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का
शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

(P H Kurian)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

16TH SEPTEMBER, 2011

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**THE PATENT OFFICE
KOLKATA, 16/09/2011**

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> <ul style="list-style-type: none"> ❖ Rest of India
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

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office.

Fees: The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय
कोलकाता, दिनांक 16/09/2011
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 :-

1	<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>	4	<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>
2	<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>	5	<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>
3	<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.

(P H Kurian)

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.

CORRIGENDUM (DELHI)

The public is hereby informed that the Title of the Patent for Patent No. **236222** published u/s 43(2) on **16/10/2009** under Journal No. **42/2009** is proposed to be changed from

**FOOD OR FEED PRODUCT FORM A HIGH YIELDING SOYBEAN PLANTS
WITH INCREASED SEED PROTEIN PLUS OIL**

TO

**METHOD FOR PRODUCING FOOD OR FEED FROM HIGH YIELDING
SOYBEAN PLANTS WITH INCREASED SEED PROTEIN PLUS OIL**

U/S 57(3) of The Patents Act 1970. The proposed Post Grant Amendments filed on 15-12-2009 vide Form-13 are hereby published u/s 57(3). Any person interested, may , within prescribed period after the publication thereof, give notice to the Controller of Opposition thereto u/s 57(4).

Early Publication:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1518/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :29/06/2010

(43) Publication Date : 16/09/2011

(54) Title of the invention : AUTOMATIC ROLL-FEED, WRAP-AROUND LABELING MACHINE WITH HOT-MELT GLUE FOR SQUARE, RECTANGULAR, HEXAGONAL, OCTAGONAL AND ROUND SHAPED BOTTLES AND CONTAINERS

(51) International classification	:B65C 1/00	(71)Name of Applicant : 1) SHARMA DEV PRAKASH Address of Applicant :HOUSE NO 2015, SECTOR-28 FARIDABAD- 121008, HARYANA, 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)SHARMA DEV PRAKASH
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 Automatic Roll-feed, Wrap-around Labeling Machine with hot-melt glue for square, Rectangular, Hexagonal, Octagonal & Round shaped bottles and containers that helps affixation of labels to a bottle of any shape as against the conventional labeling machines for round bottles and containers only with the help of hot-melt glue. A bottle of any shape can be easily rotated so as to allow the label to get affixed tightly form every angle if the bottle is not round shaped. The invention performs the desired process at desired speed from 30bpm (bottles per minute) to 150 bpm (bottles per minute) and thereby provides bottles and containers with neatly affixed labels in the desired time in a cost efficient manner.

No. of Pages : 14 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/08/2010

(21) Application No.1863/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A NEW PROCESS FOR PREPARATION OF EGGLLESS DRY CAKE.

(51) International classification	:A21D
(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)BHAJAN BIR KHURANA

Address of Applicant :1, EKTA COMPLEX, MODEL TOWN, PANIPAT-132 103. Delhi India

(72)Name of Inventor :

1)BHAJAN BIR KHURANA

(57) Abstract :

The present invention provides a process for the preparation of a novel buttery/ Chocolaty taste juicy eggless dry cake, which comprises: Baking the cake in a known manner as herein before described; the hot baked cake is taken out from the oven and immediately thereafter the caramelized sugar syrup prepared in a manner as hereinbefore described; is poured over/upon the cake and the dilution and concentration of the syrup is maintained in such manner that the hot caramelized sugar syrup is poured inside the pours of the dry cake till its core uniformly and thereby obtaining the hot baked juicy buttery/chocolaty taste cake which is not possible in case of traditional method of baking the cake. The invention also provides a novel buttery/ Chocolaty taste juicy eggless dry cake.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.841/MUM/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SANDWICH TYPE SUPERCAPACITOR MAKING PROCESS.

(51) International classification	:H01G9/00
(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	: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)KARANDIKAR PARASHURAM BALWANT

Address of Applicant :5/5 GOLF RESIDENCY,
YERAWADA, PUNE 411006, MAHARASHTRA, INDIA

(72)Name of Inventor :

1)KARANDIKAR PARASHURAM BALWANT

2)NANDURI SAI PRASUN

3)DEKATE AKSHAY

4)SINGH KUMAR ATUL

5)TALANGE DHANANJAY BALU

(57) Abstract :

Supercapacitor is a pulse power device and it is used along with a battery. Use of this device enhances the life of a battery and reduces its sizing and cost effectively. Size of the supercapacitor is critical in moving applications. Present invention is about reducing the size of the supercapacitor. A five layer compact sandwich type of Supercapacitor is presented in the invention. Use of this sandwich type of Supercapacitor can be done in any acceptable electrolyte. It also reduces its ESR and enhances its performance.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/03/2011

(21) Application No.745/MUM/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : LIGHTING FIXTURE AND ILLUMINATION SYSTEM OF ANGULAR DISPERSIVE AND MODULAR STRUCTURE

(51) International classification	:H01M2/00,F21V21/00	(71) Name of Applicant : 1)MITESH S. PHALAK Address of Applicant :HINGONE, TAL - YAWAL, DIST - JALGAON, 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)MITESH S. PHALAK
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 :

Light sources, optics, heat transfer material or heat sink, heat resistant hold one, hold two and electronic box having dimming and remote control are tightly screwed or fixed together inside the weather proof casing and referred as cell light fixture. The said cell light fixtures are connected at angles selected through probability optimization to form pivoted plane luminary structure. The numbers and combinations of light sources and beam angle of optics to be placed inside the said individual ceil light fixture are derived from interplay among the said focus light calculations and the probability optimization to maximize the uniformity of luminous flux distribution over the entire focus area or space which is sum of all the focus areas and/or spaces under consideration. Said heat transfer material is dispersed to render maximum contact with natural air to impart improved cooling through natural or buoyant convection and radiation in addition to conduction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.843/MUM/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : REGENERATIVE BRAKING IN ELECTRIC TWO WHEELER USING SUPERCAPACITORS

(51) International classification	:H01M10/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)KARANDIKAR PARASHURAM BALWANT
(32) Priority Date	:NA	Address of Applicant :5/5 GOLF RESIDENCY, YERAWADA, PUNE 411006, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)KARANDIKAR PARASHURAM BALWANT
Filing Date	:NA	2)SARKAR ANSHUMAN
(87) International Publication No	:N/A	3)KUMAR AMIT
(61) Patent of Addition to Application Number	:NA	4)SINGH GARY ROHAN
Filing Date	:NA	5)PAL RAJU
(62) Divisional to Application Number	:NA	6)TALANGE DHANANJAY BALU
Filing Date	:NA	

(57) Abstract :

This Invention presents an implementation of a regenerative braking system in an electrically operated two wheeler using supercapacitors (SC). The banks of Supercapacitors have been used to recover kinetic energy from an electric operated two wheeler, thus partially salvaging the heat energy previously dissipating due to friction. Kinetic energy which gets converted into heat energy in conventional braking is converted into useful energy and stored in supercapacitors in the developed system. The supercapacitor bank provides assistance to the battery during starting/acceleration, thereby improving the life of the battery. The recovering of the braking energy is done using frictional brakes along with electronic brakes, wherein the electronic brake is applied via Single Pole Single Throw (SPST) switch before the mechanical brake to decelerate the vehicle. The invention also deals with a modified brake lever, which decides how the mechanical and the regenerative brakes work to stop the bike. The present invention also describes the use of DC hub machine, capable of motoring and regeneration to eliminate the mechanical power transmission system and separate generator and thereby recapture energy during regeneration more efficiently.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2011

(21) Application No.519/KOL/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A GYRO MIXER MACHINE WITH EXTERNAL REAR PULLEY AND MAIN-FRAME OF STEEL CONSTRUCTION

(51) International classification	:A01N63/04, A22C17/00
(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)PAR ENTERPRISES PVT. LTD.

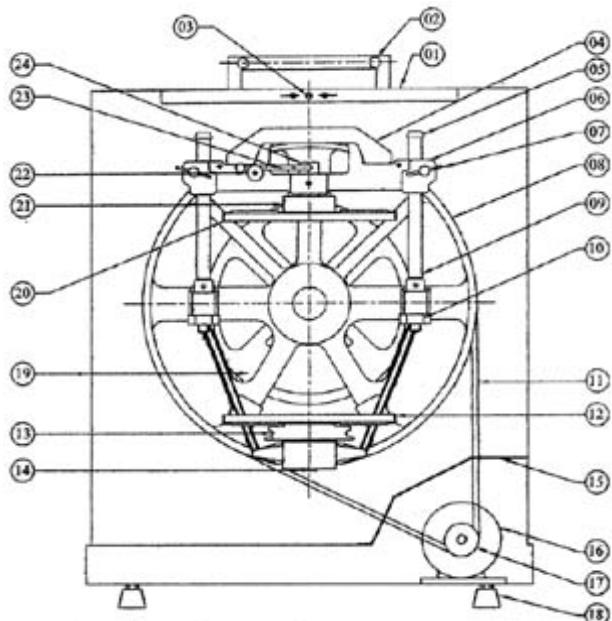
Address of Applicant :PLOT NO. 89, UDAYAN
INDUSTRIAL ESTATE, 3, PAGLADANGA ROAD,
KOLKATA-700 015, West Bengal India

(72)Name of Inventor :

1)GUPTA, ALOK

(57) Abstract :

A Gyro Mixer machine for mixing of containerized liquid/paint with increased loading capacity and low power input. Advantageously, the gyro-mixer is adapted for operation even manually in case of power failures and/or on regions where power supply is not readily available. The Gyro mixer machine is smaller, and compact in construction, having an external Rear Pulley facilitating manual operation in case of power failure. Moreover, the drive system is mounted on a steel construction Main- Frame ensuring longer operating life free of repair/replacement.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/07/2010

(21) Application No.716/KOL/2010 A

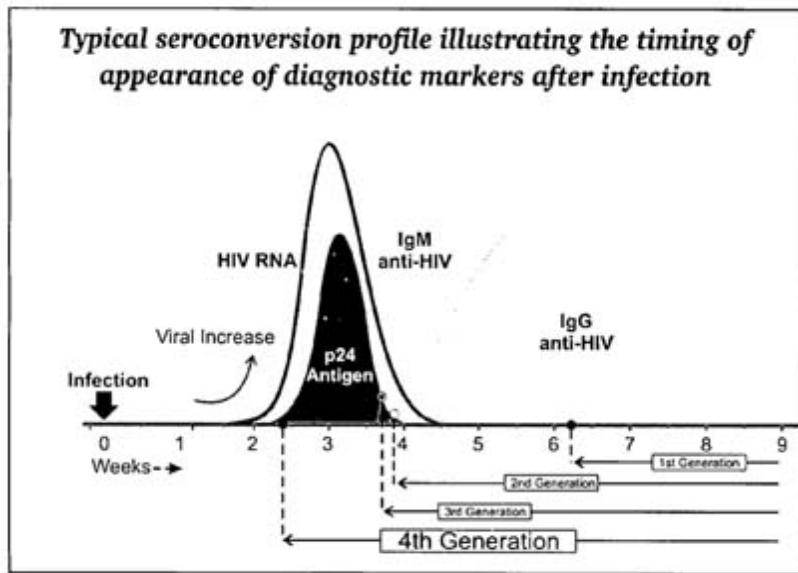
(43) Publication Date : 16/09/2011

(54) Title of the invention : AN IMPROVED CHEMILUMINESCENCE IMMUNOASSAY KIT FOR SIMULTANEOUS DETECTION OF HIV 1 AND HIV 2 ANTIBODIES AND HIV 1 P24 ANTIGEN IN HUMAN SERUM AND PLASMA

(51) International classification	:C12N7/02	(71) Name of Applicant : 1)MAHAJAN; LALIT Address of Applicant :1-D, MANHAR MAHAL, 4 BAKUL BAGAN RAO, BEHIND LANSDOWNE MKT, KOLKATA-700 025, West Bengal 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)MAHAJAN; LALIT
(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 :

HIV Ag & Ab CLIA kit is a diagnostic kit for analyzing simultaneously the presence of antibodies to HIV 1, antibodies to HIV 2 and antigen to HIV-1 p24 antigen present in human serum or plasma. It is an in vitro qualitative chemiluminescent immunoassay for the simultaneous detection of HIV 1 antibodies HIV 2 antibodies and HIV1 p24 antigen. It is a highly sensitive kit which detects HIV antibodies and HIV antigen in human serum or plasma. The kit includes a microtiter plate which is immobilized with recombinant or synthetic peptide of HIV 1 gp 41 or a combination thereof, recombinant or synthetic peptide of HIV 1 C terminus of gp 120 or a combination thereof, recombinant or synthetic peptide of HIV 1 gp 160 antigen or a combination thereof, recombinant or synthetic peptide of HIV 1 O sub group antigen or a combination thereof, recombinant or synthetic peptide of HIV 2 gp 36 antigen or a combination thereof and monoclonal or polyclonal HIV 1 p24 antibody or a combination thereof. The diagnostic kit includes microplate immobilized with antigen or antibodies, enzyme conjugate, conjugate diluent, luminol substrate, luminol diluent, positive control, negative control, calibrator, wash buffer and sample diluent.



