of the operation items corresponding to the icons which are displayed at the positions when the positions are specified by the position specifying unit, are displayed on the display unit; wherein the icons are formed of at least characters or figures representing the set values or the operation modes that are currently selected, and wherein the display controlling unit makes the icon display screen, on which all operable icons are displayed, be displayed on one screen of the display unit.

No. of Pages : 40 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.9634/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR PRODUCING A PLASTIC ARTICLE AND BLOW MOLDING TOOL

(51) International classification	:B29C49/18
(31) Priority Document No	:102009030492.4
(32) Priority Date	:24/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/003752
Filing Date	:22/06/2010
(87) International Publication No	:WO 2010/149336
A2	
(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)KAUTEX MASCHINENBAU GMBH

Address of Applicant :KAUTEXSTR. 54, 53229, BONN
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(72)Name of Inventor :

1)HEIM, VOLKER

2)LICHTENAUER, ANDREAS

3)MOITZHEIM, JURGEN

4)WALBROEL, STEFAN

(57) Abstract :

The invention relates to a method for producing a plastic article and a blow molding tool for performing the method. The method comprises extruding an approximately tube-shaped preform, dividing the stream of melt that is inside the extruder head or separating the extrudate that is emerging, or has already emerged, from the extruder head in such a way that a preform with an approximately C-shaped cross section is obtained and re-forming the preform into a hollow body within a blow molding tool by applying differential pressure, characterized in that firstly expansion and partial preforming of the preform take place with the blow molding tool partially closed, in a further step, at least one insert is introduced between the not completely closed blow molding tool and through the open side of the preform into the interior of the partially preformed article, and, in a further step, the blow molding tool is completely closed, wherein the article is completely formed, while forming an at least partially circumferential pinch-off seam.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2011

(21) Application No.9608/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ENHANCING DEVICE RELIABILITY FOR VOLTAGE CONTROLLED OSCILLATOR (VCO) BUFFERS UNDER HIGH VOLTAGE SWING CONDITION

(51) International classification	:H03L5/00
(31) Priority Document No	:61/222064
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040681
Filing Date	:30/06/2010
(87) International Publication No	:WO 2011/002941 A1
(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)CHINMAYA MISHRA

2)RAJAGOPALAN RANGARAJAN

3)HONGYAN YAN

(57) Abstract :

A circuit for a voltage controlled oscillator (VCO) buffer is described. The circuit includes a first capacitor connected to an input of the VCO buffer that is connected to a VCO core. The circuit also includes a second capacitor connected to the input of the VCO buffer and the gate of a p-type metal-oxide-semiconductor field effect (PMOS) transistor. The circuit further includes a first switch connected to the first capacitor and the gate of the PMOS transistor. The circuit also includes a third capacitor connected to the input of the VCO buffer. The circuit further includes a fourth capacitor connected to the input of the VCO buffer and the gate of an n-type metal-oxide-semiconductor field effect (NMOS) transistor. The circuit also includes a second switch connected to the third capacitor and the gate of the NMOS transistor.

No. of Pages : 44 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9681/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : STATOR OF VEHICLE AC GENERATOR AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:H02K3/44
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/061395
Filing Date	:23/06/2009
(87) International Publication No	:WO 2010/150354
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)TANAKA, KAZUNORI

2)MASUDA, TAKATOSHI

(57) Abstract :

In a vehicle AC generator, a stator core (42) is formed by laminating thin steel sheets, the stator core (42) being provided with a plurality of slot portions (43) which accommodate a stator winding (41) and tooth portions (44) which define adjacent ones of the slot portions; the stator winding (41) is disposed in the slot portions to constitute a stator (4); the stator core (42) is filled with varnish (45) between laminates of each tooth (44) at least in an inner diameter end surface region which faces the rotor (3) and is coated with epoxy resin varnish (46) on the tooth surface of the inner diameter end surface region to form an anti-rust film.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.9754/CHEP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : LIGHT-ACTIVATED ANTIMICROBIAL ARTICLE AND METHOD OF USE

(51) International classification

:A61L2/08

(31) Priority Document No

:61/220505

(32) Priority Date

:25/06/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/039577

Filing Date

:23/06/2010

(87) International Publication No

:WO 2010/151563 A1

(61) Patent of Addition to Application Number

:NA

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

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2)SHERMAN, AUDREY, A.

3)MEIS, MICHAEL, A.

4)BOULOS, MARIE, A.

5)LANDGREBE, KEVIN, D.

6)SCHAFFER, KEVIN, R.

7)SCHOLZ, MATTHEW, T.

8)TRAN, THU-VAN,T.

9)STEPANOVA, NARINA, Y.

10)YLITALO, CAROLINE M.

(57) Abstract :

Light-activated antimicrobial devices and articles are disclosed. The devices include a light source and a light-activated antimicrobial article comprising a photosensitizer and a viscoelastic material such as a pressure sensitive adhesive adapted to receive light from the light source. The viscoelastic material may be adapted to transport light by total internal reflection. The photosensitizer may comprise a dye, a metal oxide or a composition that comprises anions that oxidize or react to form a gas. Upon activation of the light source, the photosensitizer absorbs light from the light source such that antimicrobial activity is exhibited. The photosensitizer may be included in the light-activated antimicrobial article or it may be provided as a topical composition that is separate from the article. The light-activated antimicrobial articles and devices may have constructions similar to those of wound dressings.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.9766/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHODS OF USING CORTICOTROPIN RELEASING FACTOR FOR THE TREATMENT OF CANCER

(51) International classification	:A61K38/22
(31) Priority Document No	:61/220,055
(32) Priority Date	:24/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/003781
Filing Date	:24/06/2010
(87) International Publication No	:WO 2010/149357
	A3
(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)EVENS-FREKE, STEPHEN

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(72) **Name of Inventor :**

1)EVENS-FREKE, STEPHEN

(57) Abstract :

Provided herein are methods of treating cancer in a human by administering CRF, optionally in combination with a second agent, such as an angiogenesis inhibitor.

No. of Pages : 84 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.9769/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CHROMENE COMPOUND

(51) International classification	:C07D491/107
(31) Priority Document No	:2009-150798
(32) Priority Date	:25/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060936
Filing Date	:22/06/2010
(87) International Publication No	:WO 2010/150905
	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)TOKUYAMA CORPORATION

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(72)**Name of Inventor :**

1)TAKAHASHI, TOSHIAKI

2)TAKENAKA, JUNJI

3)TERANISHI, KAZUHIRO

(57) Abstract :

A chromene compound which contains a skeleton represented by the following formula (1) and has high color : optical density at the time of exposure, double peak characteristic, little initial coloration, a practical fading speed and durability. (wherein R1 is an electron donor group having a Hammett constant of less than 0, the ring including X is a hetero ring formed together with the 7-position and 8-position carbon atoms, and X is an oxygen atom, sulfur atom or group represented by =NR2 directly bonded to the 7-position carbon atom.)

No. of Pages : 97 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.9642/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HEADGEAR-EARWEAR ASSEMBLY AND A METHOD OF ASSEMBLING SAME

(51) International classification	:A61F11/12
(31) Priority Document No	:61/219574
(32) Priority Date	:23/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029539
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/151357 A1
(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)FROISSARD, LAURENT

(57) Abstract :

A headgear-earwear assembly and a method of assembling the same. The headgear-ear wear assembly can include an ear wear and a headgear adapted to be coupled together. The ear wear can include an elongated member, such as a cord, and an earpiece coupled to the elongated member. The headgear can include a major surface and a channel oriented substantially along the major surface of the headgear. The channel can be configured to removably house at least a portion of the length of the elongated member. The headgear can further include an aperture positioned adjacent the channel and open to the channel. The aperture can include an undulating shape along at least a portion of its length. The method can include positioning at least a portion of the elongated member in the channel, such that at least a portion of the length of the elongated member is removably housed in the channel.

No. of Pages : 41 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.9644/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : POSITION DETECTOR FOR MOVING MAGNET TYPE LINEAR MOTOR

(51) International classification	:H02K41/03
(31) Priority Document No	:2009-154275
(32) Priority Date	:29/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/071543
Filing Date	:25/12/2009
(87) International Publication No	:WO 2011/001555
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MARKON SANDOR

2)ONAT AHMET

(57) Abstract :

The present invention provides a position detector which can detect the position of a mover on the side of a stator, and which realizes detection with high accuracy in a moving magnet type linear motor. In a moving magnet type linear motor including: a stator 2 with a plurality of coils placed in one direction; and a mover 3 with a permanent magnet so placed as to be opposed to the stator 2, a position detector according to one embodiment of the present invention detects the position of the mover 3. The position detector includes a magnetic body 5 fixed to the mover 3. One or two or more coils are selected and a voltage is applied to the selected coil while a current or a voltage induced in a coil adjacent to the selected coil is measured, and the position of the magnetic body 5 that changes in response to the position of the mover 3 is determined based on the measured current or the measured voltage.

No. of Pages : 64 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.9647/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FOOD PRODUCTS COMPRISING ZEOLITES

(51) International classification	:A23L1/304
(31) Priority Document No	:MI2009A000987
(32) Priority Date	:05/06/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/001100
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/140034
	A3
(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)BRUNELLO, DARIO

2)BRUNELLO, DARIO

3)TOMBOLAN, LUCA

4)FARINATO, ALESSANDRO

(57) Abstract :

The present invention concerns food products comprising zeolite, in particular clinoptilolite and optionally in combination with other inorganic components able to reduce absorption of the ethanol ingested via the consumption of alcoholic drinks. A further subject-matter of the invention is a clinoptilolite having characteristic purity and granulometry.