No. of Pages : 36 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/07/2010

(21) Application No.717/KOL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : AN IMPROVED CHEMILUMINESCENCE IMMUNOASSAY KIT FOR THE DETECTION OF HEPATITIS C ANTIBODIES IN HUMAN SERUM AND PLASMA

(51) International classification	:C12N7/00
(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)MAHAJAN; LALIT

Address of Applicant :1-D, MANHAR MAHAL, 4 BAKUL BAGAN ROA, BEHIND LANSDOWNE MKT, KOLKATA-700 025, West Bengal India

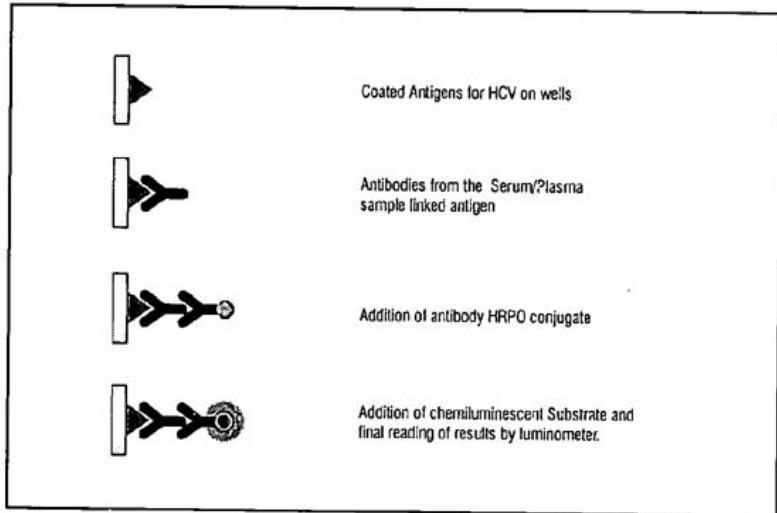
(72)Name of Inventor :

1)MAHAJAN; LALIT

(57) Abstract :

The present invention relates a third generation HCV Chemiluminescence Immunoassay kit for analyzing the presence of HCV antibodies in human serum or plasma. More specifically, it is a microwell chemiluminescence immunoassay for the detection of antibodies to HCV virus in human serum or plasma. The kit includes a microwell which is immobilized with HCV core , E1, E2, NS2, NS3, NS4 and NS5 proteins. The diagnostic kit includes antigen immobilized microwell, enzyme conjugate , conjugate diluent, luminol substrate, substrate diluent, positive control, negative control, calibrator, wash buffer and sample diluent.

PRINCIPLE



No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/07/2010

(21) Application No.718/KOL/2010 A

(43) Publication Date : 16/09/2011

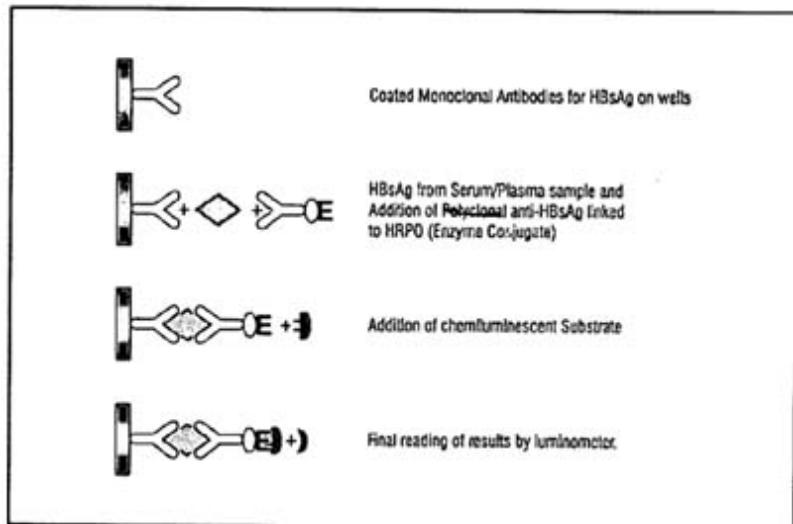
(54) Title of the invention : AN IMPROVED CHEMILUMINESCENCE IMMUNOASSAY KIT FOR THE DETECTION OF HEPATITIS B SURFACE ANTIGEN IN HUMAN SERUM AND PLASMA

(51) International classification	:C12N7/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHAJAN; LALIT
(32) Priority Date	:NA	Address of Applicant :1-D, MANHAR MAHAL, 4 BAKUL
(33) Name of priority country	:NA	BAGAN ROA, BEHIND LANSDOWNE MKT, KOLKATA-700
(86) International Application No	:NA	025, West Bengal India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MAHAJAN; LALIT
(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, HBs Ag CLIA kit designed for the in vitro qualitative detection of Hepatitis B surface antigen in human serum or plasma is used as a screening test for the testing of collected blood prior to the transfusion. It is an in vitro qualitative chemiluminescence immunoassay for the detection of Hepatitis B surface antigen in human serum or plasma. It is a highly sensitive technique which detects the surface antigen of the hepatitis B present in human serum or plasma. The diagnostic kit comprises of a microwell which is immobilized with monoclonal anti HBs antibody or polyclonal anti HBs antibody or a combination thereof. The kit also includes enzyme conjugate, conjugate diluent, luminol substrate, substrate diluent, positive control, negative control, calibrator and wash buffer.

PRINCIPLE



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/07/2010

(21) Application No.719/KOL/2010 A

(43) Publication Date : 16/09/2011

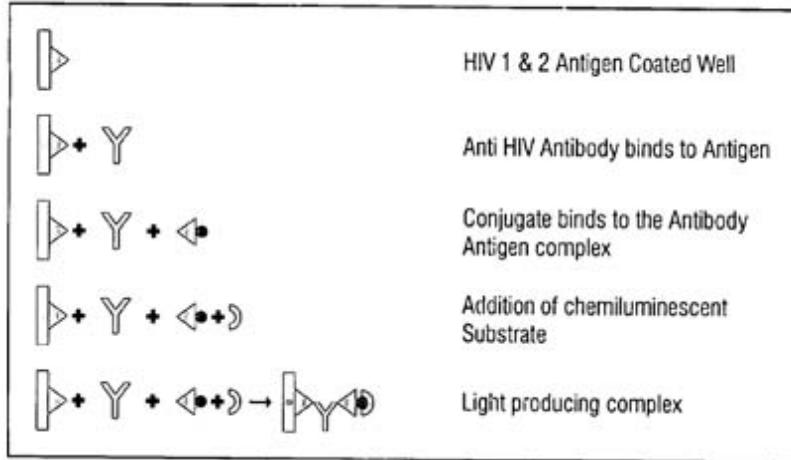
(54) Title of the invention : AN IMPROVED CHEMILUMINESCENCE IMMUNOASSAY KIT FOR THE DETECTION OF HIV 1 AND HIV 2 ANTIBODIES IN HUMAN SERUM AND PLASMA

(51) International classification	:C12N7/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHAJAN; LALIT
(32) Priority Date	:NA	Address of Applicant :1-D, MANHAR MAHAL, 4 BAKUL
(33) Name of priority country	:NA	BAGAN ROA, BEHIND LANSDOWNE MKT, KOLKATA-700
(86) International Application No	:NA	025, INDIA West Bengal India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MAHAJAN; LALIT
(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 chemiluminescence immuno assay kit for analyzing the presence of HIV 1 and HIV 2 antibodies present in human serum or plasma. More specifically it is a diagnostic kit for the detection of HIV 1 and HIV 2 antibodies present in human serum or plasma. The chemiluminescent immunoassay kit includes a microtiter plate which is immobilized with recombinant HIV1 gp41 antigen or synthetic peptide HIV 1 gp41 or a combination thereof; recombinant HIV 1 C terminus of gp 120 or synthetic peptide of HIV1 C terminus of gp 120 or a combination thereof; recombinant antigen HIV 1 gp 160 or synthetic peptide of HIV 1 gp 160 or a combination thereof; recombinant antigen HIV 1 O sub group or synthetic peptide HIV 1 O subgroup or a combination thereof; and recombinant antigen HIV 2 gp 36 antigen or synthetic peptide of HIV2 gp 36 or a combination thereof. The diagnostic kit includes microplate immobilized with HIV antigen , enzyme conjugate, conjugate diluent, luminol substrate, substrate diluent, positive control, negative control, calibrator, wash buffer and sample diluent.

PRINCIPLE



No. of Pages : 26 No. of Claims : 7

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.2395/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/10/2010

(43) Publication Date : 16/09/2011

(54) Title of the invention : POWER PRODUCTION CONTROL SYSTEM AND METHOD

(51) International classification	:H02K	(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	:12/582,053	
(32) Priority Date	:20/10/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KIRCHNER ANDREAS
(87) International Publication No	:NA	2)UBBEN ENNO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A control system for an energy production facility includes a plant controller for receiving an indication of a measured power output of the energy production facility that includes power generators and produces output signals. The system also includes a processing unit operably coupled to the plant controller and responsive to executable computer instructions when executed on the processing unit cause the plant controller to: create an output signal that causes an energy storage device to discharge in the event power reserves of the power generators can not meet the requested ramp down rate; and create an output signal that causes the energy storage device to charge up in the event that the power capability of the power generators can meet the requested ramp down rate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2010

(21) Application No.2396/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : COMMERCIAL VEHICLE WITH A CHASSIS FRAME

(51) International classification	:B62D21/02	(71) Name of Applicant :
(31) Priority Document No	:10 2009 048 347.0	1)MAN NUTZFAHRZEUGE AKTIENGESELLSCHAFT Address of Applicant :DACHAUER STRASSE 667, D - 80995 MUNCHEN, GERMANY
(32) Priority Date	:06/10/2009	2)GEORG FISCHER AUTOMOBILGUSS GMBH
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)HORNSMANN, MARTIN
Filing Date	:NA	2)ROSSOL, MARTIN
(87) International Publication No	:NA	3)SEIDINGER, KARL
(61) Patent of Addition to Application Number	:NA	4)MELAI, GIUSEPPE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Commercial vehicle with a chassis frame, between the side members (1) of which at least one cross member (3) is detachably fastened transversely to the direction of travel (2). The cross member (3), in order to facilitate mounting or dismounting, consists of at least two cross-member parts (4; 5) which axially abut each other. The cross-member parts (4; 5), viewed in the direction of travel (2), can be displaced relative to each other and have one flange (6; 7) each for their mutual connection. In the abutment region (12), the flanges (6; 7) lie parallel against each other and are arranged obliquely relative to the longitudinal axis (8) of the side member (1).

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2010

(21) Application No.519/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A RADIOPROTECTIVE EXTRACT OBTAINED FROM A BACTERIA AND A PROCESS FOR PREPARATION THEREOF

(51) International classification	:A61K35/00;	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION
(32) Priority Date	:NA	Address of Applicant :MINISTRY OF DEFENCE, GOVT OF INDIA, ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110011 India
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KUMAR, RAJ
(87) International Publication No	:NA	2)BANSAL, DEEN DAYAL
(61) Patent of Addition to Application Number	:NA	3)PATEL, DEV DUTT
Filing Date	:NA	4)MISHRA SAURABH
(62) Divisional to Application Number	:NA	5)SHARMA ASHOK
Filing Date	:NA	6)ARORA, RAJESH
		7)TRIPATHI, R.P.

(57) Abstract :

The present invention comprises of radioprotective fraction/materials/extracts and a process of preparation of a radio-protectant fraction/materials/extracts from radio-resistant bacterium. The radio-protectant extract is capable of mitigating the deleterious effects of harmful radiations. The present invention provides radioprotective extract obtained from a bacteria of bacillus specie, comprising of whole bacterium, and/or its components including proteins, DNA or carbohydrates or other components from high radiation environment thereof. The present invention further provides radioprotective products produced using the radioprotective extract.

No. of Pages : 55 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2010

(21) Application No.525/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A METHOD TO EHANCE MULTIPLE ABIOTIC STRESS TOLERANCE OF CROP PLANTS BY OVER EXPRESSIN OF CYSTATHIONINE-B-SYNTHASE DOMAIN CONTAINING GENE AND CYSTATHIONINE-B-SYNTHASE DOMAIN CONTAINING GENE THEREFOR

(51) International classification	:A61K31/53;	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SINGLA-PAREEK, SNEH LATA
(32) Priority Date	:NA	Address of Applicant :PLANT MOLECULAR BIOLOGY
(33) Name of priority country	:NA	GROUP, INTERNATIONAL CENTRE FOR GENETIC
(86) International Application No	:NA	ENGINEERING AND BIOTECHNOLOGY (ICGEB), NEW
Filing Date	:NA	DELHI - 110067, India
(87) International Publication No	:NA	2)SOPORY, SUDHIR KUMAR
(61) Patent of Addition to Application Number	:NA	3)PAREEK, ASHWANI
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)SINGLA-PAREEK, SNEH LATA
Filing Date	:NA	2)SOPORY, SUDHIR KUMAR
		3)SINGH, ANIL KUMAR
		4)PAREEK, ASHWANI

(57) Abstract :

The present invention relates to CBS domain containing genes of Pokkali (*Oryza sativa L.*) rice having relative expression ratio (fold change, that is, stress vs. control plant) above 2.5 folds and being capable of up-regulating expression of CBS domain containing gene when grown under 200 mM NaCl stress, and capable of substantially enhancing multiple abiotic stress tolerance of plants when overexpressed with CBS domain containing gene even under conditions of high concentration of NaCl, ZnCl₂, and methyl viologen (MV) stress. In one embodiment, it relates to a process for isolation of CBS domain containing gene. It also relates to a method for overexpressing the CBS domain containing gene. It further relates to an overexpressed transgenic tobacco plant grown from overexpressed transgenic tobacco leaf.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/08/2010

(21) Application No.1973/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : POSITION POINTER, VARIABLE CAPACITOR AND INPUTTING APPARATUS

(51) International classification	:H01G5/00	(71) Name of Applicant : 1)WACOM CO., LTD. Address of Applicant :2-510-1 TOYONODAI, KAZO-SHI, SAITAMA 349-1148, JAPAN
(31) Priority Document No	:2010-051677	
(32) Priority Date	:09/03/2010	
(33) Name of priority country	:Japan	(72) Name of Inventor : 1)YASUYUKI FUKUSHIMA 2)HIROYUKI FUJITSUKA
(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 :

A position pointer is disclosed, including a housing, a substantially bar-like rod accommodated in the housing such that one end thereof projects to the outer side of the housing, and a variable capacitor having a capacitance value which varies in response to external force applied thereto through the rod. The variable capacitor includes a dielectric member having a first face portion and a second face portion opposite from the first face portion, a terminal member configured to engage with the first face portion of the dielectric member, an electrode section disposed in an opposing relationship to the second face portion of the dielectric member and including a conductive member having a contact area with the second face portion that varies in response to the external force, and an elastic member configured to bias the conductive member in a direction in which the conductive member is spaced away from the second face portion.

No. of Pages : 145 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2010

(21) Application No.2397/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ELECTRONIC DEVICE, CONTROL METHOD THEREOF AND RECORDING MEDIUM

(51) International classification	:G02B	(71) Name of Applicant :
(31) Priority Document No	:2009-238268	1)SEIKO EPSON CORPORATION Address of Applicant :4-1, NISHISHINJUKU 2 - CHOME, SHINJUKU-KU, TOKYO 163 - 0811, JAPAN
(32) Priority Date	:15/10/2009	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)MIYASAKA, MASAYO
(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 :

An electronic device is connectable to an external device. An interface substrate is detachably connected to a main substrate. A first interface is installed on the interface substrate, and the first interface which is connectable to the external device. A second interface is installed on the main substrate, and the second interface which is connectable to the external device. A selection unit selects one interface of the first interface on the interface substrate and the second interface on the main substrate. A communication unit communicates information with the external device through the interface selected by the selection unit. The selection unit selects an interface which is pre-designated or preferentially selects an interface which first receives a signal from the external device, between the first interface and the second interface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.531/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A PROCESS FOR THE MANUFACTURE OF PINE NEEDLE-ISOCYANATE PREPOLYMER COMPOSITE BOARDS/PANELS AND PRODUCTS THEREOF

(51) International classification	:C08G18/00;	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, 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)BRAJESHWAR SINGH
(87) International Publication No	:NA	2)MANORAMA GUPTA
(61) Patent of Addition to Application Number	:NA	3)MONIKA CHAUHAN
Filing Date	:NA	4)NASEEBA KHATOON
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the present invention, there is disclosed a process for the preparation of pine needle -isocyanate prepolymer composite boards/panels and products made therefrom, wherein pine needles are processed by alkali and / or under combined action of alkali - steam digestion followed by washing, drying, hammer milling and sieving to obtain 1-3 mm size, Mixing of isocyanate prepolymer based adhesives and pine needle furnish in a rotary drum blender to obtain resin coated needle furnishes. The mix so obtained is then placed on the caul plate in a form of loose mat and transferred to a single daylight press under application of heat and pressure. After pressing step, composite boards cooled, conditioned, trimmed and surface finished. The salient features of composite boards are: smooth, good strength, dimensionally stable, adequate screw and nailing ability, good thermal and sound insulation. They can be easily cut and sawn like other wood products.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2010

(21) Application No.544/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : INGRESS-NOISE BLOCK.

(51) International classification	:H04N7/24;	(71) Name of Applicant :
(31) Priority Document No	:NA	1)LANTEK ELECTRONIC INC.
(32) Priority Date	:NA	Address of Applicant :NO.9 LANE 369 SEC. 3, DATONG
(33) Name of priority country	:NA	RD., XIZHI CITY TAIPEI COUNTY 221 TAIWAN R.O.C.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHAN-JUILU
(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 ingress noise blocker, having; a first connector; a first filter; a coupler; a log amplifier; a comparator; a switch controller; a first switch; and a voltage regulator, to prevent and thereby inhibit upstream ingress noise from entering a coaxial cable of a cable TV system.

No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2010

(21) Application No.520/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : NEW INSECT REPELLENTS

(51) International classification

:C07C255/45;

(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)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

Address of Applicant :DRDO, MINISTRY OF DEFENCE,
ROOM NO. 348, B-WING, DRDO BAHAVAN, RAJAJI MARG,
NEW DELHI-110011 India

(72)Name of Inventor :

1)GAUTAM, ANSHOO

2)GARUD, AKANKSHA

3)GANESAN, KUMARAN

4)KUMAR, PRAVIN

5)PRAKASH, SHRI

6)PARASHAR, BRAHMA DUTT

7)VIJAYARAGHAVAN, RAJAGOPALAN

(57) Abstract :

The invention comprises 2-phenylacetamide compounds of General Formula I having insect repellent properties which are effective and easy to prepare. These compounds can be used as an active ingredient to make any insect repellent formulations such as creams, sprays or any other forms and thus can be used safely for personal protection.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2010

(21) Application No.524/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ELECTRICALLY EXTENDABLE SCOOTER

(51) International classification	:B62D61/02;	(71) Name of Applicant :
(31) Priority Document No	:NA	1)YUEH TAO LEE
(32) Priority Date	:NA	Address of Applicant :NO. 1, LANE 14, RIQUAN ST.,
(33) Name of priority country	:NA	SANMIN DIST., KAOHSIUNG CITY 807, TAIWAN R.O.C.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)YUEH TAO LEE
(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 extendable scooter includes an openable/closable and extendable tread board under which two slide rails that are substantially parallel to each other and form teeth thereon are arranged. The two slide rails having front ends that are connected by a cross bar and rear ends that are movably inserted into a frame. The frame contains therein a transmission mechanism, which includes gears mating the teeth of the slide rails, whereby after the transmission mechanism is activated, the two parallel slide rails are caused to move frontwards and rearwards to realize extension and retraction of the length of the scooter.

No. of Pages : 23 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.530/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : GASTRORETENTIVE, EXTENDED RELEASE COMPOSITION OF THERAPEUTIC AGENT

(51) International classification :A61K31/525;
(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-110 001, INDIA
(72)**Name of Inventor :**
1)RAMESH MUTHUSAMY
2)MOHAN GOPALKRISHNA KULKARNI

(57) Abstract :

The present invention discloses a gastroretentive, extended release composition which floats and swells at acidic pH prevalent in the stomach. The composition comprises a pH dependent graft copolymer, a gellable polymer, a therapeutic agent, a gas generating system and pharmaceutically acceptable ingredients. The disclosed composition is useful to deliver the therapeutic agent with in the stomach for an extended period of time.

No. of Pages : 40 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.534/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A FAST CURING BIODEGRADABLE POLYMERIC HYDROGEL COMPOSITION

(51) International classification	:B01D15/36;
(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-110 001, INDIA

(72)Name of Inventor :

1)HEMANT RAVINDRAN NAIR

2)MOHAN GOPALKRISHNA KULKARNI

(57) Abstract :

A fast curing biodegradable polymeric hydrogel composition comprising a segment A and segment B forming a (3-aminoester linkage such that the linkage is formed rapidly at temperatures close to human body temperatures wherein segment A is water soluble polymer containing acrylate functionality and segment B is a water soluble multifunctional amine functionality useful for medical applications such as such as drug delivery, tissue engineering, and biomaterials and method of preparation thereof.

No. of Pages : 30 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2010

(21) Application No.549/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SOLID BIOMASS FIRED STOVE

(51) International classification	:C10G1/08;
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RAMESH KUMAR NIBHORIA

Address of Applicant :HOUSE NO.1932-F SECTOR-7-C
CHANDIGARH-160019 U.T.INDIA

(72)Name of Inventor :

1)RAMESH KUMAR NIBHORA

(57) Abstract :

This stove is meant to gasify and combust biomass briquettes/pellet/wood and further combust the charcoal thus only ash remains and can be collected without lifting the cooking utensil. The stove is meant for thermal energy application for various usages like cooking food, making sweets, making namkeen, generating steam for thermal use or generating electricity. It will be used for economical replacement of fossil fuel like coal, coke, LPG, Diesel and natural fuels like charcoal and wood etc. The biomass is combusted in to double jacketed combustion chamber (made of stainless steel , mild steel and or lined with fire cement and having numbers of holes to provide secondary and primary air this to attain. maximum retention time and combustion of volatiles and char of biomass. The ash is taken out without the disturbance in cooking. Fuel is also fed in the same way means without lifting the cooking utensil fuel is fed through fuel fed gate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.532/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PROCESS FOR THE PURIFICATION OF L-LACTIDE

(51) International classification	:C08F4/60;	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, 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)IDAGE BHAIRAVNATH BHASKAR
(87) International Publication No	:NA	2)IDAGE BHASKAR SUSHEELA
(61) Patent of Addition to Application Number	:NA	3)SWAMINATHAN SIVARAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the purification of lactide to obtain lactide of 100% optical purity and acid impurities less than 10 meq/kg.

No. of Pages : 22 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.533/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : GRAFT COPOLYMER WITH PH DEPENDENT BEHAVIOUR

(51) International classification	:B01D15/36;
(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-110 001, INDIA

(72)Name of Inventor :

1)RAMESH MUTHUSAMY

2)MOHAN GOPALKRISHNA KULKARNI

(57) Abstract :

A graft copolymer (P) with pH dependent behavior of formula 1 Formula 1 comprises: (i) a backbone having the formula P [A(x) B(y) C(z)] wherein (A) is diol, (B) is dicarboxylic acid or acid anhydride and (C) is monomer containing pendent unsaturation such that (x) = 41-45 %, (y) = 49-53 % (z) = 4-7 % by mole; and (ii) a graft which is a polymer of the basic monomer (D) which comprises w weight percent of the total weight of said graft copolymer such that w is 22-50 %. The graft copolymers do not swell / dissolve at neutral and basic pH and swell / dissolve at acidic pH. The polymers are useful as protective coating for pharmaceutical dosage forms and as excipient in the development of extended release drug delivery systems.

No. of Pages : 36 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.537/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : CONDUCTING POLYMER PAINTS AND COATING COMPOSITION FOR THE CORROSION PROTECTION OF IRON

(51) International classification	:B01D15/36;	(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-110 001, INDIA
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)DHAWAN SUNDEEP KUMAR
Filing Date	:NA	2)SADAGOPAN SATHIYANARAYANAN
(87) International Publication No	:NA	3)SULTHAN SYED AZIM
(61) Patent of Addition to Application Number	:NA	4)SAINI PARVEEN
Filing Date	:NA	5)S RAHDAKRISHNAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the preparation of conducting polymer acrylic resin which can be used by applying to the surface of steel a coating of acrylic paint containing conducting polymer as pigments alongwith other constituents. The invention relates to synthesis of copolymer of aniline and substituted aniline comprising of sec. butyl aniline, o-phenetidine, o-ethyl aniline and o-toluidine. The copolymer of aniline and substituted aniline are synthesized in the presence of acid free environment and are embedded on fillers titanium oxide and are mixed with resin in appropriate ratio. In the present case a coating of copolymer mixed with other materials acrylic resin which is applied on the surface for the corrosion protection of iron and mild steel against hostile environment like saline water comprising NaCl, MgCl₂, BaCl₂ and so on.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2010

(21) Application No.551/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : LIGNO CELLULOSIC ORGANIC WASTE AS A SOURCE OF RAW MATERIAL FOR HANDMADE PAPER MAKING

(51) International classification

:C07D7/04;

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: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)KUMARAPPA NATIONAL HANDMADE PAPER INSTITUTE

Address of Applicant :RAMSINGHPURA, SIKARPURA ROAD SANGANER JAIPUR-302029 Rajasthan India

(72)Name of Inventor :

1)JAIN, RAKESH, KUMAR
2)SHARMA,ASHWINI,KUMAR
3)KUMAR ATUL
4)KHAN, MOHD, ESA
5)AGARWAL, SAAKSHY
6)CHAUHAN, SUNITA

(57) Abstract :

The present invention relates to utilization of ligno cellulosic organic material to provide a cost effective process for preparation of ligno-cellulosic raw material for manufacturing of handmade products while addressing the problem of solid waste disposal and issue related to global warming in right perspective. The process comprises treatment of ligno-cellulosic waste with an enzyme followed by a chemical treatment with an alkali and a sulfite. The digested pulp after chemical treatment is defibrillated and refined to produce treated pulp. The process is economic and eco-friendly.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/03/2010

(21) Application No.561/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : BACTERIAL CONSORTIA FOR LOW-DENSITY POLYETHYLENE BIODEGRADATION

(51) International classification	:C08B36/10	(71) Name of Applicant : 1)DEPARTMENT OF BIOTECHNOLOGY (DBT) Address of Applicant :BLOCK-2, 7TH FLOOR, CGO COMPLEX, LODHI ROAD, NEW DELHI-110003. India
(31) Priority Document No	:NA	2)G.B. PANT UNIVERSITY
(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)REETA GOEL
(61) Patent of Addition to Application Number	:NA	2)ANIL KAPRI
Filing Date	:NA	3)M.G.H. ZAIDI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an indigenous consortium for low-density polyethylene biodegradation developed by selective adaptability and enrichment under in-situ conditions consisting of *Pseudomonas aeruginosa* strain PS1, *P. putida* strain PW1 and *P. aeruginosa* strain C1 mixed at equal proportions of the order of 2.0 X10⁷ colony forming units and added in to minimal broth Davis w/o dextrose and the process for preparation thereof comprising, isolating, purifying, characterizing and conserving individual bacteria in five steps, developing consortium in four different steps.

No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/03/2010

(21) Application No.564/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : VEHICLE PROVIDED WITH REVOLVING TURRET

(51) International classification	:B23Q5/34;
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :	1)OTO MELARA S.P.A
	Address of Applicant :VIA VALDILOCCHI, 15-19136 LA
	SPEZIA, ITALY
(72)Name of Inventor :	1)ANDREA ADORNI
	2)ANDREA CHIAPPINI

(57) Abstract :

Vehicle provided with revolving turret comprising an armor-plated cockpit (2), a system for the motion of the central revolving turret (4) upon which a main armament (5) can be mounted. This turret is connected to the armor-plated cockpit of the vehicle by means of a circumferential fifth-wheel (8) which allows the revolving of the turret around a substantially vertical axis which passes through the center of this fifth-wheel. The basis (9) of this turret presents a hatch (10) for the communication between the interior of the turret and the interior of the cockpit (2) of the vehicle.