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2011

(21) Application No.9878/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : DRIVE SHAFT AND METHOD FOR ASSEMBLING DRIVE SHAFT

(51) International classification	:F16D3/227
(31) Priority Document No	:2009-133188
(32) Priority Date	:02/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058581
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/140487
	A1
(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)YAMADA, KENJI

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3)KOBAYASHI, MASAZUMI

4)SHINBA, CHIKAYA

(57) Abstract :

Provided is a drive shaft, which is capable of suppressing an outer-diameter size of an outer joint member of a constant velocity universal joint and achieving weight reduction, without an increase of the number of components and assembly man hours. The drive shaft includes: an outboard-side constant velocity universal joint (41) ; an inboard-side constant velocity universal joint (42) ; and a torque transmission shaft (43) for coupling both of the constant velocity universal joints (41, 42) . Each of the constant velocity universal joints 41, 42) is a plunging type constant -velocity universal joint including: an outer joint member (53, 103) ; an inner joint member (56, 106); and a torque transmitting member. The inner joint member (56, 106) includes an inner-race forming portion (72, 122) housed in the outer joint member (53, 103) . A shaft forming portion (73, 123) is provided continuously and integrally with the inner-race forming portion (72, 122) . The shaft forming portion (73) of the outboard-side constant velocity universal joint (41) and the shaft forming portion (123) of the inboard-side constant velocity universal joint (42) are bonded in a manner of being fitted against each other.

No. of Pages : 57 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.9832/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : USE OF S-(3-AMINOPROPYL)THIOSULFURIC ACID OR METAL SALT THEREOF

(51) International classification	:C08L21/00
(31) Priority Document No	:2009-134837
(32) Priority Date	:04/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059588
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/140704
	A1
(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)OZTURK, ORHAN

2)UEKITA, YASUO

3)TAKEUCHI, KENICHI

(57) Abstract :

Use of S-(3-aminopropyl) thiosulfuric acid and/or a metal salt thereof for improving the viscoelastic properties of a vulcanized rubber.

No. of Pages : 62 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.9837/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CONTROL SYSTEM FOR A FLOW CELL BATTERY

(51) International classification	:H01M8/18
(31) Priority Document No	:61/182,079
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036773
Filing Date	:29/05/2010
(87) International Publication No	:WO 2010/138951 A2
(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)SAHU, SAROJ KUMAR

3)FIROUZI, ALI

4)WINTER, RICK

5)BANERJEE, JAGAT

6)AGARWAL, BINOD

7)PANDARINATH, SIDDINENI

(57) Abstract :

A controller for controlling a flow cell battery system is provided. The controller operates the flow cell battery system in a plurality of states including a plating state, a charging state and a discharge state.

No. of Pages : 43 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.9838/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PREPARATION OF FLOW CELL BATTERY ELECTROLYTES FROM RAW MATERIALS

(51) International classification	:H01M8/18
(31) Priority Document No	:61/182,073
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036767
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/138945 A2
(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)KESHAVARZ, MAJID

2)VARADARAJAN, ARAVAMUTHAN

(57) Abstract :

A method for preparing a redox flow battery electrolyte is provided. In some embodiments, the method includes the processing of raw materials that include sources of chromium ions and/or iron ions. The method further comprises the removal of impurities such as metal ions from those raw materials. In some embodiments, an ammonium salt may be used to remove metal impurities from an aqueous mixture of chromium ions and/or iron ions. Further provided is a redox flow battery comprising at least one electrolyte prepared from the above-identified methods.

No. of Pages : 24 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.9839/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ELECTROLYTE COMPOSITIONS

(51) International classification	:H01M8/18
(31) Priority Document No	:61/182,075
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036765
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/138943 A2
(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)ZU, GE

2)KESHAVARZ, MAJID

(57) Abstract :

An electrolyte for a flow cell battery is provided. The electrolyte includes a concentration of chromium ions that is greater than the concentration of iron ions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/12/2011

(21) Application No.9932/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SUBMERGED PERfusion BIoreactor

(51) International classification	:C12M3/00
(31) Priority Document No	:PA 2009 00692
(32) Priority Date	:03/06/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2010/050125
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/139337 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)REGION MIDTJYLLAND

(72)Name of Inventor :

1)LE, DANG QUANG SVEND

2)NYGAARD, JENS VINGE

3)FOSS, MORTEN

4)BESENBACHER, FLEMMING

5)BUNGER, CODY

(57) Abstract :

The present invention discloses a device for biological purposes such as cell culturing, enzymatic reactions or filtering of fluid, which comprises a body having a first and a second surface, and where said body is delimited by a rim; an aperture in the centre of the body; said aperture being covered at the first and second surface by a first and second plate, where the first and/or second plate comprises an inlet orifice allowing liquid medium into the aperture; means for rotating; said means for rotating being arranged in the aperture between the first and second plate; said rim comprises at least one recessed portion; said recessed portion is a cavity in the rim of the body comprising a first outlet orifice allowing the liquid medium to flow out of the body; at least one outlet channel connecting the circular aperture with the recessed portion. This invention furthermore discloses a method, where liquid is pumped into the aperture of the device and pumped through at least one outlet channel.

No. of Pages : 65 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/12/2011

(21) Application No.9933/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AMMOXIDATION CATALYST AND METHOD FOR PRODUCING NITRILE COMPOUND USING THE SAME

(51) International classification	:B01J23/26
(31) Priority Document No	:2009-140196
(32) Priority Date	:11/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059850
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/143690
	A1
(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)YAMAMOTO, KAZUNARI

2)KYUUUKO, YOICHI

3)OKAMOTO, ATSUSHI

(57) Abstract :

The present invention provides an ammonoxidation catalyst containing vanadium oxide, titanium oxide and diamond.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/12/2011

(21) Application No.9956/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : ANALYSIS DEVICE AND ANALYSIS METHOD

(51) International classification	:G01N27/26
(31) Priority Document No	:2009-156446
(32) Priority Date	:30/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060896
Filing Date	:25/06/2010
(87) International Publication No	:WO 2011/001917
	A1
(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)NAKANISHI, HIROYUKI

2)UEHATA YOSHIHARU

3)KAWANISHI, MASAKO

4)MURASE, YOSUKE

5)TSUKADA, MASASHI

(57) Abstract :

Provided is an analysis device or an analysis method, by which highly reliable analysis results can be obtained even in the circumstances where environment temperature changes, while reducing load on the user. The analysis device (1) is provided with a determining means (13) which determines whether environmental temperature measured by means of a temperature measuring means (6) is within a predetermined temperature range or not. The determining means (13) is so configured as to determine whether the environmental temperature is within the predetermined temperature range or not, even in the circumstances where information relating to a target substance in a sample cannot be obtained from the analysis device.

No. of Pages : 66 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2011

(21) Application No.9879/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : BIOSENSOR FOR MEASURING BIOMATERIAL

(51) International classification	:G01N27/26
(31) Priority Document No	:10-2009-0048676
(32) Priority Date	:02/06/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/002738
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/140773 A3
(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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DANGJEONG-DONG, GUNPO-SI, GYEONGGI-DO-435-776
Republic of Korea

(72)Name of Inventor :

1)LEE, JIN-WOO

2)CHOI, JAE-KYU

(57) Abstract :

The present invention relates to an apparatus for measuring a biomaterial, comprising: a first substrate having a recess in one side thereof; a second substrate having reference and operating electrodes where a biochemical reaction of a biomaterial occurs, and first and second delivery electrodes delivering electric signals from the reaction to a detector; and reaction reagents fixed at the second substrate causing the reaction with the biomaterial, wherein the first or the second substrate has a tilted surface toward a sample-inlet in a height direction. The second substrate is attached to the first substrate such that a portion of the recess forms the sample-inlet, and the reference and operating electrodes are directed toward the recess. The tilted surface prevents the sample-inlet from being blocked by a finger of the user when introducing the biomaterial through the sample-inlet in the event the used substrate has three-dimensional structures with substantial thickness.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9253/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HANDHELD FIELD MAINTENANCE TOOL WITH IMPROVED FUNCTIONALITY

(51) International classification	:G05B19/042
(31) Priority Document No	:61/178,751
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034848
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/132737 A8
(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)CITRANO III, JOSEPH

2)TOEPKE, TODD, M.

3)DEWEY, ALAN, R.

4)RUSSELL III, ALDEN, C.

(57) Abstract :

A handheld field maintenance tool (102) with improved functionality is provided. The handheld field maintenance tool (102) includes a keypad (122), a display (120), a short-range wireless transceiver (162) and a processor (152). The processor (152) is coupled to the keypad (122), the display (120) and the short-range wireless transceiver (162). The processor (152) is also coupled to memory (154) having a plurality of instructions stored therein, which instructions, when executed by the processor (152), cause the processor (152) to perform at least one of remote wireless display; remote wireless keypress injection; and wireless printing.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9255/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD FOR KEEPING A TRANSPORTABLE MAST UPRIGHT DURING ERECTION OR RETRACTION THEREOF, AND A MAST ASSEMBLY

(51) International classification

:E04H12/34

(31) Priority Document No

:PCT/EP2009/055683

(32) Priority Date

:11/05/2009

(33) Name of priority country

:PCT

(86) International Application No

:PCT/EP2010/056493

Filing Date

:11/05/2010

(87) International Publication No

:WO 2010/142506

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)SECOBEL

Address of Applicant :WOUDSTRAAT 21, B-3600, GENK
Belgium

(72)Name of Inventor :

1)OYEN, EDMOND

(57) Abstract :

The invention relates to a method for keeping a mast upright during erection or retraction thereof, the mast being part of a mast assembly additionally comprising a base and a guy control assembly, which guy control assembly allows to keep guy control wires under tension by a single person. The invention also relates to a mast assembly comprising the mast, the base, and a guy control assembly for keeping the mast upright during erection or retraction of the mast.

No. of Pages : 49 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9256/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND DEVICE FOR AUTOMATICALLY MEASURING THE YARN LENGTH FED TO A RECTILINEAR MACHINE

(51) International classification	:D04B15/48	(71) Name of Applicant :
(31) Priority Document No	:MI2009A001037	1)BTSR INTERNATIONAL S.P.A.
(32) Priority Date	:12/06/2009	Address of Applicant :VIA SANTA RITA, SNC, 21057 OLGIATE OLONA, VARESE Italy
(33) Name of priority country	:Italy	(72) Name of Inventor :
(86) International Application No	:PCT/IB2010/001419	1)BAREA, TIZIANO
Filing Date	:09/06/2010	
(87) International Publication No	:WO 2010/143064	
	A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and device for automatically measuring the yarn length absorbed by a rectilinear machine adapted to produce an article and comprising a carriage (3) movable to-and-fro over a needle bed (1) between two ends of a working path, needles (2) moving towards said carriage (3) to cooperate with the yarn (F) and form an article, said yarn unwinding from a feeder (5) comprising means for measuring the yarn quantity fed at constant tension towards said needle bed; the feeder (5) measures and constantly monitors the yarn feed velocity, this monitoring enabling the fed and knitted yarn quantity to be obtained in real time and each measurement to be associated with the respective carriage travel stroke, this information enabling precise regulation of the knitting cams.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9257/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : POLYAMIDE RESIN COMPOSITION AND MOLDED ARTICLE

(51) International classification	:C08L77/06
(31) Priority Document No	:2009-137467
(32) Priority Date	:08/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059719
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/143638
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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CHIYODA-KU, TOKYO 100-8324 Japan

(72)Name of Inventor :

1)MITADERA, JUN
2)KUROKAWA, MASASHI

(57) Abstract :

Disclosed is a polyamide resin composition having excellent gas barrier properties and heat aging resistance, which contains (A) a polyamide composed of a diamine unit containing a 1,3-bis (aminomethyl) cyclohexane unit and a dicarboxylic unit and at least either of (B) an aromatic secondary amine based compound and (D) a phenol based antioxidant and has an oxygen permeability coefficient of not more than 1.5 cc-mm/m²-day-atm at 23°C and 75 % RH.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2011

(21) Application No.9976/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SUPPORTED NOBLE METAL-COMPRISING CATALYST FOR OXIDATIVE DEHYDROGENATION OR EPOXIDATION

(51) International classification	:B01J23/38
(31) Priority Document No	:09164422.9
(32) Priority Date	:02/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057911
Filing Date	:07/06/2010
(87) International Publication No	:WO 2011/000668
	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)BASF SE

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(72)Name of Inventor :

1)SEEBER, GEORG

2)LOCHER, PETER

3)BAUER, STEFAN

4)ROSENDAHL, TOBIAS

5)MAURER, TORSTEN

6)WEGNER, GUNTER

7)KAMASZ, MARTIN

(57) Abstract :

Supported catalysts comprising noble metals, which can be obtained by a) applying colloidal noble metal in the form of a colloidal solution onto a carrier material, optionally mixed with additives acting as promoters, b1) drying the obtained product at 150 to 350°C, or b2) drying the obtained product at 150 to 350°C and subsequently calcining it at 350 to 550°C, for epoxidation or oxidative dehydrogenation. The invention further relates to a method for the production thereof, to the use thereof, and to the use of colloidal noble metals for producing supported catalysts.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2011

(21) Application No.9979/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : EXPANDABLE FIXATION ASSEMBLIES

(51) International classification	:A61B17/86
(31) Priority Document No	:61/223261
(32) Priority Date	:06/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041101
Filing Date	:06/07/2010
(87) International Publication No	:WO 2011/005788 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)STEPHAN, KAI

2)GRIFFITHS, BRYAN

3)LEUENBERGER, SAMUEL

4)SCHOUTENS, ROBERT

5)MEMMOLO, MARCELLO

6)PRICOPE, DANIELA

7)PONZEL, RAINER

8)SCHLIEGER, ANDRE

(57) Abstract :

Expandable fixation assemblies, expandable cranial fixation assemblies, and expandable intervertebral implant assemblies are provided for securing structures to bone and for securing bones and/or bone segments with respect to each other. An expansion member can be moved through at least a portion of an expandable fixation body, thereby causing expansion of the expandable fixation body, such that bone engagement features of the expandable fixation body engage surrounding structure, such as bone.

No. of Pages : 106 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9170/CHENP/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR THE OXIDATION OF HYDROGEN CHLORIDE OVER A CATALYST HAVING A LOW SURFACE ROUGHNESS

(51) International classification	:C01B7/04
(31) Priority Document No	:09162365.2
(32) Priority Date	:10/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057814
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/142604
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

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2)URTEL, HEIKO

3)SESING, MARTIN

4)KARCHES, MARTIN

5)VAN DEN ABEEL, PETER

6)THIELE, KAI

(57) Abstract :

The invention relates to a process for the catalytic oxidation of hydrogen chloride by means of oxygen to form chlorine in a fluidized-bed process in the presence of a catalyst comprising ruthenium on a particulate support composed of alpha-aluminum oxide having an average particle size of from 10 to 200 µm, wherein the catalyst support has a low surface roughness and can be obtained from a used catalyst which has been used in a fluidized-bed process for at least 500 hours of operation.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1045/KOL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF GLASS CERAMIC TILES UTILIZING RED MUD AS THE MAIN BASE MATERIAL

(51) International classification

:C03B3/02

(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

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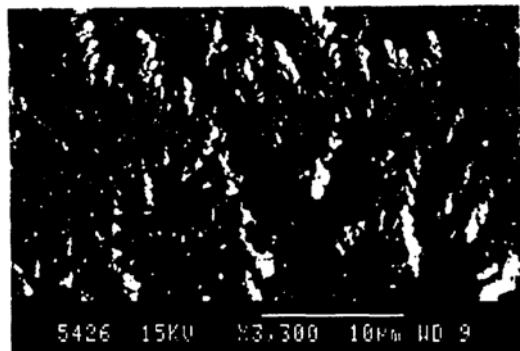
3)M. J. CHADDHA

4)JYOTI MUKHOPADHYAY

5)B. K. SATPATHY

(57) Abstract :

A process for preparing glass-ceramic tiles comprising the steps of: dry mixing 85-40% red mud, 15-40% boron oxide and 1-4% colouring agent and optionally 0-35% coal fired boiler fly ash or similar siliceous material, 0-15% sodium oxide/calcium oxide; subjecting the mixture to the step of melting in melting furnace at 1100-1300°C till bubble free molten mass is obtained; pouring the molten mass into the molds (plane surface, or specially designed molds like tiles); subjecting the molded tiles or product for heat treatment at 500-950°C, cooling the heat treated tiles or product (annealing) in annealing furnace; cutting and polishing the tiles.



No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/07/2012

(21) Application No.1611/KOLNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : TOWER COMPUTER SYSTEM

(51) International classification	:G06F 1/16
(31) Priority Document No	:2010101091527
(32) Priority Date	:11/02/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/000063
Filing Date	:14/01/2011
(87) International Publication No	:WO 2011/097942
(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)LIANG-HO, CHENG

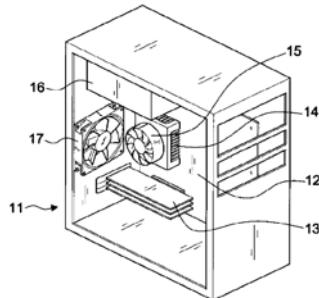
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(72)Name of Inventor :

1)LIANG-HO, CHENG

(57) Abstract :

A tower computer system (20) includes a tower chassis (30); a mounting assembly (34) installed at a middle section of a widthwise surface (W) of the tower chassis (30) and coupled to internal sides of the front and rear racks (32),(33) to form a vertical connecting board (34) for providing a longitudinally perpendicular fixing position to a predetermined board, and acting as a longitudinal corresponding line (X1) formed by connecting the front rack (32) to the rear rack (33) for the connecting board (34) of the mounting assembly (34), such that the transverse widthwise surface of the tower chassis (30) is separated into a first assembling chamber (301) with an opening aligned towards the left side and a second assembling chamber (302) with an opening aligned towards the right side; and a first electric connection port (303), disposed in a vertical direction on the rear rack (33) and at a position proximate to the mounting assembly (34), and situated in an area inside the first assembling chamber (301).