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2010

(21) Application No.570/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A DEVICE FOR CUTTING SPHERICAL SHAPED FRUITS AND/OR VEGETABLES INTO MULTIPLE NUMBER OF PIECES

(51) International classification	:B26D 1/00	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, 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)BHARATH, GR. II(3), FE 2)C. NARAYANA, GR. II (4), FE 3)(LATE) D. PREMKUMAR, GR.II(3)M FE 4)N. PRAKASH, TO, FE 5)A. CHAKKARAVARTHI, TO, FE
(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 device for cutting spherical shaped fruits and/or vegetables into multiple number of pieces, which comprises of a support structure, support levers, springs, and controllers of moving mechanisms to perform two plane cutting includes horizontal slitting and vertical cutting in single stroke for eight uniform pieces. The horizontal slitting knife cut the lemon in horizontal plane to make two halves. Holder cum locator is designed such a way that it can orient and locate the axis of any size of lemon in line with the axis of vertical four lobe cutter so as to facilitate vertical cutting. Holder cum locator also performs clamping operation during slitting and cutting process. Horizontal slitting knife after doing horizontal slitting operation retrenches back to its original position by a tension spring which gets pre loaded during slitting operation by half stroke of the cutting process. After horizontal slitting, a vertical four lobe cutter moves down and makes four lobes then the cutter retrenches back to its original loading position by a compression spring. The compression spring gets preloaded during cutting operation. Pull of a lever opens half of the holder cum locator to discharge cut pieces to a tray and retrenches back to original position by the spring force. This device gives eight uniform traditional pieces of lemon representing all regions of fruit uniformly suitable for pickle making.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2010

(21) Application No.572/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : MULTIFUNCTIONAL CALCIUM CARBONATE MICROSTRUCTURES USEFUL IN ENCAPSULATION APPLICATIONS AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:C01F 11/00	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, 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)ROHIT KUMAR RANA 2)GOUSIA BEGUM
(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 facile method to synthesize stable calcium carbonate microstructures is demonstrated which allows in situ encapsulation of sensitive molecules like drugs. The methodology involves a macromolecular assembly of anionic polypeptide with cationic peptide oligomer to concurrently template and hold to stabilize the mineralized structure. The heterogeneously distributed mixture of anionic and cationic residues in the macromolecular assembly, similar to that is found in natural systems assists in recognizing and coassembling Ca²⁺ and CO₃²⁻ ionic clusters, especially for formation of a disordered precursor phase such as amorphous calcium carbonate (ACC) and further crystallization to form a metastable vaterite phase. The assembly also facilitates encapsulation of a guest molecule such as tetracycline at ambient conditions without affecting the mineralization process. The tetracycline-loaded microstructures show excellent antibacterial activities against many Gram-positive and Gram-negative bacterial strains and hence together with the fluorescence property of tetracycline and appropriate drug release profile, they can be used as multifunctional materials for therapeutic and imaging applications.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2010

(21) Application No.569/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : DESIGN AND DEVELOPMENT OF A CONTINUOUS COUNTERCURRENT TYPE FOAM MAT DRYER

(51) International classification

:A61B

(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-110 001, INDIA

(72)Name of Inventor :

**1)RAMASAMY KAILAPPAN
2)PERUMAL RAJKUMAR
3)SUGUMAR ANANADAKUMAR**

(57) Abstract :

The present invention relates to the development of a continuous countercurrent type foam mat dryer. The foam mat dryer consists of a foaming unit, a foam conveying chute, a foam thickness regulator, a foam carrier in the form of an endless teflon belt operating between rollers, heating and drying chambers, a doctor blade, a blower, a synchronous fraction horse power motor with speed reduction gear train and a control panel mounted suitably over a metal frame. The foam mat dryer can be used for drying medicinal plants such as vallarai green. Leaves of vallarai green with petioles of 2 cm length is washed in water followed by blanching at 70°C for 3 min, ground in a wet grinder, foamed after the addition soy protein 1 % as foaming agent and methyl cellulose 0.5% as foam stabilizing agent, dried as 2mm thick mat at 70°C in the designed foam mat dryer, which retained all most all quality traits to their maximum values.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2010

(21) Application No.574/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ANTIMYCOBACTERIAL ACTIVITY OF PROPARGYLATED 1,2,4- TRIAZOLETHIOLS AND THE CORRESPONDING 1,2,3-TRIAZOLE DERIVATIVES

(51) International classification	:C07D 249/00	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, 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)DHIMAN SARKAR 2)SUNITA RANJAN DESHPANDE 3)SHAILAJA PRAMOD MAYBHATE 4)ANJALI PRABHAKAR LIKHITE 5)SAMPA SARKAR 6)ARSHAD KHAN 7)PREETI MADHUKAR CHAUDHARY 8)SAYALEE RAMCHANDRA CHAVAN
(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 :

Invention provides antitubercular compounds selected from propargylated 1,2,3 triazoles of Formula wherein, X is sulfur(S) or a sulphone , n, m represent independently an integer 0 or 1, with the provision that when 'n' is 1, 'm' is 1; R1 is hydrogen; C1-C6 linear or branched alkyl group optionally substituted with aryl group; halogen; or aryl group optionally substituted with -OCH3, halogen, and nitro; R2 and R3 are selected from the group consisting of hydrogen, C1-C6 alkyl optionally substituted with heterocyclic ring of 5 to 6 ring atoms containing one to three hetero atoms selected from oxygen, sulfur, nitrogen, which may be substituted with alkyl, arylalkyl, linear or branched alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, allyl or propargyl groups consisting of 1 to 6 carbon atoms; Z is C1-C6 alkyl optionally substituted with heterocyclic ring of 1 to 6 ring atoms, containing one to three hetero atoms selected from oxygen, sulfur, nitrogen, which may be substituted with arylalkyl, linear or branched alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, allyl or propargyl groups consisting of 1 to 6 carbon atoms;; with the provision that when 'm' is 1, and 'n' is zero; R1 is selected from the group consisting of hydrogen, halogen; C1-C6 linear or branched alkyl group optionally substituted with aryl group or aryl group optionally substituted with -OCH3, halogen, and nitro, R2 and R3 are selected from the group consisting of hydrogen, C1-C6 alkyl optionally substituted with heterocyclic ring of 5 to 6 ring atoms containing one to three hetero atoms selected from oxygen, sulfur, nitrogen, which may be substituted with alkyl, arylalkyl, linear or branched alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, or allyl or propargyl groups consisting of 1 to 6 carbon atoms; Z is selected from the group consisting of halogen, C1-C6 linear or branched alkyl group optionally substituted with heterocyclic ring of 1 to 6 ring atoms, containing one to three hetero atoms selected from oxygen, sulfur, nitrogen, wherein the heterocyclic ring may further be substituted with halogen, alkyl, arylalkyl.

No. of Pages : 30 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2010

(21) Application No.577/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF VIOLACEIN AND ITS DERIVATIVES CONTAINING BIOACTIVE PIGMENT FROM CHROMOBACTERIUM SP. NIIST-CKK-01

(51) International classification	:A61L 27/00	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, 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)KRISHNAKUMAR BHASKARAN
(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 discloses a process for producing purple-blue natural pigment containing violacein and its derivative (deoxyviolacein) using Chromobacterium sp. NIIST-CKK-01 (MTCC 5522, NCIM 5341; Genbank Accession No. FJ982784). The method comprises the steps of maintaining and growing the bacterium in a specific medium under defined conditions of pH, temperature and agitation. At the end of incubation, pigment and biomass is separated from the culture broth, pigment is recovered from the biomass through solvent extraction and finally pigment is concentrated by drying.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2010

(21) Application No.550/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A PROCESS FOR PRODUCTION OF 1,1,1, TRIFLUOROISOPROPANOL

(51) International classification	:C12P7/04;
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: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)SRF LIMITED

Address of Applicant :BLOCK-C SECTOR 45 UNICREST
BUILDING , GURGAON Haryana India

(72)Name of Inventor :

1)KUMAR KAPIL

2)GUPTA HANUMAN

3)SHARMA SUNIL

4)ANAND RAJDEEP

5)SAXENA, RAHUL

(57) Abstract :

This invention relates to a process for production of 1,1,1-trifluoroisopropanol by reduction of 1,1,1-trifluoropropanone using alkali borohydrides in an aqueous medium. After completion of the reaction, azeotrope of water and 1,1,1-trifluoroisopropanol is obtained. Anhydrous 1,1,1-trifluoroisopropanol can be obtained by azeotropic distillation using n-pentane as entrainer. The process is operable at easily manageable temperature, pressure and without applying special additives, extreme conditions and costly reagents for the preparation of 1,1,1-trifluoroisopropanol in high yields and high purity.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2010

(21) Application No.568/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A METHOD AND A SYSTEM BASED ON VOLTAMMETRY FOR CHARACTERIZATION AND DISCRIMINATION OF LIQUIDS

(51) International classification	:G01N
(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL
RESEARCH**

Address of Applicant :ANUSANDHAN BHAWAN, RAFI
MARG, NEW DELHI-110 001, INDIA

(72)**Name of Inventor :**

**1)PANCHARIYA POONAM CHAND
2)ANGA HEPSIBA KIRANMAYEE
3)SRINIVASAN RAGHUNATH**

(57) Abstract :

The present invention provides a systems based on voltammetry for characterization and discrimination of liquid and method thereof comprising an electrochemical cell containing a liquid sample, a sensor probe having plurality of working electrodes, a reference electrode and a counter electrode being connected to a potentiostat, an excitation signal generator unit for generating low potential pulse sequences to be applied on the said working electrodes by means of the said potentiostat, a current acquisition unit for acquiring the current response data being connected to the said potentiostat, a microcontroller unit being arranged to control the said excitation signal generation unit and the said current acquisition unit; wherein a PC being interfaced to the said microcontroller for storing and analyzing the said current response data using multivariate data analysis technique and to output the result from the analysis to characterize and discriminate the liquid sample. The system is free from any kind of electrode switching and method based on the system measuring the combined current response flowing through plurality of the working electrodes to discriminate the liquid samples.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2010

(21) Application No.571/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : NOVEL SURFACE-MODIFICATION PROCESSES FOR FLYASH AND INDUSTRIAL APPLICATIONS THEREOF

(51) International classification	:B09B3/00	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, 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. SHUKLA SATYAJIT VISHNU 2)DR. WARRIER KRISHNA GOPAKUMAR 3)MR. KIZHAKKEKILIKOODAYIL BAIJU VIJAYAN 4)MS. THACHAN SHIJITHA
(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 process for the surface-modification OF FLY ASH AND industrial applications thereof have been described in this invention, which involve the new surface-sensitization, the new surface-activation, and the subsequent Cu- or Ag-coating of the as-received flyash particles in the conventional electroless bath. These new surface-modification processes offer efficient and cost-effective alternatives for the conventional processes which modify the surface of flyash particles with the costlier Sn-Pd catalyst-system. The flyash processed with the new surface-modification processes is also suitable for more number of industrial applications relative to that processed with the costlier Sn-Pd catalyst-system. The as-received flyash particles, which are processed via new surface-modified processes, find the industrial applications such as the conductive filler for manufacturing the conducting polymers, paints, adhesives, sealers, and resins used for the EMI shielding of the electronic devices, and in the lead-based composites used in the automobile industries.

No. of Pages : 37 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2010

(21) Application No.578/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A PROCESS FOR THE REMOVAL OF ARSENIC AND CHROMIUM FROM WATER

(51) International classification	:C02F 1/00	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, 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)SINGH NAHAR 2)RASHMI 3)SINGH SUKHWIR 4)SONI DAYA 5)PASHRICHA RENU 6)GUPTA PRABHAT KUMAR
(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 low cost and highly effective method for the removal of arsenic and chromium from contaminated water using zinc peroxide nanoparticles (20±5nm) capped with glycerol/PVP/TEA upto the permissible range of drinking water. As Arsenic and chromium occurs naturally in the earths crust. When rocks, minerals, and soil erode, they release arsenic and chromium into groundwater. Arsenic and chromium occurs naturally in varying amounts in groundwater in various parts of country from ppb level to ppm level. The average concentration of arsenic and chromium as per USEPA standard in drinking water it is 13 parts per billion and 0.1 ppm (100 ppb) respectively. In drinking water the level of chromium is usually low as well, but contaminated water may contain the dangerous Chromium(III) & chromium(VI). Although Chromium(III) is an essential nutrient for humans and shortages may cause heart problems, disruptions of metabolism and diabetes. But the uptake of too much chromium(III) can cause health effects as well, for instance skin rashes. Chromium(VI) is known to cause various health effects Skin rashes, upset stomachs, respiratory problems, weakened immune systems, kidney and liver damage and lung cancer. The persons who are drinking water having upto 50 ppb of arsenic and 0.1 ppm chromium over for many years could experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer. Keeping the above facts we developed a cost effective nanoparticles for the removal of Arsenic and chromium from potable water upto potable range.

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2010

(21) Application No.518/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PROCESS FOR THE PREPARATION OF MOXIFLOXACIN HYDROCHLORIDE

(51) International classification	:C07D471/04;	(71) Name of Applicant :
(31) Priority Document No	:NA	1)IND-SWIFT LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :S.C.O. NO. 850, SHIVALIK
(33) Name of priority country	:NA	ENCLAVE, NAC MANIMAJRA, CHANDIGARH-160 101
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)SINGH GAJENDRA
(61) Patent of Addition to Application Number	:NA	2)SINGH SATYENDRA PAL
Filing Date	:NA	3)WADHWA LALIT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved and industrially advantageous process for preparation of moxifloxacin hydrochloride of formula I.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2010

(21) Application No.581/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A DUST CAP FOR ACTUATION OF MICRO-SWITCH IN CNG VEHICLES

(51) International classification	:F23C 1/00	(71) Name of Applicant : 1)MARUTI SUZUKI INDIA LIMITED Address of Applicant :1, NELSON MANDELA ROAD, VASANT KUNJ, NEW DELHI-110070, 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 DHINGRA
(87) International Publication No	:NA	2)ABHINAV MISRA
(61) Patent of Addition to Application Number	:NA	3)SANDEEP RAINA
Filing Date	:NA	4)K.C. KATOCH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a dust cap for actuation of micro-switch wherein contact material with said micro-switch is a metal for withstanding high contact pressure and the holding area is non metallic.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2010

(21) Application No.584/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A CAMLESS ROTATING CYLINDER ENGINE

(51) International classification	:F01L 9/00
(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)COLLEGE OF ENGINEERING & MANAGEMENT
Address of Applicant :5th KM STONE, GOVINDWAL
ROAD, KAPURTHALA-144601, PUNJAB India

(72)Name of Inventor :

1)KANWAR JABBAR SINGH GILL
2)RANA PRAKASH
3)ABHINAV DUBEY

(57) Abstract :

This invention relates to a camless rotating cylindrical engine comprising of a crankshaft connected with a pinion and dead weight at one end wherein said shaft is connected to a head accommodating a sleeve/rotating cylinder attached to a bevel gear at lower end.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2010

(21) Application No.575/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PROCESS FOR THE PREPARATION OF SHIKIMIC ACID USEFUL FOR PRODUCTION OF AVIAN FLU DRUG TAMIFLU (OSELTAMIVIR)