No. of Pages : 60 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1644/KOLNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : REFRACTORIES CONTAINING THICK FLAKE GRAPHITE

(51) International classification	:C04B 35/00
(31) Priority Document No	:2010-081959
(32) Priority Date	:31/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/057307
Filing Date	:25/03/2011
(87) International Publication No	:WO 2011/125536
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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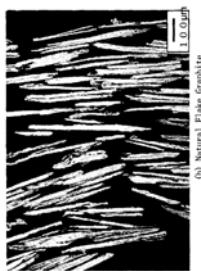
(72)Name of Inventor :

1)TANAKA,MASATO

2)FURUTA, NAOKI

(57) Abstract :

Disclosed is a refractory containing graphite that exhibits a stable service life by having the characteristics of small variations in strength and making crack progression difficult. Specifically disclosed is a graphite-containing refractory graphite that is a refractory containing thick flake graphite in which thick flake graphite having a thickness of 50 - 100 μm and an aspect ratio of 5 - 12, as defined by particle diameter/thickness, is 20% or more of the total graphite in this refractory that contains refractory starting materials and graphite.



No. of Pages : 25 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1656/KOLNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : SYSTEM FOR PERFORMING REMOTE SERVICES FOR A TECHNICAL INSTALLATION

(51) International classification	:H04L29/06,H04L12/46
(31) Priority Document No	:10 2010 000 824.9
(32) Priority Date	:12/01/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/050200
Filing Date	:10/01/2011
(87) International Publication No	:WO 2011/086041
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

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(72)Name of Inventor :

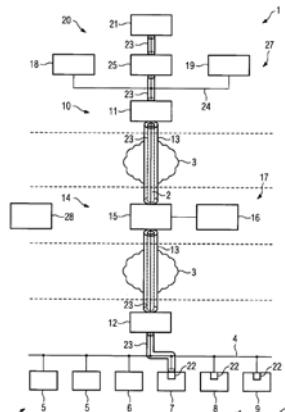
1)Thomas BALINT

2)Jörg BAUER

3)Jan KILING

(57) Abstract :

The invention relates to a system (1) for performing remote services for a technical installation (2) comprising a first remote service system (10) having a first tunnel connection (13) for transmitting data between a first device (11) at a distance from the installation and a first device (12) internal to the installation, and a second remote service system (20) having a second tunnel connection (23) for transmitting data between a second device (21) at a distance from the installation (2) and a second device (22) internal to the installation, wherein according to the invention the second tunnel connection (23) runs through the first tunnel connection (13). Performing a plurality of remote services in an installation can thereby be enabled at a high level of IT security and a high level of operational reliability of the installation, wherein the administrative effort on the part of the installation operator can be kept small.



No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1043/KOL/2011 A

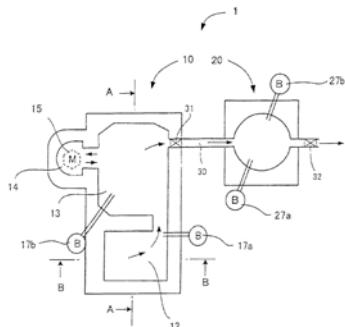
(43) Publication Date : 15/02/2013

(54) Title of the invention : METAL MELTING FURNACE

(51) International classification	:B22D39/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASAHI TEC CORPORATION
(32) Priority Date	:NA	Address of Applicant :547-1, HORINOUCHI, KIKUGAWA-CITY, SHIZUOKA, 439-8651, JAPAN .
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KAWASHIMA SHIROU
Filing Date	:NA	2)NAKAJIMA NORIYUKI
(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 :

There is disclosed a metal melting furnace that has a function of compounding kinds of metal materials, so that a molten metal can be discharged whenever necessary. A metal melting furnace 1 includes a tower type melting furnace main body 10, a fore hearth 20 connected to the melting furnace main body 10 via an outflow pipe 30 and opening/closing means 31 for controlling the outflow of a molten metal from the melting furnace main body 10 to the fore hearth 20. The melting furnace main body 10 includes a melting chamber 12, a holding chamber 13 and a stirring chamber 14. The fore hearth 20 is connected to the melting furnace main body 10 via the outflow pipe 30, so that the molten metal discharged from the holding chamber 13 can be held. Moreover, the fore hearth includes, for example, burners 27a and 27b as holding heat sources, so that the molten metal can be held at the same predetermined temperature as the molten metal in the holding chamber 13.



No. of Pages : 24 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1655/KOLNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : FRICTION MEMBER AND FRICTION MATERIAL THEREOF

(51) International classification	:F16D69/02
(31) Priority Document No	: NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2011/000138
Filing Date	:28/01/2011
(87) International Publication No	:WO 2011/092585
(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)EATON CORPORATION

Address of Applicant :Eaton Center, 1111 Superior Avenue, Cleveland, OH 44114-2584, U.S.A.

(72)**Name of Inventor :**

1)CHAVDAR, BULENT

(57) Abstract :

A friction material (18) includes a resin and a fibrous base material impregnated with the resin. The fibrous base material has a single ply, and includes a plurality of aramid fibers present in a first amount a plurality of polyacrylonitrile based carbon fibers present in a second amount that is less than the first amount a plurality of carbon particles present in a third amount that is less than or equal to the second amount a plurality of mineral fibers present in a fourth amount that is less than or equal to the second amount, and diatomaceous earth present in a fifth amount that is greater than the first amount. A friction member (10) for operatively contacting a lubricated surface (12) includes a substrate (16) and the friction material (18). The friction material (18) defines a first surface (20) bonded to the substrate (16) and a second surface (22) configured for operatively contacting the lubricated surface (12).

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2012

(21) Application No.1666/KOLNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HIGH-CORROSION RESISTANCE COLD ROLLED FERRITIC STAINLESS STEEL SHEET EXCELLENT IN TOUGHNESS AND METHOD FOR MANUFACTURING THE SAME

(51) International classification:C22C38/28,C22C38/54,B21B3/02
(31) Priority Document No :2010-020908
(32) Priority Date :02/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/052186
Filing Date :27/01/2011
(87) International Publication No :WO 2011/096454
(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)JFE STEEL CORPORATION

Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 JAPAN

(72)**Name of Inventor :**

1)TAKASHI SAMUKAWA

2)SHINSUKE IDE

3)YASUSHI KATO

4)TAKUMI UJIRO

(57) Abstract :

2 5Disclosed are: a highly corrosion resistant cold rolled ferrite stainless steel sheet having excellent toughness which is characterized by having a Charpy impact value of 100 J/cm or more at 50°C when the ferrite stainless steel sheet has a thickness of 4 mm; and a process for producing the ferrite stainless steel sheet. Specifically disclosed is a highly corrosion resistant cold rolled ferrite stainless steel sheet having excellent toughness which is characterized by comprising (in mass%) 0.020% or less of C 1.0% or less of Si 1.0% or less of Mn 0.06% or less of P 0.01% or less of S 18.0 24.0% of Cr 0.3% or less of Mo 0.015% or less of Ti 0.20 0.40% of Al 0.020% or less of N Nb in such an amount that the following formula: 10 — (C+N) = Nb = 0.40% is fulfilled and Fe and unavoidable impurities which make up the remainder wherein the contents of the components meet the formula (A). Ti — N = 8.00 × 10 (A).

No. of Pages : 49 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2012

(21) Application No.1667/KOLNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HIGH-CORROSION RESISTANCE HOT ROLLED FERRITIC STAINLESS STEEL SHEET WITH EXCELLENT TOUGHNESS

(51) International classification	:C22C38/28,C22C38/54
(31) Priority Document No	:2010-016100
(32) Priority Date	:28/01/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2011/052187 :27/01/2011
(87) International Publication No	:WO 2011/093516
(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)JFE STEEL CORPORATION

Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 JAPAN

(72)Name of Inventor :

1)SAMUKAWA Takashi

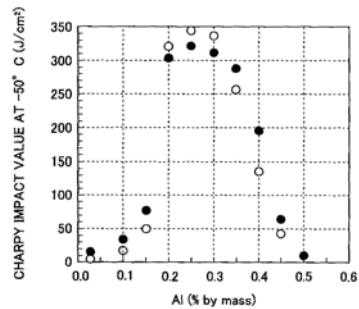
2)IDE Shinsuke

3)KATO Yasushi

4)UJIRO Takumi

(57) Abstract :

2 5Disclosed is a highly corrosion resistant hot rolled ferrite stainless steel sheet having excellent toughness which has a Charpy impact value of 100 J/cm or more at 50°C. Specifically disclosed is a hot rolled ferrite stainless steel sheet characterized by comprising in mass% 0.020% or less of C 1.0% or less of Si 1.0% or less of Mn 0.06% or less of P 0.01% or less of S 18.0 24.0% of Cr 0.3% or less of Mo 0.15 0.40% of Nb 0.015% or less of Ti 0.020% or less of N and 0.20 0.40% of Al wherein these components fulfill the requirements represented by formulae (A) and (B) and Fe and unavoidable impurities make up the remainder. $Ti-N = 8.0 \times 10$ (A) $10 \times (C+N) = Nb = 0.25 + (C/12 + N/14) \times 93$ (B) (In the formulae each element symbol represents the content (expressed in mass%) of the element in the steel.)