(51) International classification	:C07C 51/00	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, 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)BORDOLOI MANOBJYOTI 2)BORAH JAYANTA 3)ROY DIPAK KUMAR 4)DUTTA SUBHASH CHANDRA 5)BARUAH NABIN CHANDRA 6)RAO PARUCHURI GANGADHAR
(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 is directed to the production of shikimic acid from *Ulicium griffithii* fruits. The method according to the invention is particularly applicable to the isolation of shikimic acid from *Illicium griffithii* fruits (seeds and pericarps). Yield is 12-18% w/w. Shikimic acid is useful as raw material for the production of oseltamivir (Tamiflu) used against Avian Flu. It is also reported that its triacyl derivatives can inhibit blood platelet assembling and Thrombosis by affecting the metabolism of Arachidonic acid. Hitherto known commercial methods of production of shikimic acid from the fruits of star anise (*Ulicium verum*) and sweet gum (*Liquidambar styraciflua*) gives only 3-7% and 1.5% respectively. The price of shikimic acid in the international market varies from US\$ 45.00 to 1000.00 per Kg depending on demand. Further as per report published at the website www.livemint.com. China Government has imposed restriction on export of shikimic acid.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2010

(21) Application No.579/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PREPARATION OF INORGANIC HYDROGELS WITH ALKALI HALIDES

(51) International classification	:C07K 14/00	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, 2, RAFI MARG, NEW DELHI-110 001 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)AEET SINGH 2)BISHWAJIT GANGULY
(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 novel inorganic hydrogels with alkali halides such as common salt (NaCl) and methods of making such hydrogels. The present invention provides hydrogels that may be formed by the self-assembly or may be brought about by a change in one or more characteristics of the solution. Characteristics of the solution that may be change including pH, temperature, and concentration of one or more specific ion. This invention further discloses the use of only inorganic components towards the formation of inorganic hydrogels. In prior arts, at least one organic component was required towards the formation of inorganic hydrogels. Further, the preparation of such inorganic hydrogels does not require any drastic conditions. The novelty of this invention is that the prepared inorganic hydrogel leads towards crystallinity with time, which can as well be useful for many applications.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2010

(21) Application No.582/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A DUST CAP FOR CNG FILLER VALVE INSIDE THE ENGINE ROOM

(51) International classification	:F23C 1/00
(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)MARUTI SUZUKI INDIA LIMITED

Address of Applicant :1, NELSON MANDELA ROAD,
VASANT KUNJ, NEW DELHI-110070, INDIA.

(72)Name of Inventor :

1)CHANDAN DHINGRA

2)ABHINAV MISRA

3)SANDEEP RAINA

4)K.C. KATOCH

(57) Abstract :

This invention relates to a dust cap for CNG filler valve inside the engine room wherein contact material with said micro-switch is a metal for withstanding high contact pressure and the holding area is non metallic in which said dust cap is provided with a tether.

No. of Pages : 14 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2010

(21) Application No.585/DEL/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A PROCES FOR PREPARATION 2,2,2-TRIFLUOROETHYL AMINE

(51) International classification

:C07D

401/00

(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)SRF LIMITED

Address of Applicant :BLOCK-C, SECTOR 45, UNICREST
BUILDING, GURGAON, HARYANA (INDIA)

(72)Name of Inventor :

1)DHINGRA, SURENDER

2)DURGA, PARUL

3)SAXENA, RAHUL

4)ANAND, RAJDEEP

(57) Abstract :

Present invention discloses a process in which ammonolysis of 2,2,2-trifluoroethyl chloride (R-133a), is performed in presence of tetrabutyl ammonium bromide (TBAB). The process has improved yield and conversion as compared to process of prior art. The product is formed in high yield and without the need for costly high pressure equipment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/09/2009

(21) Application No.2203/MUM/2009 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ADVANCE I. C. ENGINE

(51) International classification	:F02B1/00,F02B13/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MUKESH KUMAR VIDYARTHI

Address of Applicant :PLOT NO -110 GAYATRI NAGAR,
NAGPUR Maharashtra India

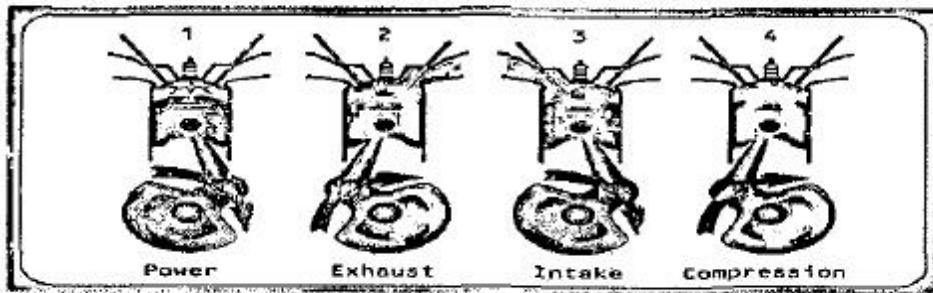
(72)Name of Inventor :

1)MUKESH KUMAR VIDYARTHI

(57) Abstract :

Let - $p=50\%$ distance travel = Y $q=90\%$ increased distanced total increased distance= $(Y+\lambda)$ kinetic energy= μ in an I.C engine (Four stroke) only $p\%$ fuel is ignited in the combustion chamber. Assuming that $p\%$ of fuel have 100,000 molecules and each molecules have a kinetic energy say μ Then only $(pX\mu)$ molecules kinetic energy is utilized in the combustion chamber. These whole molecules will give us whole energy to the piston ,whichintum result in rotational moment of the piston or crank, and subsequently in the moment of the vehicle distance say (Y) Suppose if any procedure (q%) of the molecule are involved, then instead of $(p\%)$, $(P\%)$ of the molecule will give us kinetic energy to the piston ,in the combustion chamber, and because of this kinetic energy piston or crank will roataate at higher RPM and thus because of this the vechile will get additional kinetic energy corresponding to $(q\%)$ of the molecule and vehicle will move $(Y+\lambda)$ distance instead of(Y) distance.

Four Strokes of an Engine



No. of Pages : 24 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2009

(21) Application No.1782/MUM/2009 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SYSTEM AND TOOLS FOR AID IN MARKETING

(51) International classification	:G06Q30/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TATA CONSULTANCY SERVICES LIMITED

Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
NARIMAN POINT, MUMBAI 400 021, MAHARASHTRA,
INDIA.

(72)Name of Inventor :

1)SHARMA ANIL

2)GANDHI SACHIN

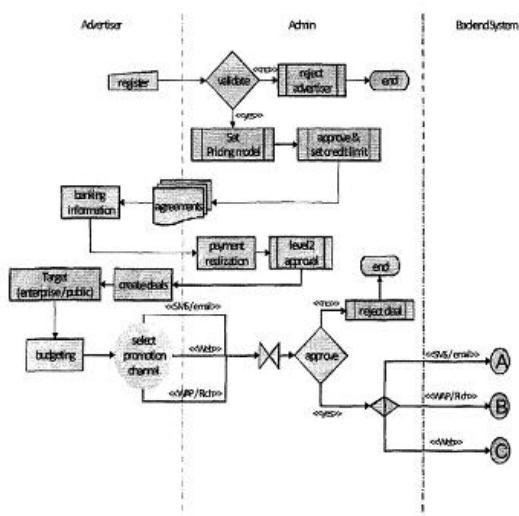
3)BAGAD ROHIT

4)JAMBHALE SANJAY

5)DESAI ROHAN

(57) Abstract :

According to this invention, a tool is provided that serves as a promotional marketing platform adapted to be used by corporate bodies, advertisers and web/mobile users. The tool has means adapted to allow a corporate body to execute its employee welfare programs by allowing advertisers to create special offers for corporate employees. Corporate bodies can implement employee loyalty points that can be used to redeem a deal. The tool in accordance with this invention has means which are adapted to be hosted on the Internet so as to let web users register for receiving this deal. Typically, the beneficiaries of the tool in accordance with this invention includes Advertisers (retailers, manufacturers, etc.) who, by virtue of the mechanism and methodology of this tool, get access to cost effective, multi-channel, self serve, end-to-end platform which connects with TG. The tool includes a deals platform which is enabled for advertisers to reach out to their desired target group especially from the corporate and institutional audience with minimal efforts. It streamlines advertisers processes of campaign and deal creation, targeting of corporate audience, redemption of deals and monitoring the effectiveness and returns on their promotional campaign. It provides an integrated multichannel means of engaging with the end users thereby leveraging the power of the new marketing platforms of mobile and web. This helps in improving the conversion rate as compared to those of the traditional marketing platform like print. Typically, using the deals platform, advertisers can perform the following tasks.



No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/09/2008

(21) Application No.1946/MUM/2008 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARING VALUE ADDED TEXTILE FIBERS

(51) International classification	:D01F1/00	(71) Name of Applicant : 1)ADITYA BIRLA SCIENCE & TECHNOLOGY CO. LTD, Address of Applicant :ADITYA BIRLA CENTRE, 2ND FLOOR, C WING, S.K. AHIRE MARG, WORLI, MUMBAI, 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	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)LODHA PREETI
Filing Date	:NA	2)KAPOOR BIR
(62) Divisional to Application Number	:NA	3)MAHAJAN TUSHAR
Filing Date	:NA	

(57) Abstract :

Present invention relates to an improved process for preparing value added textile fibers. According to the present invention, there is provided a process of incorporating property modifying constituents to the fibers wherein the loss of the property modifying constituent is prevented due to various post-treatments carried out like alkali treatment, bleaching, dyeing during the fiber formation or during the processing of fiber to convert it into final desired form. The process of incorporating property modifying constituents in accordance with this invention also ensures the retention of the value added property of the fiber or fabric over an extended period of time. In accordance with the present invention, the process of incorporating property modifying constituent into the fibers comprises treating the polymer dope with micro-emulsion solution containing chemically inert compound such as paraffin wax with melting point in the range of 10 to 110 C to obtain fiber with micro-reservoirs of paraffin wax. These micro-reservoirs are either empty or partially dispersed with the property modifying constituent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2009

(21) Application No.2714/MUM/2009 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : AN ANTI-COUNTERFEIT PRINTED ALUMINIUM LIDDING FOIL

(51) International classification	:B65D81/00	(71) Name of Applicant : 1)BILCARE LIMITED Address of Applicant :601, ICC TRADE TOWER, PUNE-411 106, 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)DR. NAIR AJITH S.
(87) International Publication No	:N/A	2)DR. NAIK PRAFUL
(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 packaging material comprising a plurality of layers, said material having discernible indicia for authentication characterized by the presence of at least one predetermined anti-counterfeit feature at, at least one predetermined location in at least one predetermined visible layer. Also, provided in accordance with the present invention is a process for manufacturing said packaging material.

No. of Pages : 86 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2009

(21) Application No.2136/CHENP/2009 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : MULTIPLE REACTOR, VAPOR PHASE CATALYTIC OXIDATION METHOD USING MULTPIPE REACTOR, AND START-UP METHOD APPLIED TO MULTPIPE REACTOR

(51) International classification	:B01J8/06
(31) Priority Document No	:2002-4636
(32) Priority Date	:11/01/2002
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP03/00160 :10/01/2003
(87) International Publication No	:WO/2003/059857
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filed on	:1761/CHENP/2004 :10/01/2003

(71)Name of Applicant :

1)MITSUBISHI CHEMICAL CORPORATION

Address of Applicant :33-8, SHIBA 5-CHOME, MINATO-KU, TOKYO 108-0014 Japan

(72)Name of Inventor :

1)YADA, SHUHEI

2)GORIKI, MASAYASU

3)HOSAKA, HIROCHIKA

4)JINNO, KIMIKATSU

5)SUZUKI, YOSHIRO

6)OGAWA, UASUSHI

(57) Abstract :

A vapor phase catalytic oxidation method comprising: using a fixed bed raultube heat-exchanger type reactor having a plurality of reaction tubes and battles connected to the reaction tubes through connecting sites for changing a flow path of a heat medium flowing outside the reaction tubes; circulating the heat medium through the outside of the reaction tubes; feeding a reaction raw material gas inside the reaction tubes packed with a catalyst to obtain a reaction product gas, wherein the method comprises setting catalyst packing specifications in the reaction tubes so that catalyst layer peak temperature sites of the reaction tubes are not located at the connecting sites between the baffles and the reaction tubes.

No. of Pages : 115 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/09/2009

(21) Application No.5251/CHENP/2009 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD FOR SIGNALING BACK-OFF INFORMATION IN RANDOM ACCESS

(51) International classification	:H04W74/08	(71) Name of Applicant :
(31) Priority Document No	:	1)LG ELECTRONICS INC
(32) Priority Date	: -	Address of Applicant :20, YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor :
(86) International Application No	:PCT/KR09/000456	1)LEE, YOUNG DAE
Filing Date	:30/01/2009	2)PARK, SUNG JUN
(87) International Publication No	:WO 2009/096731A2	3)YI, SEUNG JUNE
(61) Patent of Addition to Application Number	:NA	4)CHUN, SUNG DUCK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for performing random access in a wireless communication system is provided. The method includes transmitting a preamble for random access in uplink, receiving a random access response message including back-off information as a response to the preamble, and performing back-off using the back-off information when the random access has failed.

No. of Pages : 58 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2010

(21) Application No.588/CHE/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SELECTIVE CATALYTIC REDUCTION CONTROL UNIT

(51) International classification	:F01N 3/10 ; F01N 3/20 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71) Name of Applicant : 1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED Address of Applicant :123, INDUSTRIAL LAYOUT, HOUSR ROAD, KORMANGALA, BANGALORE-560 095 Karnataka India 2)ROBERT BOSCH GMBH (72) Name of Inventor : 1)SURYA MUKHERJEE 2)MURALI KRISHNA SUNAPU
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(57) Abstract :

The invention relates to Selective Catalytic Reduction (SCR) system of a vehicle. In the SCR system, a reducing agent called AdBlue®, which is aqueous urea solution, is sprayed into the exhaust channel of the vehicle to reduce the harmful gases such as NOx in the exhaust. For this purpose, the AdBlue® needs to be in liquid form. When the ambient temperature is below freezing point of the AdBlue® (-11oC), engine coolant is used to heat the AdBlue® tank (10), the Supply Module (12) and pipes carrying urea (14) so as to maintain the AdBlue® in liquid form. The invention proposes a method to heat the components of the SCR system optimally by switching the direction of coolant flow depending on various operating conditions. This is achieved by using an additional valve called control valve (20) with two inputs and two outputs. The connection between input ports and output ports of the control valve (20) is controlled by an Electronic control unit (22) in such a way that two different flow directions of the coolant are possible. This results in optimum heating of the SCR system components.