No. of Pages : 31 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1663/KOLNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : CARRIER IDENTIFIER IN MAC CONTROL ELEMENTS

(51) International classification	:H04W56/00
(31) Priority Document No	:61/286,335
(32) Priority Date	:14/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/069630
Filing Date	:14/12/2010
(87) International Publication No	: WO/2011/073191
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)

Address of Applicant :S-164 83 Stockholm Sweden

(72)Name of Inventor :

1)BALDEMAIR Robert

2)GERSTENBERGER Dirk

3)LARSSON Daniel

4)WIEMANN Henning

(57) Abstract :

A communication system includes a transmitting communication device (310) and a receiving communication device (320). The transmitting communication device (310) determines a control element, e.g., a control element of a Media Access Control protocol, associated with one of the carriers and provides the control element with an identifier specifying the carrier the control element is associated with. The transmitting communication device (310) sends the control element with the identifier on one of the carriers to the receiving communication device (320). The receiving communication device (320) receives the control element and determines, from the identifier received with the control element, the carrier the control element is associated with. Further, the receiving communication device (320) determines, on the basis of parameters indicated by the control element, a data transmission property of the carrier the control element is associated with.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2012

(21) Application No.1665/KOLNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : HOLLOW PROFILE USED IN THE MANUFACTURE OF A PIPE

(51) International classification	:B29C53/78,F16L11/24
(31) Priority Document No	:20105059
(32) Priority Date	:22/01/2010
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2011/050033
Filing Date	:18/01/2011
(87) International Publication No	:WO 2011/089314
(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)OY KWH PIPE AB

Address of Applicant :P.O. Box 21, 65101 Vaasa, FINLAND

(72)Name of Inventor :

1)SJÖBERG, SVEN

2)VESTMAN, CHRISTIAN

(57) Abstract :

A hollow profile (1) used in the manufacture of a spirally wound double walled thermo plastic pipe which hollow profile has essentially a rectangular cross section two side walls (5) and an outer wall (3) and an inner wall (4) limiting a cavity (2) within. In the hollow profile the wall that is intended to form the inner wall (4) of the pipe is thicker than the wall (3) of the hollow profile intended to form the outer wall (3) of the pipe. The inner rounding radius (7) of the edges adjacent to the thicker wall (4) of the hollow profile is considerably larger than the rounding radius (6) of the two other edges of the cavity (6) and the inside surface of the thicker wall (4) comprises a rib (8) extending in the hollow cavity of the profile on the side of the profile forming the inner side of the pipe in the longitudinal direction of the profile at least essentially along the whole length of the profile.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2012

(21) Application No.1673/KOLNP/2012 A

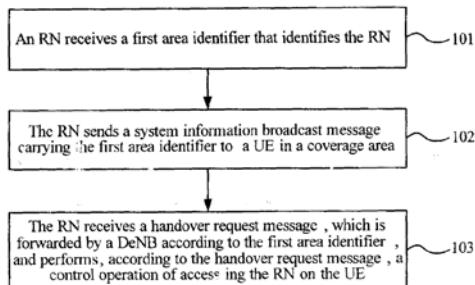
(43) Publication Date : 15/02/2013

(54) Title of the invention : HANDOVER METHOD AND SYSTEM IN RELAY NETWORK, RELAY NODE, CONTROL BASE STATION AND BASE STATION

(51) International classification	:H04W36/08	(71) Name of Applicant :
(31) Priority Document No	:200910258944.8	1)HUAWEI TECHNOLOGIES CO., LTD.
(32) Priority Date	:31/12/2009	Address of Applicant :Huawei Administration Building,
(33) Name of priority country	:China	Bantian, Longgang District, Shenzhen, Guangdong 518129, P.R.
(86) International Application No	:PCT/CN2010/079979	CHINA
Filing Date	:20/12/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2011/079730	1)ZHANG, Tao
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A switching method and system in relay network are provided. The method includes: a relay node receives a first area identifier identifying the relay node; send a system information broadcast message carrying the first area identifier to terminals in coverage area; receive a switching request message forwarded by a control base station and perform the control operation of making the terminals access the relay node based on the switching request message. The system includes a relay node a control base station a base station and a mobility management entity. The relay node includes: a first receiving module a first sending module and a processing module. The control base station includes: a second sending module and a second receiving module. The base station includes: a third receiving module and a third sending module. By allocating the first area identifier identifying the relay node to the relay node in relay network normal switching of the terminals from the base station to the relay node is realized.



No. of Pages : 39 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2012

(21) Application No.1674/KOLNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : MOBILE STATION APPARATUS AND METHOD FOR RECEIVING SIGNAL IN A WIRELESS COMMUNICATION SYSTEM SUPPORTING A PLURALITY OF WIRELESS COMMUNICATION SCHEMES

(51) International classification	:H04B7/26,H04W88/02	(71) Name of Applicant : 1)LG ELECTRONICS INC. Address of Applicant :20 Yeouido-dong Yeongdeungpo-gu Seoul 150-721 REPUBLIC OF KOREA Republic of Korea
(31) Priority Document No	:61/267,826	
(32) Priority Date	:09/12/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/KR2010/008794	(72) Name of Inventor :
Filing Date	:09/12/2010	1)LIM, Dong Guk
(87) International Publication No	:WO 2011/071320	2)CHO, Han Gyu
(61) Patent of Addition to Application Number	:NA	3)CHUN, Jin Young
Filing Date	:NA	4)KWAK, Jin Sam
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and MS apparatus for receiving a signal in a wireless communication system supporting a plurality of wireless communication schemes are disclosed. The method for receiving a signal in a wireless communication system supporting both communication of a first MS using a first wireless communication scheme and communication of a second MS using a second wireless communication scheme includes receiving from a BS a downlink signal in a downlink subframe allocated to a second zone dedicated to communication of the second MS in a downlink zone of a specific frame by the second MS. The number of downlink subframes allocated to the second zone by the BS is one the allocated downlink subframe is a first downlink subframe of the second zone and the first downlink subframe of the second zone is a Type 2 subframe which consists of seven OFDMA symbols.

No. of Pages : 48 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/08/2011

(21) Application No.1049/KOL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : A REMOTE SERVICE APPLICATION, A LAN LISTENER, A SYSTEM AND A METHOD FOR ESTABLISHING CONNECTION BETWEEN A REMOTE CLIENT AND A HOST

(51) International classification	:H04W36
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

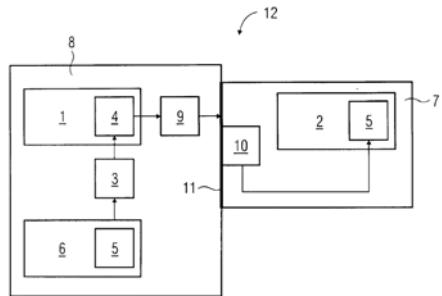
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MÜNCHEN GERMANY

(72)Name of Inventor :

1)MATHEW ABRAHAM CHANDY

(57) Abstract :

A remote service application, a LAN listener, a system and a method for establishing connection between a remote client and a host. A system (12) for establishing a connection between a remote client (1) and a host (2) includes a remote service application (3) adapted to assign virtual IP address (4) to the host (2) at the remote client (1) on a basis of a local IP address (5) of the host (2) inside a local area network (7) and to route a connection request of the remote client (1) to the host (2) on a basis of the virtual IP address (4), and a LAN listener (10) adapted to run on a interface (11) of local area network (7) and a wide area network (8), to receive the connection request (1) and to resolve the connection request from the remote client (1) by mapping the virtual IP address (4) onto the local IP address (5), wherein the host is adapted to be a part of the local area network (7), the remote client (1) is adapted to connect to the local area network (7) through a wide area network (8).



No. of Pages : 13 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2012

(21) Application No.1671/KOLNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING OLIGOPEPTIDES

(51) International classification	:A61K 9/08
(31) Priority Document No	:61/285,313
(32) Priority Date	:10/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/007396
Filing Date	:06/12/2010
(87) International Publication No	:WO 2011/069629
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MERCK PATENT GMBH

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Darmstadt, GERMANY .

(72)Name of Inventor :

1)EBER, Marcus

(57) Abstract :

The present invention relates to a pharmaceutical composition of oligopeptides preferably cyclic oligopeptides said composition further comprising one or more lipophilic and/or amphiphilic compounds in the presence or absence of water as the main ingredients the use of the lipophilic and/or amphiphilic compounds for making pharmaceutical compositions of said oligopeptides and methods of making said pharmaceutical composition.

No. of Pages : 239 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/07/2012

(21) Application No.1679/KOLNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : AUDIO ENCODER,AUDIO DECODER,METHOD FOR ENCODING AND AUDIO INFORMATION, METHOD FOR DECODING AN AUDIO INFORMATION AND COMPUTER PROGRAM USING A HASH TABLE DESCRIBING BOTH SIGNIFICANT STATE VALUES AND INTERVAL BOUNDARIES

(51) International classification	:G10L19/00
(31) Priority Document No	:61/294,357
(32) Priority Date	:12/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2011/050272 :11/01/2011
(87) International Publication No	:WO 2011/086065
(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 FÖRDERUNG
DER ANGEWANDTEN FORSCHUNG E.V.**

Address of Applicant :Hansaстр. 27c, 80686 München,
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(72)Name of Inventor :

- 1)FUCHS, Guillaume**
- 2)MULTRUS, Markus**
- 3)RETTELBACH, Nikolaus**
- 4)SUBBARAMAN, Vignesh**
- 5)WEISS, Oliver**
- 6)GAYER, Marc**
- 7)WARMBOLD, Patrick**
- 8)GRIEBEL, Christian**

(57) Abstract :

An audio decoder for providing a decoded audio information on the basis of an encoded audio information comprises an arithmetic decoder for providing a plurality of decoded spectral values on the basis of an arithmetically encoded representation of the spectral values, and a frequency-domain-to-time-domain converter for providing a time-domain audio representation using the decoded spectral values, in order to obtain the decoded audio information. The arithmetic decoder is configured to select a mapping rule describing a mapping of a code value onto a symbol code in dependence on a context state described by a numeric current context value. The arithmetic decoder is configured to determine the numeric current context value in dependence on a plurality of previously decoded spectral values. The arithmetic decoder is configured to evaluate a hash table, entries of which define both significant state values amongst the numeric context values and boundaries of intervals of numeric context values, in order to select the mapping rule. A mapping rule index value is individually associated to a numeric context value being a significant state value, and a common mapping rule index value is associated to different numeric context values laying within an interval bounded by interval boundaries. An audio encoded uses a similar concept.