No. of Pages : 16 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2010

(21) Application No.626/CHE/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : FAST MIGRATION OF VIRTUAL STORAGE PARTITION DATA ACROSS STORAGE SYSTEMS

(51) International classification	:G06F 12/00 ; G06F 13/00	(71)Name of Applicant : 1)NETWORK APPLIANCE, INC Address of Applicant :495 E. JAVA DRIVE, SUNNYVALE/CA/94089 U.S.A. (72)Name of Inventor : 1)ADITYA RAJEEV KULKARNI 2)NAGENDER SOMAVARAPU
(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 method includes reading a superblock of a read-only replica of a source virtual volume in a source virtual storage partition associated with a source aggregate of a source storage system at the destination storage system, modifying the superblock of the read-only replica in a memory of the destination storage system, and associating the modified superblock with one or more virtual volume block number(s) configured to be previously associated with the superblock of the read-only replica of the source virtual volume without initiating a destination consistency point (DCP) at the destination storage system to render the destination virtual volume writable. The method also includes modifying a disk group label to reflect an association of the destination storage disk with the writable destination virtual volume, and initiating the DCP to ensure that the modified superblock and the modified disk group label are flushed to the destination storage disk.

No. of Pages : 44 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2009

(21) Application No.2162/CHENP/2009 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A METHOD OF PREPARING UBIQUINONES

(51) International classification	:A61K 31/122
(31) Priority Document No	:60/527,513
(32) Priority Date	:05/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/40565
Filing Date	:03/12/2004
(87) International Publication No	:(WO 2005/056812)
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2443/CHENP/2006
Filed on	:03/12/2004

(71)Name of Applicant :

1)ZYMES, LLC

Address of Applicant :500 ROUTE 17 SOUTH,
HASBROUCK HEIGHTS, NJ 7604 U.S.A.

(72)Name of Inventor :

1)LIPSHUTZ, BRUCE, H;
2)BERL, VOLKER,
3)SCHEIN, KARIN,
4)WETTERICH, FRANK,

(57) Abstract :

ABSTRACT The invention provides methods of carboaluminating an alkyne substrate, forming a species with an alkyl moiety bound to aluminium, said method; comprising: (a) contacting said alkyne substrate with (L)_p+iM and x molar equivalents of water or R₂OH, or, when each L is methyl, with x molar equivalents of water, R₂OH or methylaluminoxane relative to said alkyne substrate wherein 0 < x < 1; each L is independently selected from substituted or unsubstituted alkyl, alkoxy, aryl or aryloxy with 1 to 10 carbon atoms; M is aluminium; p is 1 or 2 and, R₂P is branched or unbranched alkyl with 1 to 15 carbon atoms, optionally substituted with 1 to 5 hydroxy substituents, thus carboaluminating said alkyne substrate. The invention also provides methods of preparing a compound of the Formula selected from H, substituted or unsubstituted alkyl, substituted or unsubstituted heteroalkyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl substituted or unsubstituted heterocycloalkyl, SOR₉, S₀2R₉, C(0)R₉, C(0)OR₉, P(0)OR₉OR₁₀, P(O)N(R₉)₂(R₁₀)₂, and P(0)R₉R₁₀ wherein each A₉ and R₁₀ is a member independently selected from substituted or unsubstituted alkyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl and substituted or unsubstituted heterocycloalkyl; with a compound having the structure coupling catalyst effective at catalyzing coupling between the methylene carbon of the quinone of Formula (XXIV) and the vinylic carbon attached to M, thus preparing said compound of Formula (III).

No. of Pages : 59 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.623/CHE/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : VOICE COMMUNICATION OF DIGITS

(51) International classification	:H04L12/28
(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 :54 rue de La BoÃ¢tie 75008 PARIS
FRANCE

(72)Name of Inventor :

1)Balaji Jayakumar

2)Balasubramanian Gopalasubramanian

3)Mahalakshmi Nainar

(57) Abstract :

Voice Communication of Digits. The present invention relates to SIP networks and, more particularly, to digit collection in SIP networks. The SIP user communicates the digits to a Media Server through voice/speech. The Media Server collects the digits and checks to determine if the digits satisfy required Dual Tone Multi Frequency rules. The Media Server plays a prompt message to the SIP user to indicate start of session to collect the digits and the SIP user says character(s) to indicate that the SIP user has completed saying the digits.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/03/2010

(21) Application No.638/CHE/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : AN IMPROVISED DISPOSABLE ESR PIPETTE

(51) International classification	:B01L 3/02 ; C12M 1/34	(71)Name of Applicant : 1)MADUGIRI VISWANATHA GUPTA NATRAJ Address of Applicant :NO: 21, HOSPITAL ROAD, BANGALORE-560 053. Karnataka India 2)MADUGIRI VISWANATHA GUPTA RAVISHANKAR (72)Name of Inventor : 1)MADUGIRI VISWANATHA GUPTA NATRAJ 2)MADUGIRI VISWANATHA GUPTA RAVISHANKAR
(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 :

for the purpose of drawing blood, used for medical screening tests. Extra blood collected from human beings, which is a dead volume that results in conventional methods is overcome here. This is achieved by using a Funnel Shaped Plunger (C), made of rubber or like material, at the end of the ESR Pipette (A), the top most outer diameter of the Funnel Shaped Plunger (C) is slightly more than the inner diameter of the Test Tube (B). As the ESR Pipette (A) lead by the Plunger (C) is inserted into the Test Tube (B), the rubber plunger gets compressed and creates a suction, thereby forcing blood to flow into the pipette, at the same time ensuring no blood overflows into the portion above the rubber plunger (C), as shown in Figure (D). This eliminates any residual blood collecting at the top of the test tube.

No. of Pages : 10 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/03/2010

(21) Application No.656/CHE/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : AROMATIC BISETHER DIAMINES HAVING PENDANT DIPHENYL PHOSPHINE OXIDE AND A PROCESS FOR PREPARING THE SAME

(51) International classification	:C07F	(71) Name of Applicant :
	9/53	1)INDIAN SPACE RESEARCH ORGANISATION
(31) Priority Document No	:NA	Address of Applicant :ISRO
(32) Priority Date	:NA	HEADQUARTERS,DEPARTMENT OF SPACE, ANTARIKSH
(33) Name of priority country	:NA	BHAVAN, NEW BEL ROAD, BANGALORE 560 094.
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)NOORMAHMAD NABI MALDAR
(61) Patent of Addition to Application Number	:NA	2)MRIDUL MEDHI
Filing Date	:NA	3)SHANMUGAM PACKIRISAMY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to Aromatic bisether diamines having pendant diphenyl phosphine oxide and a process for preparing the same. More specifically, the present invention relates to a variety of new phosphorus containing aromatic diamines prepared from cashew nut shell liquid (CNSL), which is a renewable resource material. The present invention particularly relates to novel [2, 4-bis-(4-amino-3-pentadecylphenoxy) phenyl]-diphenyl phosphine oxide, [2, 4-bis-(4-amino-3-alkylphenoxy) phenyl]-diphenyl phosphine oxide,[2, 4-bis-(6-amino-3-pentadecylphenoxy) phenyl]-diphenyl phosphine oxide, [2, 4-bis-(6-amino-3-alkylphenoxy) phenyl]-diphenyl phosphine oxide; [2, 5-bis-(4-amino-3-pentadecylphenoxy) phenyl]-diphenyl phosphine oxide, [2, 5-bis-(4-amino-3-alkylphenoxy) phenyl]-diphenyl phosphine oxide, [2, 5-bis-(6-amino-3-pentadecylphenoxy) phenyl]-diphenyl phosphine oxide, [2, 5-bis-(6-amino-3-alkylphenoxy) phenyl]-diphenyl phosphine oxide and further provides a method for their preparation.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2010

(21) Application No.597/CHE/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ANHYDROUS LENALIDOMIDE FORM-I

(51) International classification	:C07D 401/04	(71) Name of Applicant : 1)NATCO PHARMA LIMITED Address of Applicant :NATCO HOUSE ROAD NO.2, BANJARA HILLS HYDERABAD-500 033 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)KONAKANCHI DURGA PRASAD
(87) International Publication No	: NA	2)GONGALLA BUCHAPPA
(61) Patent of Addition to Application Number	:NA	3)SIKHA KOTAYYA BABU
Filing Date	:NA	4)KANDASWAMY CHANDRASEKAR
(62) Divisional to Application Number	:NA	5)ADIBHATLA KALI SATYA BHUJANGA RAO
Filing Date	:NA	6)NANNAPANENI VENKAIAH CHOWDARY

(57) Abstract :

Anhydrous polymorphic form-I of anti cancer drug, Lenalidomide whose chemical name is 3-(4-amino-1-oxo-1, 3-dihydro-isoindole-2-yl)-piperidine-2, 6-dione, is disclosed. Alternate methods for making anhydrous polymorphic form-I of Lenalidomide are also disclosed.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2010

(21) Application No.665/CHE/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : TRANSGENIC SWEET SORGHUM WITH ALTERED LIGNIN COMPOSITION AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:C12N9/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)NAGARJUNA ENERGY PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :Nagarjuna Hills Punjagutta
(33) Name of priority country	:NA	Hyderabad-500082 Andhra Pradesh India
(86) International Application No Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)Asitava Basu
(61) Patent of Addition to Application Number Filing Date	:NA	2)Mrinal Kumar Maiti
(62) Divisional to Application Number Filing Date	:NA	3)Satarupa Kar
		4)Soumitra Kumar Sen
		5)Banibrata Pandey

(57) Abstract :

The present invention provides a sweet sorghum plant characterized by altered lignin content and/or altered lignin composition compared to a wild plant and this is achieved by manipulating the expression of caffeoyl-CoA-O-methyltransferase (CCoAOMT) in sweet sorghum by incorporation of a construct comprising an isolated DNA sequence represented by SEQ ID NO 1.

No. of Pages : 32 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/03/2011

(21) Application No.744/CHE/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD AND SYSTEM FOR VERIFYING THE PRECISION PERFORMANCE OF A SATELLITE NAVIGATION SYSTEM

(51) International classification	:G01C21/00
(31) Priority Document No	:10 00996
(32) Priority Date	:12/03/2010
(33) Name of priority country	:France
(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)TALES

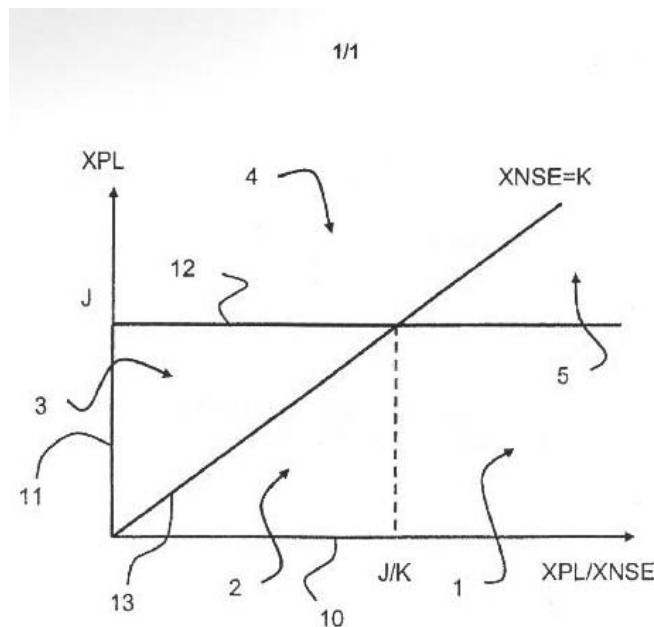
Address of Applicant :45 RUE DE VILLIERS, 92200
NEUILLY/SUR/SEINE France

(72)Name of Inventor :

1)JEAN CHRISTOPHE LEVY

(57) Abstract :

The invention relates to a method and a system for verifying the precision performance of a satellite navigation system that can certify compliance with a level of precision whatever the observation conditions, notably as regards satellite geometry. The invention is a performance verification tool for the design, verification and qualification of a satellite navigation system. Single figure



Single figure

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/11/2010

(21) Application No.7647/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : LIGHT MODULE, ILLUMINATION SYSTEM AND METHOD INCORPORATING DATA IN LIGHT
EMITTED

(51) International classification	:H04B10/10
(31) Priority Document No	:08155713.4
(32) Priority Date	:06/05/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/051711
Filing Date	:27/04/2009
(87) International Publication No	:WO/2009/136312
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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EINDHOVEN 5621 BA NETHERLANDS

(72)**Name of Inventor :**

1)SCHENK Tim C. W.
2)FERI Lorenzo
3)DAMINK Paulus H. A.
4)VERNHOUT Martin M.
5)SEKULOVSKI Dragan.

(57) Abstract :

Proposed is a light module (110) comprising at least two primary light sources (111,112,113) capable of emitting a primary color light. This allows the light module to emit light having intensity (Y) and color coordinates (x,y) through additive color mixing of the constituent primary colors. The light module further comprises an modulator (115) capable of modulating the primary light sources enabling embedment of data in the light emitted. The modulator (115) is arranged to modulate the color coordinates of the light emitted for embedding the data. This is especially advantageous as the sensitivity of the human eye to changes in color is lower than to changes in intensity. The invention thus advantageously allows embedding the data into the light emitted from the light modules (110) of an illumination system (100) without reducing the performance of its primary function as an aid to human vision. Fig. 1

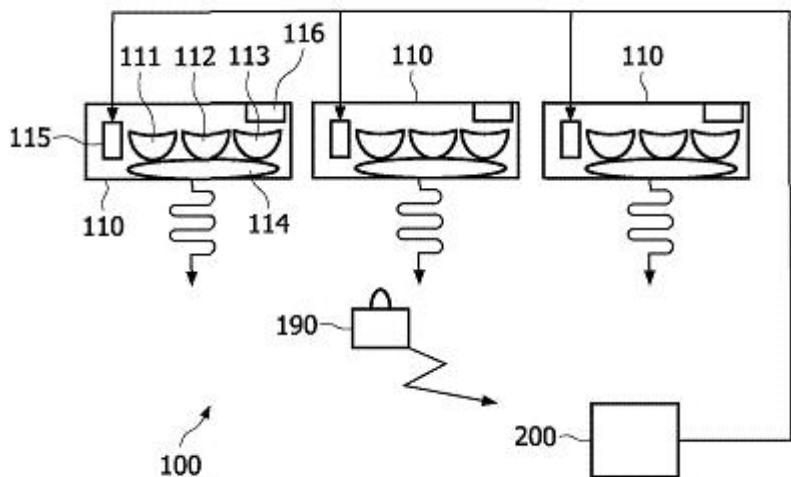


FIG. 1

No. of Pages : 14 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/11/2010

(21) Application No.7648/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : APPARATUS FOR COUPLING POWER SOURCE TO LAMP

(51) International classification	:H05B33/08
(31) Priority Document No	:08103830.9
(32) Priority Date	:06/05/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/051767
Filing Date	:30/04/2009
(87) International Publication No	: WO/2009/136331
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)WENDT Matthias

(57) Abstract :

An apparatus (1) for coupling a power source (2) to a light emitting diode lamp (3) comprises a first part for receiving first voltage and current signals from the power source (2) and a second part for supplying second voltage and current signals to the lamp (3). The first part comprises a detection part (11) for detecting a first amplitude reduction in at least one of the first signals, for example in the first voltage signal, and the second part comprises an introduction part (12) for, in response to a detection result, introducing a second amplitude reduction into at least one of the second signals, for example into the second current signal. As a result, the first part detects a first dimming state caused by the power source (2), and the second part introduces a second dimming state in response to the first part having detected the first dimming state, and the apparatus (1) has self-dimming capabilities, to keep the grid stable. Fig. 1

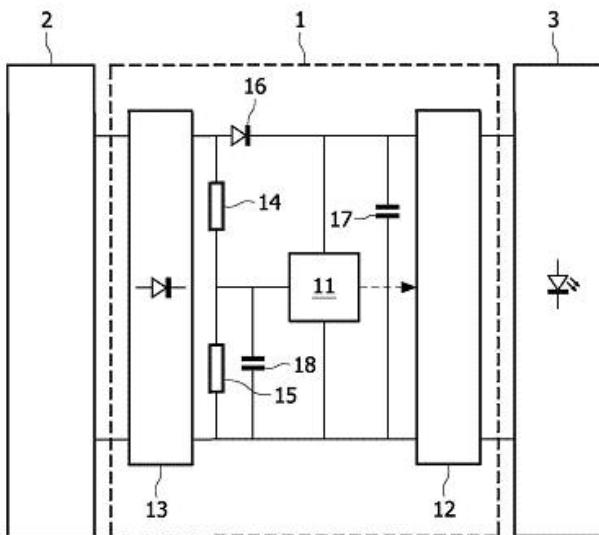


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.624/CHE/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : INTELLIGENT CALL FORKING MECHANISM

(51) International classification	:H04M3/00
(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)Alcatel Lucent

Address of Applicant :54 rue de La BoÃ¢tie 75008 PARIS
FRANCE

(72)Name of Inventor :

1)Karthick Rajapandian

2)Gopannan Ramachandran

3)Balamurugan Balasubramanian

(57) Abstract :

The application discloses call forking mechanism. The present invention relates to communications networks and particularly, to call forking in communication networks. In present day call forking systems, it is not possible to directly connect a caller to same forked line which he was connected for his previous call. The disclosed call forking system provides a method to fork callers to same forked line that the caller was connected earlier. When a caller makes a second call to the calling party™s calling line, the network checks with the profile details of the calling party. If the profile details indicate that the same caller had been connected to one of the forked lines earlier, then intelligent forking is activated for his call. The caller is then connected to the same forked line he was connected to for his previous call. The method allows intelligent forking in a parallel forking scenario.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/11/2010

(21) Application No.7660/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A BIOLOGIC AND MEDICAL-MULTI CHANNEL LOW VOLTAGE MICRO-ELECTRIC-FIELD GENERATOR

(51) International classification	:A61N1/32	(71) Name of Applicant :
(31) Priority Document No	:200810036767.4	1)SUNTEK MEDICAL SCIENTIFIC AND TECHNOLOGIES (SHANGHAI) CO. LTD.
(32) Priority Date	:29/04/2008	Address of Applicant :Suite No.6 528 Ruiqing Road Pudong
(33) Name of priority country	:China	New Area Shanghai China
(86) International Application No	:PCT/CN2008/001022	(72) Name of Inventor :
Filing Date	:26/05/2008	1)SEN Luyi
(87) International Publication No	:WO/2009/132480	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A biologic and medical multi-channel low voltage micro-electric-field generator, includes a power supply unit, at least a micro-electric-field generating unit set along the output of the power supply unit, and a programmable logic control unit. The micro-electric-field generating unit includes a step-down unit, a linear regulator unit, and a pulse generating and outputting unit controlled by the programmable logic control unit. The step-down unit depresses the voltage of frequency power. The linear regulator unit regulates the output of the step-down unit. The pulse generating and outputting unit turns on/off the output of the linear regulator unit rapidly and periodically, forming the pulse output. The programmable logic control unit controls the characteristics of the pulse output from the pulse generating and outputting unit according to preset values and program procedures. The pulse generating and outputting unit connects to a network electrode group. The biologic and medical multi-channel low voltage micro-electric-field generator is widely used in gene, protein, drug and/or a variety of biomass body delivery to the organs, cells within the tissues of large animal or human.

No. of Pages : 33 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/11/2010

(21) Application No.7662/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : DEVICE FOR OSTEOSYNTHESIS AND FOR IMMOBILIZATION AND STABILIZATION OF TUBULAR BONES

(51) International classification	:A61B17/80
(31) Priority Document No	:10 2008 002 389.2
(32) Priority Date	:12/06/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/056425
Filing Date	:27/05/2009
(87) International Publication No	:WO/2009/150047
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MEDXPERT GmbH

Address of Applicant :PostraÃe 55 79423 Heitersheim GERMANY.

(72)Name of Inventor :

1)Erhard REISBERG

(57) Abstract :

Figure 1 shows an inventive implant 1. It has a central fillet 2 extending along a longitudinal axis L. The fillet 2 has openings 3 which are formed at regular intervals. At the level of the openings 3 and extending at right angles on both sides are clamps 4, which, when the implant is inserted, are brought into mutual engagement with a tubular bone and clamped to it. The fillet 2 is formed so as to be bendable in three-dimensions. It can be bent in two planes relative to the longitudinal axis L of the fillet 2 and torqued about the longitudinal axis L. Thus, a simple implant 1 with an overall regular structure is provided which can be cut with a cutting pliers to a desired length.

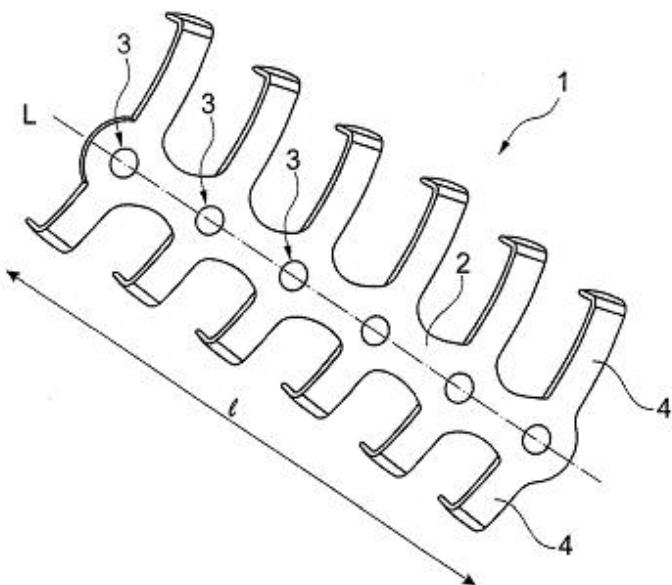


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2010

(21) Application No.7663/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : AN APPARATUS

(51) International classification	:G10L19/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2008/055776
Filing Date	:09/05/2008
(87) International Publication No	:WO/2009/135532
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
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(72)Name of Inventor :

1)Lasse Laaksonen

2)Mikko Tammi

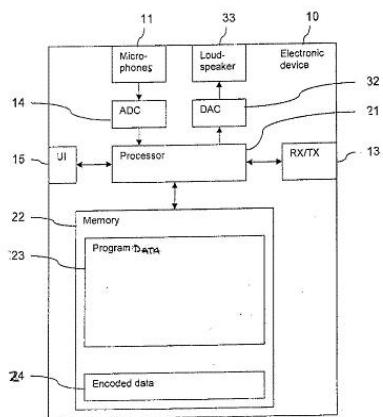
3)Adriana Vasilache

4)Anssi Ramo

(57) Abstract :

A method comprising receiving at a user equipment encrypted content. The content is stored in said user equipment in an encrypted form. At least one key for decryption of said stored encrypted content is stored in the user equipment. Fig. 1

fig 1



No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/03/2010

(21) Application No.655/CHE/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : FLOATING PASSENGER CABIN MODEL

(51) International classification	:B60R 21/00	(71) Name of Applicant : 1)ARUN KUMAR CHANDRAN Address of Applicant :93/3, 3 CROSS STREET, GILL NAGAR, CHOOLAIMEDU, CHENNAI - 600 094. 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)ARUN KUMAR CHANDRAN
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 :

By designing the passenger cabinet as a floating air cavity (resembling a water tub) in a pool of highly viscous, non-flammable, light weight, non conducting fluid, the passenger cabinet will experience lesser vibration due to impact than the chassis of the car. The model consists of two- light weight, non corrosive rigid planes 1 held together by flexible membranes 2 connected to their periphery. The upper rigid plane has an air cavity 3 distributed uniformly on its lower surface. This air cavity is created using a flexible, tough membrane similar to the above mentioned membrane. The cavity between the two rigid planes 1 is partially (allowing the formation of an air cavity 7 at the edges of the set up) filled fluid 4. So the upper rigid plane 1A has a uniform air cavity attached to its lower surface followed by a layer of the fluid 4 and than a lower rigid plane 1B which is to be mounted on the chassis frame 5. The periphery of this setup is sealed by the flexible membrane 2 that is mentioned above.

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/03/2010

(21) Application No.658/CHE/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SYSTEM AND METHOD FOR VALUE DECODING AND VALUE INNOVATION FOR PRODUCTS AND BRANDS

(51) International classification	:H04N	(71) Name of Applicant : 1)HAMSINI SHIVAKUMAR Address of Applicant :NO: 15 JOSHUA DRIVE HILLSBOROUGH NEW JERSEY 08844 US 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)HAMSINI SHIVAKUMAR
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 describes a system and method for value decoding and value innovations for products and brands. The framework enables marketers to decode the value definitions within a category, redefining the pricevalue equation of the same in the market by designing specific products that offer a new kind of value at a given price point. This can help put a brand on the path to sustained, profitable growth.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2010

(21) Application No.7681/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : AREA BASED LIGHTING CONTROL SYSTEM INCLUDING LOCAL LUMINAIRE CONTROL

(51) International classification	:H05B37/02
(31) Priority Document No	:08103845.7
(32) Priority Date	:07/05/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/051753
Filing Date	:30/04/2009
(87) International Publication No	:WO/2009/136324
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)HOOIJER Christofher D. C.
2)JOOSEN Bram F.
3)WEDA Johannes

(57) Abstract :

The invention relates to local luminaire control in an area based lighting control system. A basic idea of this invention is to use a soft switch assigned to one or more luminaires of an area based lighting control system to locally control the luminaire/ies, wherein the soft switch is adapted for generating an appropriate signal for the area based lighting control system, that puts the luminaire/ies in the desired state. An embodiment of the invention provides an area based lighting control system (10), comprising - several lamps (12) provided for illuminating an area, - a control device (14) for controlling one or more of the several lamps responsive to received control signals (16, 18, 20), and - at least one soft switch (22, 24) assigned to one or more lamps (26, 28) and being adapted to sense user touches and to signal sensed user touches by means of sending a control signal (16, 18) to the control device (14), which is configured to control the lamps (26, 28), to which the soft switch is assigned, responsive to the received control signal. This allows a local luminaire control which is integrated in the central lighting control of an area based lighting control system. Fig. 1

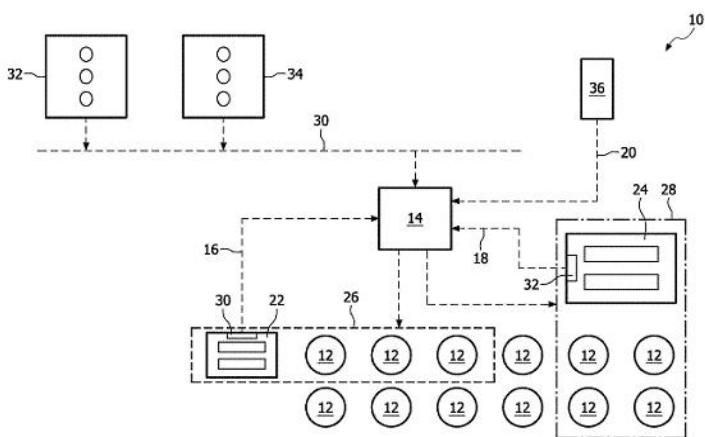


FIG. 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2010

(21) Application No.7685/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : LIGHTING DEVICE

(51) International classification	:G02F1/13
(31) Priority Document No	:08155866.0
(32) Priority Date	:08/05/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/051707
Filing Date	:27/04/2009
(87) International Publication No	:WO/2009/136310
(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)OVERSLUIZEN Gerrit
2)VAN RIJSWIJK Ronald
3)DE KONING Hendrik
4)HORNIX Eefje J.