No. of Pages : 166 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/08/2011

(21) Application No.1051/KOL/2011 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF LIGHT WEIGHT FOAMED BRICKS (L WFBS) UTILIZING RED MUD AND FLY ASH ADMIXTURES

(51) International classification	:C04B14/04	(71) Name of Applicant : 1)NATIONAL ALUMINIUM COMPANY LIMITED Address of Applicant :NALCO BHAWAN, P/1, NAYAPALLI, BHUBANESWAR-751061 ORISSA, 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)MOHAMED NAJAR P.A.
(87) International Publication No	: NA	2)MANOJ T. NIMJE
(61) Patent of Addition to Application Number	:NA	3)M. J. CHADDHA
Filing Date	:NA	4)JYOTI MUKHOPADHYAY
(62) Divisional to Application Number	:NA	5)B. K. SATPATHY
Filing Date	:NA	

(57) Abstract :

A process for preparing constructional materials comprising the steps of: mixing 30 to 50% red mud, 50-70% fly ash and 0.50-2.0% foaming agent mixture and water to form a foamed mass; subjecting the said foamed mass to the step of self expansion through pore generation in moulds in the form of constructional bricks of any other shape of required size, air drying the constructional materials for 6-8 hrs or drying below 150°C, subjecting the dried constructional materials to the step of firing at a temperature range of 800-1100°C.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2012

(21) Application No.1670/KOLNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : IMAGE ENCODER AND IMAGE DECODER

(51) International classification :H04N7/26,H03M7/24,H03M7/30
(31) Priority Document No :10151074.1
(32) Priority Date :19/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/070915
Filing Date :30/12/2010
(87) International Publication No :WO 2011/088960
(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 :Hansastraße 27c, 80686 Muenchen, Germany .

(72)Name of Inventor :

1)THOMA, Herbert

2)MOTRA, Ajit

(57) Abstract :

An image encoder comprises an extreme value determiner a floating point to integer converter and an encoder. The extreme value determiner determines a minimal value and a maximal value of a floating point image value of each pixel of a part of an image or a group of images. The floating point to integer converter maps the floating point image value of each pixel to an integer image value wherein each integer image value lies in the predefined range of integer image values. The determined minimal floating point image value is mapped to a minimal integer image value of the predefined range of integer image values and the determined maximal floating point image value is mapped to a maximal integer image value of the predefined range of integer image values. Further the encoder encodes the integer image value of each pixel to obtain and provide encoded image data of the part of the image or the group of images.

No. of Pages : 33 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2012

(21) Application No.1668/KOLNP/2012 A

(43) Publication Date : 15/02/2013

(54) Title of the invention : METHOD AND DEVICE FOR ENHANCING SECURITY OF USER SECURITY MODEL

(51) International classification	:H04L 9/00
(31) Priority Document No	:201010000918.8
(32) Priority Date	:20/01/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/078371
Filing Date	:03/11/2010
(87) International Publication No	:WO 2011/088698
(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)ZTE CORPORATION

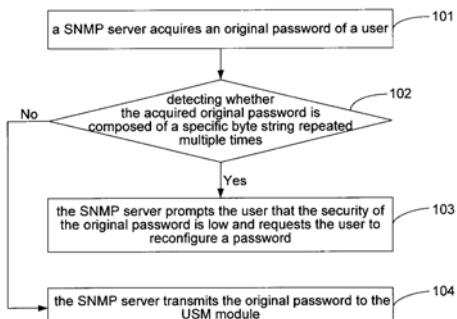
Address of Applicant :ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan, Shenzhen, Guangdong 518057, CHINA

(72)Name of Inventor :

1)LIU, Taiqiang

(57) Abstract :

A method and device for enhancing the security of a user security model are provided in the present invention. In the scheme of the invention after a simple network managing protocol (SNMP) server obtains a multi byte original password of a user the SNMP server detects whether the original password is composed of a specific byte series over a number of cycles if yes the user is prompted to reconfigure the password. The invention greatly enhances the security of version V3 for the SNMP server side solves the problem that the vulnerability exists in the security defined in version V3 in the prior art and avoids the security hidden trouble caused by the fact that illegal users can use the password different from the password of the authorized user to log on the SNMP server.



No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2012

(21) Application No.1669/KOLNP/2012 A

(43) Publication Date : 15/02/2013

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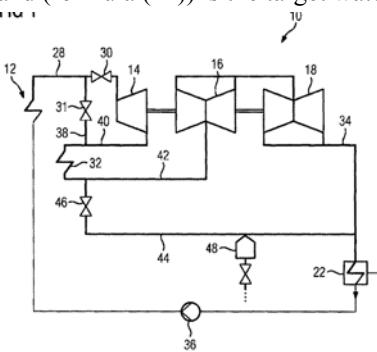
1)MINUTH Stephan

2)RIEMANN Stefan

3)ROTHE Klaus

(57) Abstract :

max Re st 0 The invention relates to a method for regulating a steam bypass valve (46) wherein the following equation is determined (formula (I)) where FB is the maximum water amount shortage (formula (II)) is the amount of water introduced in a steam pipe (44) and (formula (III)) is the target water amount wherein the valve closes when t is less than a value t.

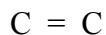


No. of Pages : 15 No. of Claims : 8

AMENDMENT UNDER SEC. 57 (KOLKATA)

An application for change in claims of the Complete Specification in respect of Patent No 219542 (IN/PCT/2001/253/KOL) was filed . Any person interested may at any time within three months from the date of publication give notice on Form-14 to the Controller of Patents , if any, at the appropriate office .

1. Pharmaceutical composition comprising at least one dialkyl fumarate of the formula



Wherein R1 and R2, which may be the same or different, independently represent a linear, branched or cycle, saturated or unsaturated C1-20 alkyl radical which may be optionally substituted with halogen (C1, F, I, Br), hydroxyl , C1-4 alkoxy , nitro or cyano as the active ingredient and optionally conventional excipients, which pharmaceutical composition is for use in transplantation medicine or for the therapy of autoimmune diseases selected from the group consisting of juvenile-onset diabetes, Hashimoto's thyroiditis, Grave's disease, systemic Lupus erythematoses (SLE), Sjogren's syndrome, pernicious anaemia and chronic active (lupoid) hepatitis and multiple sclerosis.

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Approp riate Office
1	255278	1741/DELNP/2006	12/10/2004	23/10/2003	1,3-DIMETHYLBUTYLCARBOXANILIDES	BAYER CROPSCIENCE AKTIENGESELLSCHAFT .	13/04/2007	DELHI
2	255280	633/DELNP/2003	27/09/2001	27/09/2000	AN EDGE INSULATION PIECE FOR AN INSULATION ARTICLE AND METHOD OF MANUFACTURING THE SAME	FREDERICK GEORGE BEST	27/03/2009	DELHI
3	255284	7025/DELNP/2007	10/03/2006	11/03/2005	INTEGRATED REFINERY WITH ENHANCED OLEFIN AND REFORMATE PRODUCTION	UOP LLC	12/10/2007	DELHI
4	255285	673/DEL/2006	10/03/2006		A COMPOSITION OF MAKING LIGHTWEIGHT CERAMIC ARTICLES AND A PROCESS OF MAKING THE SAME.	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	26/08/2011	DELHI
5	255286	2070/DELNP/2007	25/10/2005	25/10/2005	A PROCESS FOR THE PREPARATION OF [1,4,5]-OXADIAZEPANE DERIVATIVES	SYNGENTA PARTICIPATIONS AG	17/08/2007	DELHI
6	255287	2725/DELNP/2006	16/11/2004	21/11/2003	3-AMINOPYRROLIDONE DERIVATIVES	NEWRON PHARMACEUTICALS S.p.A	10/08/2007	DELHI
7	255288	6210/DELNP/2007	16/02/2006	16/02/2005	A CYCLOHEPTA[B] PYRIDINE-3-CARBONYLGUANIDINE COMPOUND	TOA EIYO LTD.	31/08/2007	DELHI
8	255289	7764/DELNP/2006	30/06/2003	10/07/2002	PHARMACEUTICAL COMPOSITION COMPRISING A TABLET CORE OR CAPSULE FILL AND OPACIFYING COAT AND POLISH COAT	PFIZER PRODUCTS, INC	31/08/2007	DELHI
9	255290	149/DELNP/2004	23/08/2002	27/09/2001	BETA-KETOPHOSPHONATES	RHODIA CONSUMER SPECIALTIES LIMITED	20/11/2009	DELHI
10	255294	2772/DELNP/2006	28/10/2004	13/10/2003	A MFI-STRUCTURED MOLECULAR SIEVE CONTAINING PHOSPHORUS AND METAL COMPONENTS AND PREPARATION PROCESSES AND USES OF THE SAME	CHINA PETROLEUM & CHEMICAL CORPORATION,RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC	03/08/2007	DELHI

11	255295	918/DEL/2008	10/03/2008	12/03/2007	COATING COMPOSITION AND COATED METAL SHEET BY USE THE SAME	KANSAI PAINT CO.LTD	19/09/2008	DELHI
12	255299	3810/DELNP/2004	08/07/2003	08/07/2002	COMPOSITION BASED ON SUBSTITUTED 1,3-DIPHENYLPROP-2-EN-1-ONE DERIVATIVES	GENFIT	04/12/2009	DELHI
13	255300	193/DELNP/2007	15/07/2005	15/07/2004	METHOD FOR THE PURIFICATION OF (METH) ACRYLIC ACID	EVONIK STOCKHAUSEN GMBH	03/08/2007	DELHI
14	255305	497/DELNP/2005	04/08/2003	05/08/2002	A CONCEALED FIXING RETAINING CLIP FOR FIXING A ROOF OR OTHER CLADDING SHEET TO AN UNDERLYING SUPPORT STRUCTURE	BLUESCOPE STEEL LIMITED	29/05/2009	DELHI
15	255306	631/DEL/2006	10/03/2006	13/04/2005	POLYURETHANE FOAMS MADE WITH VEGETABLE OIL HYDROXYLATE, POLYMER POLYOL AND ALIPHATIC POLYHYDROXY ALCOHOL	BAYER MATERIALSCIENCE LLC.	06/07/2007	DELHI
16	255315	4961/DELNP/2005	04/05/2004	16/05/2003	PROCESS FOR THE PRODUCTION OF A MULTI-LAYER MULTI-WALL SHEET AND A MULTI-LAYER MULTI-WALL SHEET	BAYER SHEET EUROPE GMBH	07/12/2007	DELHI
17	255316	1906/DELNP/2006	07/10/2004	09/10/2003	A COMPOSITION FOR THE PRETANNING OF PELTS	TFL LEDERTECHNIK GMBH	22/06/2007	DELHI
18	255323	1057/DEL/2004	08/06/2004	07/01/2003	MENTHYL HALF ACID ESTER DERVATIVES, PROCESSES FOR PREPARING SAME AND USES THEREOF FOR THEIR COLLING/REFRESHING EFFECT IN CONSUMABLE MATERIALS	INTERNATIONAL FLAVORS & FRAGRANCES INC.	23/06/2006	DELHI
19	255324	406/DEL/2004	09/03/2004	07/04/2003	SHEET PROCESSING APPARATUS AND SHEET PRECESSING METHOD	KABUSHIKI KAISHA TOSHIBA	21/11/2008	DELHI
20	255328	2674/DELNP/2006	11/11/2004	17/11/2003	NOVEL PIPERIDINE-SUBSTITUTED INDOLES-OR- HETERODERIVATIVES THEREOF	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	03/08/2007	DELHI
21	255329	1144/DELNP/2006	10/08/2004	11/08/2003	METHOD AND APPARATUS FOR SOUND ENHANCEMENT FOR HEARING-IMPAIRED LISTENERS	VAST AUDIO PTY LTD.	10/08/2007	DELHI

22	255330	1399/DELNP/2004	01/11/2002	24/11/2001	A POLYURETHANE POLYMER	THE LUBRIZOL CORPORATION,	16/03/2007	DELHI
23	255331	2319/DELNP/2006	01/11/2004	03/11/2003	A BELT FOR USE IN A LONG NIP SHOE PRESS.	ALBANY INTERNATIONAL CORP.	13/04/2007	DELHI
24	255333	543/DEL/2000	29/05/2000		A PROGRAMMABLE GLITCH FILTER	STMICROELECTRONICS LTD.	23/03/2012	DELHI
25	255335	757/DEL/2007	04/04/2007 14:22:53	07/04/2006	A METHOD OF PREPARING OBJECTS COATED WITH PARTICULATES	THE QUAKER OATS COMPANY	12/10/2007	DELHI
26	255340	2848/DELNP/2004	14/03/2003	26/03/2002	IMPACT-MODIFIED POLYMER COMPOSITION	BAYER MATERIALSCIENCE AG	09/10/2009	DELHI
27	255343	108/DELNP/2007	08/07/2005	08/07/2004	CONTINUOUS SOLUTION POLYMERIZATION PROCESS	EXXONMOBIL CHEMICAL PATENTS INC,	13/07/2007	DELHI
28	255344	412/DELNP/2006	08/07/2004	23/07/2003	SYSTEM AND APPARATUS FOR ENCODING USING DIFFERENT WAVEFORMS	INTEL CORPORATION	17/08/2007	DELHI
29	255349	642/DEL/2004	31/03/2004		A METHOD OF MANUFACTURING SEMICONDUCTING OXIDE BASED GAS SENSORS IN THICK FILM FORM FOR DETECTION OF COMBUSTIBLE GASES IN PRESENCE OF VOLATILE ORGANIC COMPOUNDS	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	02/06/2006	DELHI
30	255352	5422/DELNP/2005	26/06/2003	26/06/2003	DEVICE FOR DETACHABLE CLAMPING OF FASTENING ELEMENTS WITHIN A SURGICAL FIXING OR REPOSITIONING DEVICE	SYNTHERS GmbH	01/02/2008	DELHI

Publication Under Section 43(2) in Respect of the Grant

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	255277	1951/MUM/2007	03/10/2007		IMPROVED PROCESS FOR PREPARATION OF TRIAZOL-BENZODIAZEPINE DERIVATIVES	CENTAUR CHEMICALS PVT. LTD.	05/06/2009	MUMBAI
2	255281	361/MUMNP/2009	18/09/2007	18/09/2006	OPTIMIZED ANTIBODY THAT TARGETS HM1.24	XENCOR, INC.	22/05/2009	MUMBAI
3	255282	232/MUMNP/2009	14/08/2007	14/08/2006	OPTIMIZED ANTIBODY THAT TARGETS CD19	XENCOR, INC.	22/05/2009	MUMBAI
4	255291	1043/MUMNP/2007	08/02/2006	11/02/2005	METHOD AND APPARATUS FOR FLUIDIZING A FLUIDIZED BED	OUTOTEC OYJ	10/08/2007	MUMBAI
5	255309	316/MUMNP/2008	13/07/2006	17/08/2005	OUTER-LOOP POWER CONTROL METHOD AND DEVICE FOR WIRELESS COMMUNICATION SYSTEMS	T.O.P OPTIMIZED TECHNOLOGIES, S.L.	07/03/2008	MUMBAI
6	255312	1243/MUMNP/2010	29/10/2008	13/12/2007	METHOD FOR PRODUCING CORROSION-RESISTANT SURFACES OF NITRATED OR NITROCARBURATED STEEL COMPONENTS	DURFERRIT GMBH	22/10/2010	MUMBAI
7	255326	1981/MUM/2008	18/09/2008		NOVEL STOMACH-SPECIFIC ORAL LIPOSOMAL FORMULATIONS BY MODIFIED METHOD	SHENDE PRAVIN KESHAORAO	26/03/2010	MUMBAI
8	255339	897/MUMNP/2008	14/11/2005	07/11/2005	A METHOD FOR PRODUCING A DISINFECTING AGENT	BALEKHOV, SERGEI ALEXEEVICH	27/06/2008	MUMBAI

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Ser ial Nu mber	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	255272	21/CHENP/2007	01/07/2005	02/07/2004	DEVICE FOR HOLDING AND SEPARATING CHIPPINGS AND COOLING LIQUID ACCUMULATING ON MACHINE TOOLS(CONVEYANCE)	MAYFRAN INTERNATIONAL B.V.	17/08/2007	CHENNAI
2	255274	447/CHE/2008	22/02/2008 15:58:01		TELESCOPIC FRONT FORK OF A MOTOR CYCLE	TVS MOTOR COMPANY LIMITED	11/09/2009	CHENNAI
3	255275	3538/CHENP/2006	21/02/2005	27/02/2004	ALARM SYSTEM FOR AN AIRCRAFT DOOR	PENNY & GILES AEROSPACE LTD.	15/06/2007	CHENNAI
4	255279	1636/CHENP/2007	21/10/2005	21/10/2004	(BIPHENYL)CARBOXYLIC ACIDS AND DERIVATIVES THEREOF	CELLZONE LIMITED	31/08/2007	CHENNAI
5	255283	320/CHE/2006	24/02/2006		A METHOD FOR SPATIAL REUSE WITH LINKS USING TRANSMIT POWER CONTROL IN A WIRELESS PERSONAL AREA NETWORK	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	23/11/2007	CHENNAI
6	255292	1335/CHENP/2006	15/10/2004	17/10/2003	A METHOD AND APPARATUS FOR HANDLING FAILURE OF AN ACTIVE ROUTING COMPONENT	IP INFUSION, INC.	06/07/2007	CHENNAI
7	255293	1307/CHE/2005	15/09/2005		METHOD AND SYSTEM FOR SEAMLESS MOBILITY SUPPORT USING HIERARCHICAL HOME AGENTS	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	25/01/2008	CHENNAI
8	255296	3972/CHENP/2007	27/01/2006	11/03/2005	METAL POWDER COMPOSITION COMPRISING A DRYING OIL BINDER	HOGANAS AB	23/11/2007	CHENNAI
9	255301	3458/CHENP/2006	23/02/2005	23/02/2004	INHIBITORS OF DIPEPTIDYLPEPTIDASE IV FOR REGULATING GLUCOSE METABOLISM	TRUSTEES OF TUFTS COLLEGE	15/06/2007	CHENNAI
10	255302	1871/CHE/2005	21/12/2005		METHOD AND DEVICE FOR ASSIGNING INTERNET PROTOCOL (IP) ADDRESS IN A WIRELESS PERSONAL AREA NETWORK (WPAN) ENVIRONMENT	SAMSUNG INDIA SOFTWARE OPERATIONS PVT. LTD.	31/08/2007	CHENNAI

11	255303	1627/CHE/2005	09/11/2005	09/11/2004	APPARATUS AND PROCESS FOR CATALYTIC CRACKING OF TWO DISTINCT HYDROCARBON FEEDS	INSTITUT FRANCAIS DU PETROLE	05/10/2007	CHENNAI
12	255322	2718/CHENP/2006	16/12/2004	22/12/2003	METHOD FOR RECORDING INFORMATION ON A RECORD MEDIUM AND METHOD FOR READING INFORMATION FROM A RECORD MEDIUM	KONINKLIJKE PHILIPS ELECTRONICS N.V.	08/06/2007	CHENNAI
13	255332	IN/PCT/2002/2154/CHE	16/04/2002	26/04/2001	A METHOD OF ENABLING MULTIPLE END-USERS TO RECEIVE CONTENT INFORMATION	KONINKLIJKE PHILIPS ELECTRONICS N.V.	25/02/2005	CHENNAI
14	255334	171/CHE/2008	21/01/2008 15:09:56	25/01/2007	AN ELECTRONIC CIRCUIT FOR REDUCING HARMONICS OF OUTPUT SIGNALS	RESEARCH IN MOTION LIMITED	01/02/2008	CHENNAI
15	255337	2509/CHENP/2006	10/12/2004	11/12/2003	A METHOD FOR TRANSPORT CONTROL , AN ASSOCIATED SYSTEM NODE AND AN ASSOCIATED PACKET SWITCHED COMMUNICATION SYSTEM	NOKIA CORPORATION	08/06/2007	CHENNAI
16	255338	5032/CHENP/2007	12/12/2003	20/12/2002	SYNTHESIS OF AMINES AND INTERMEDIATES FOR THE SYNTHESIS THEREOF	CIBA HOLDING INC.	21/03/2008	CHENNAI
17	255346	867/CHE/2006	17/05/2006		NOVEL PROCESS FOR THE PREPARATION OF PITAVASTATIN AND ITS PHARMACEUTICALLY ACCEPTABLE SALTS	Manne Satyarayana Reddy,Maramreddy Sahadeva Reddy	21/12/2007	CHENNAI
18	255351	318/CHE/2006	24/02/2006		METHOD FOR CONSERVING BATTERY POWER IN A MOBILE STATION DURING EMERGENCY SERVICE AND NO SERVICE PERIOD	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	23/11/2007	CHENNAI
19	255354	2456/CHENP/2006	03/12/2004	06/01/2004	METHOD AND APPARATUS FOR REPORTING LOCATION OF A MOBILE TERMINAL	NOKIA CORPORATION	08/06/2007	CHENNAI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	255276	3482/KOLNP/2006	17/05/2005	08/06/2004	DEVICE AND PROCESS FOR INSPECTING SURFACES IN THE INTERIOR OF HOLES	MICRO-EPSILON MESSTECHNIK GMBH & CO. KG.	15/06/2007	KOLKATA
2	255297	739/KOLNP/2007	12/08/2005	12/08/2004	FUNCTIONAL SUGAR REPLACEMENT.	SWEETWELL N.V.	13/07/2007	KOLKATA
3	255298	676/CAL/1998	20/04/1998	23/04/1997	PROCESS FOR THE PREPARATION OF PURE FLUPIRTINE MALEATE	AWD PHARMA GMBH & CO. KG.	18/03/2005	KOLKATA
4	255304	1238/KOLNP/2005	13/11/2003	27/11/2002	A METHOD OF PREPARING A POLYCRYSTALLINE BLOCK	SAINT-GOBAIN CRISTAUX ET DETECTEURS	30/06/2006	KOLKATA
5	255307	622/KOL/2008	28/03/2008		A FIRE RESISTANT STEEL ADAPTABLE TO STRUCTURAL APPLICATIONS AND THE PROCESS OF PRODUCTING THEREOF	TATA STEEL LIMITED	02/10/2009	KOLKATA
6	255308	205/KOL/2009	05/02/2009 11:19:41		PROCESS FOR PREPARATION OF ULTRA FINE, LOW BULK DENSITY ALUMINA TRI HYDRATE	NATIONAL ALUMINIUM COMPANY LIMITED	17/07/2009	KOLKATA
7	255310	2766/KOLNP/2007	10/01/2006	28/01/2005	PRODUCTION OF 3-(ALKYLTHIO)PROPANAL	EVONIK DEGUSSA GMBH	31/08/2007	KOLKATA
8	255311	131/KOL/2004	16/11/1998	11/12/1997	A PROCESS FOR PREPARING VINYL ACETATE IN THE GAS PHASE	CELANESE GMBH	27/10/2006	KOLKATA
9	255313	592/KOLNP/2007	14/03/2005	29/07/2004	A STAIN REMOVING ORAL COMPOSITION	KRAFT FOODS GLOBAL BRANDS, LLC	06/07/2007	KOLKATA
10	255314	2680/KOLNP/2007	13/01/2006	19/01/2005	NOVEL ODORANT COMPOUNDS, SYNTHESIS METHOD, OF SAID COMPOUNDS	V. MANE FILS	31/08/2007	KOLKATA
11	255317	2862/KOLNP/2006	07/04/2005	08/04/2004	METHODS FOR MINIMIZING THIOAMIDE IMPURITES	WYETH	08/06/2007	KOLKATA

12	255318	503/KOLNP/2007	14/07/2005	14/07/2004	SYSTEMS AND METHODS OF ANALYZING NUCLEIC ACID POLYMERS AND RELATED COMPONENTS	ZS GENETICS, INC.	06/07/2007	KOLKATA
13	255319	877/KOLNP/2008	05/09/2006	20/09/2005	PROCESS FOR PRODUCTION OF DIALKYL CARBONATE AND DIOL	ASAHI KASEI CHEMICALS CORPORATION	28/11/2008	KOLKATA
14	255320	600/KOLNP/2007	11/08/2005	18/08/2004	EPOXY RESIN COMPOSITION FOR SEMICONDUCTOR SEALING AGENTS AND EPOXY RESIN MOLDING MATERIAL.	KANEKA CORPORATION	06/07/2007	KOLKATA
15	255321	884/KOL/2009	19/06/2009 16:13:27		PROCESS FOR EXTRACTION OF FINE IRON FROM RED MUD	NATIONAL INSTITUTE OF TECHNOLOGY	14/08/2009	KOLKATA
16	255325	1636/KOLNP/2007	16/11/2005	19/11/2004	A LOCKING DEVICE FOR AN ELECTRICAL SWITCH AND AN WITHDRAWABLE LOCK WITH LOCKING DEVICE	SIEMENS AKTIENGESELLSCHAFT	17/08/2007	KOLKATA
17	255327	647/KOLNP/2007	29/07/2005	29/07/2004	SKIN COATING COMPOSITIONS AND USES THEREOF	BLONDE HOLDINGS PTY LTD.	06/07/2007	KOLKATA
18	255336	2255/KOLNP/2006	02/03/2005	04/03/2004	A MULTI-POLE LOW VOLTAGE POWER SWITCH	SIEMENS AKTIENGESELLSCHAFT	25/05/2007	KOLKATA
19	255341	883/KOL/2009	19/06/2009		CHEMICAL DENITRIFICATION OF WATER BY HYDROXYLAMINE HYDROCHLORIDE	NATIONAL INSTITUTE OF TECHNOLOGY	14/08/2009	KOLKATA
20	255342	912/KOLNP/2007	07/09/2005	09/09/2004	OPTICAL RECORDING MEDIUM	RICOH COMPANY, LTD.	13/07/2007	KOLKATA
21	255345	3228/KOLNP/2007	15/02/2006	17/02/2005	BEVERAGE DISPENSER	LANCER PARTNERSHIP, LTD.	04/01/2008	KOLKATA
22	255347	1511/KOL/2007	02/11/2007	20/11/2006	A SYSTEM AND A METHOD FOR CONTROLLING A TRANSMISSION OF A VEHICLE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	11/07/2008	KOLKATA
23	255348	1559/KOLNP/2006	23/12/2004	23/12/2003	MATERIAL DISCHARGE APPARATUS AND METHOD FOR CONTROLLING THE DISCHARGE OF FLOWABLE MATERIAL	DSH SYSTEMS LIMITED	04/05/2007	KOLKATA
24	255350	909/KOL/2007	26/06/2007	11/09/2006	A POSITIVE DISPLACEMENT SUPERCHARGER AND A METHOD OF PRODUCING A HOUSING OF THE SUPERCHARGER	GM GLOBAL TECHNOLOGY OPERATIONS, INC	25/04/2008	KOLKATA
25	255353	1684/KOLNP/2009	16/11/2007	17/11/2006	A PROCESS FOR PRODUCING ISOCYANATES	ASAHI KASEI CHEMICALS CORPORATION	12/06/2009	KOLKATA

CONTINUED TO PART- 2