(57) Abstract :

A lighting device (1401; 1402; 1403; 1404) comprises a semi-transparent plate-shaped light source (1409; 1400). The transparent plate-shaped light source may be a passive plate-shaped light source (1400) comprising a transparent light guide plate body (1410) with two substantially parallel main surfaces (1411; 1412), and wherein at least one of the main surfaces (1411; 1412) is provided with permanent obstructions (1415). The obstructions (1415) may be implemented as material portions projecting from the surface and/or as indentations recessed in the surface. The obstructions (1415) may be arranged by sandblasting, preferably in a pattern of dots, wherein the dots may have sizes in the range between 20 and 200 μm , preferably approximately 100 μm , and wherein the dot density may be in the range between 5 and 500 dots/cm². Fig. 9A

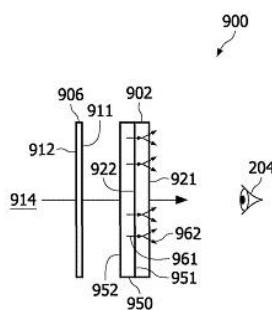


FIG. 9A

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2010

(21) Application No.7097/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A METHOD FOR PRE-EMPTING DATA TRANSMISSION IN A DISCOVERY CHANNEL

(51) International classification	:H04W48/16
(31) Priority Document No	:61/043464
(32) Priority Date	:09/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/051460
Filing Date	:07/04/2009
(87) International Publication No	:WO/2009/125344
(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 :GROENEWOUDSEWEG 1 NL-5621
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(72)Name of Inventor :

1)CHEN Richard

(57) Abstract :

A method (300) for pre-empting data transmissions in a discovery channel. The method comprises scanning the discovery channel to detect at least one data beacon transmitted in beacon slots (230) of a superframe (S310); determining if at least one data beacon was detected (S320); and transmitting a pre-empt beacon if the at least one data beacon was detected (S3 30).

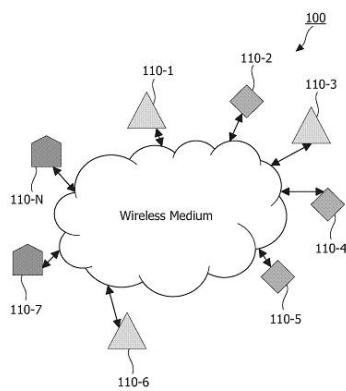


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2010

(21) Application No.7098/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : DOUBLE LAYER MULTI ELEMENT RF STRIP COIL ARRAY FOR SAR REDUCED HIGH FIELD MR

(51) International classification	:G01R33/34
(31) Priority Document No	:08103449.8
(32) Priority Date	:09/04/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/051393
Filing Date	:02/04/2009
(87) International Publication No	:WO/2009/125320
(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)LEUSSLER Christoph

(57) Abstract :

When performing high or ultra-high field magnetic resonance imaging, a double-layered transmit-receive coil array (10) improves receive SNR and reduces transmit SAR. A transmit element (14) is placed in close proximity to a radio frequency shield (12) to reduce SAR, and a receive element (16) is placed further away from the shield to improve SNR. The transmit and receive elements can be mutually decoupled using diodes (20), transformers (70, 72), or other decoupling techniques. In one embodiment, a portion of the transmit element (14) passes in front of the RF shield (12) to further reduce SAR, while capacitors (18) in the transmit element (14) are positioned behind the shield (12). An additional shield (80) can be employed to mitigate cable waves.

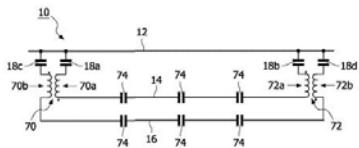


FIG. 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2010

(21) Application No.7133/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : MODULAR MULTI-GEOMETRY PET SYSTEM

(51) International classification	:G01T1/24
(31) Priority Document No	:61/043742
(32) Priority Date	:10/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/051190
Filing Date	:20/03/2009
(87) International Publication No	:WO/2009/125309
(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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BA EINDHOVEN NETHERLANDS

(72)Name of Inventor :

1)GAGNON Daniel

2)MCKNIGHT Douglas B.

(57) Abstract :

When performing positron emission tomography (PET) scanning and image reconstruction, a primary PET system (10) with a primary PET detector array (12) is used to image a patient or subject, and a secondary PET detector array (14) is coupled to the system at specific input points to mitigate unnecessary duplication of system components. The primary system (10) provides PET data processing and reconstruction for the secondary array (14), in addition to the first array (12). An adjustable array (120) includes radially movable detectors (122) and stationary detectors (124) with different crystal resolutions. The movable detectors (122) are alternately positioned with the stationary detectors (124) at a first radius to form a large detector ring, or are positioned at a second, smaller radius without the stationary detectors (124) to form a small detector ring. FIG. 4

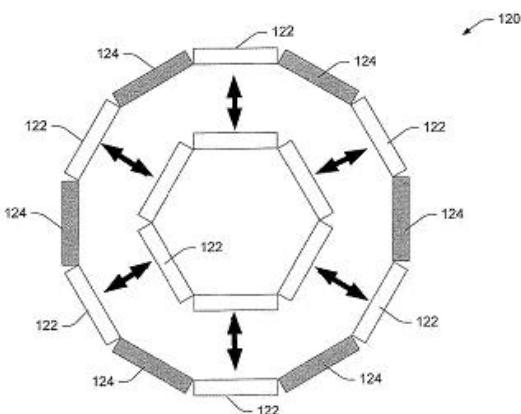


FIG. 4

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2010

(21) Application No.7173/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : BOTTLE WARMER AND MIXING APPARATUS

(51) International classification	:A47J36/24
(31) Priority Document No	:08103556.0
(32) Priority Date	:16/04/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/051533
Filing Date	:13/04/2009
(87) International Publication No	:WO/2009/128015
(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)JONG Gerrit Jan de
2)BAX Pieter Johannes
3)SCHEUR Frank Theodoor van de

(57) Abstract :

A bottle warmer and mixing apparatus comprises a mixing unit (50) arranged to agitate a bottle (3) in two dimensions to mix the contents therein. A heating unit is arranged to heat the contents of the bottle. The heating unit is at least partially decoupled from the agitation generated by the mixing unit (50). Fig.4

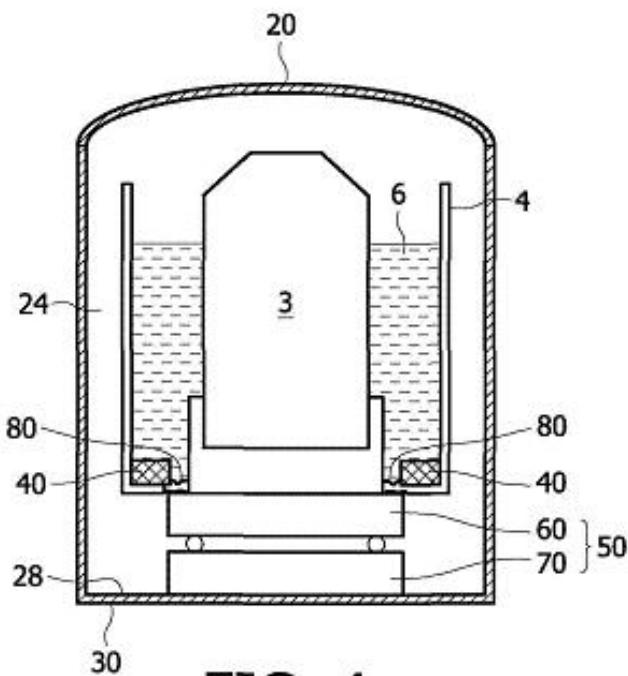


FIG. 4

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8381/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHODS OF DIAGNOSING REJECTION OF A KIDNEY ALLOGRAFT USING GENOMIC OR PROTEOMIC EXPRESSION PROFILING

(51) International classification	:C12Q1/68, C40B30/00, G01N33/483	(71) Name of Applicant : 1)THE UNIVERSITY OF BRITISH COLUMBIA Address of Applicant :University-Industry Liaison Office 103-6190 Agronomy Road Vancouver British Columbia V6T 1Z3 Canada (CA)
(31) Priority Document No	:61/129,022	(72) Name of Inventor :
(32) Priority Date	:30/05/2008	1)KEOWN PAUL
(33) Name of priority country	:U.S.A.	2)SCHERER ANDREAS
(86) International Application No Filing Date	:PCT/CA2009/000744 :29/05/2009	3)GUNTHER OLIVER
(87) International Publication No	:WO/2009/143624	4)BALSHAW ROBERT
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)NG RAYMOND
(62) Divisional to Application Number Filing Date	:NA :NA	6)MUI ALICE
		7)MCMASTER ROBERT
		8)McMANUS BRUCE
		9)COHEN FREUE GABRIELA
		10)MEREDITH ANNA

(57) Abstract :

A method of determining the acute allograft rejection status of a subject, the method comprising the steps of: determining the nucleic acid expression profile of one or more than one nucleic acid markers, or one or more than one proteomic markers in a biological sample from the subject; comparing the expression profile of the one or more than one nucleic acid markers to a control profile; and determining whether the expression level of the one or more than one nucleic acid markers is increased relative to the control profile, wherein the increase of the one or more than one nucleic acid markers is indicative of the acute rejection status of the subject.

No. of Pages : 245 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8395/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SILICONE RUBBER MATERIAL FOR SOFT LITHOGRAPHY

(51) International classification	:C08L83/04
(31) Priority Document No	:08157807.2
(32) Priority Date	:06/06/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/052276
Filing Date	:29/05/2009
(87) International Publication No	:WO/2009/147602
(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)VERSCHUUREN Marcus A.

(57) Abstract :

The present invention relates to a silicone rubber like material and a printing device including a stamp layer (100;201) comprising such a material. The material is suitable for use in soft lithography as it enables stable features having dimensions in the nanometer range to be obtained on a substrate, and also allows for the accommodation onto rough and non-flat substrate surfaces. The invention also relates to methods for manufacturing the silicone rubber like material and stamp layer (100;201) and use thereof in lithographic processes. Fig. 1

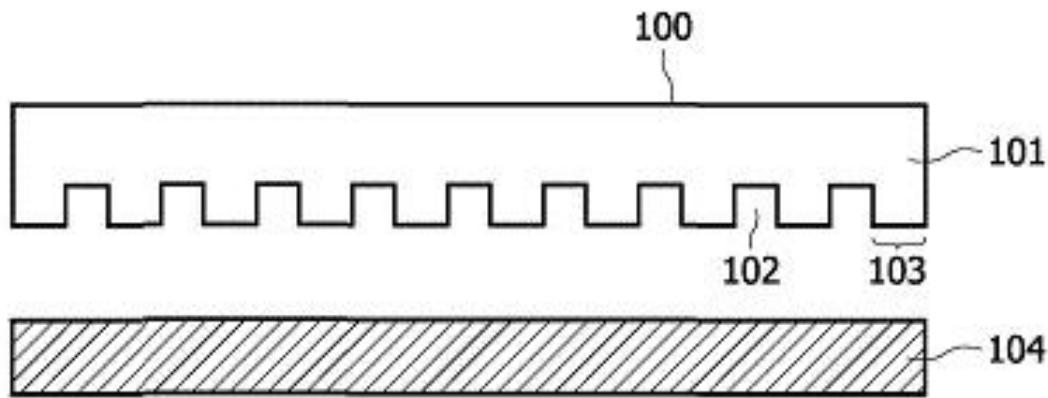


FIG. 1

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8396/CHENP/2010 A

(43) Publication Date : 16/09/2011

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

(51) International classification	:G01T1/161
(31) Priority Document No	:61/059,366
(32) Priority Date	:06/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/052284
Filing Date	:29/05/2009
(87) International Publication No	:WO/2009/147607
(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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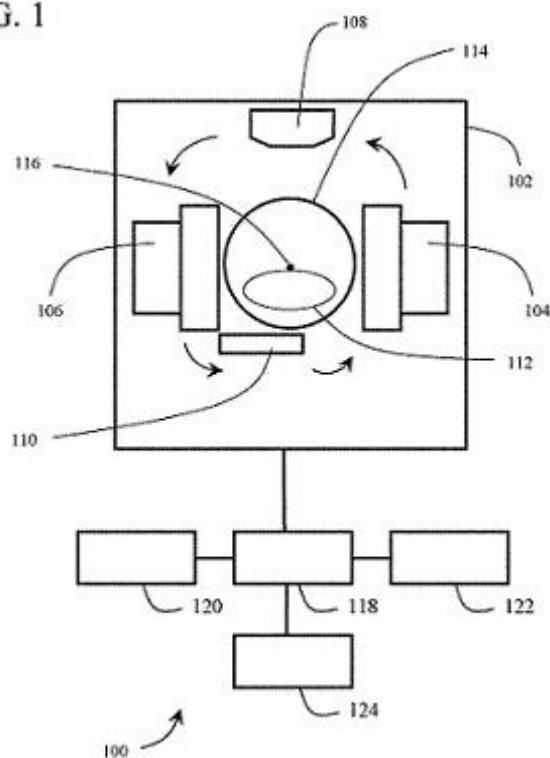
(72)Name of Inventor :

1)YE Jinghan
2)LIANG Hongjie
3)VESEL John
4)SOWARDS-EMMERD David
5)SHAO Lingxiong
6)GARRARD Jody L.

(57) Abstract :

A method and apparatus of image reconstruction attenuation correction in PET or SPECT cardiac imaging is provided. A volumetric attenuation imaging scan by an X-ray source may be used to generate a gamma ray attenuation map. The volumetric attenuation imaging scan may be randomized, and may be performed while the imaged subject is breathing. Fig.1

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8397/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : LED LAMP DRIVER AND METHOD

(51) International classification	:H05B33/08
(31) Priority Document No	:61/059,281
(32) Priority Date	:06/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/052153
Filing Date	:22/05/2009
(87) International Publication No	:WO/2009/147563
(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)CRENSHAW David
2)DE LIMA Shane

(57) Abstract :

An LED lamp driver and method including an LED lamp driver receiving low voltage DC power, the LED driver including a push-pull transformer circuit (24) operably connected to receive the low voltage DC power (23) and produce transformer AC power (27), the push-pull transformer circuit (24) having switches (25) responsive to steering signals (35); a self resonant control circuit (26) operably connected to the push-pull transformer circuit (24) to generate the steering signals (35); a current controller (28) operably connected to receive the transformer AC power (27) and produce controlled AC power (29); and an AC/DC converter (30) operably connected to receive the controlled AC power (29) and produce high voltage DC power (31). Fig.1

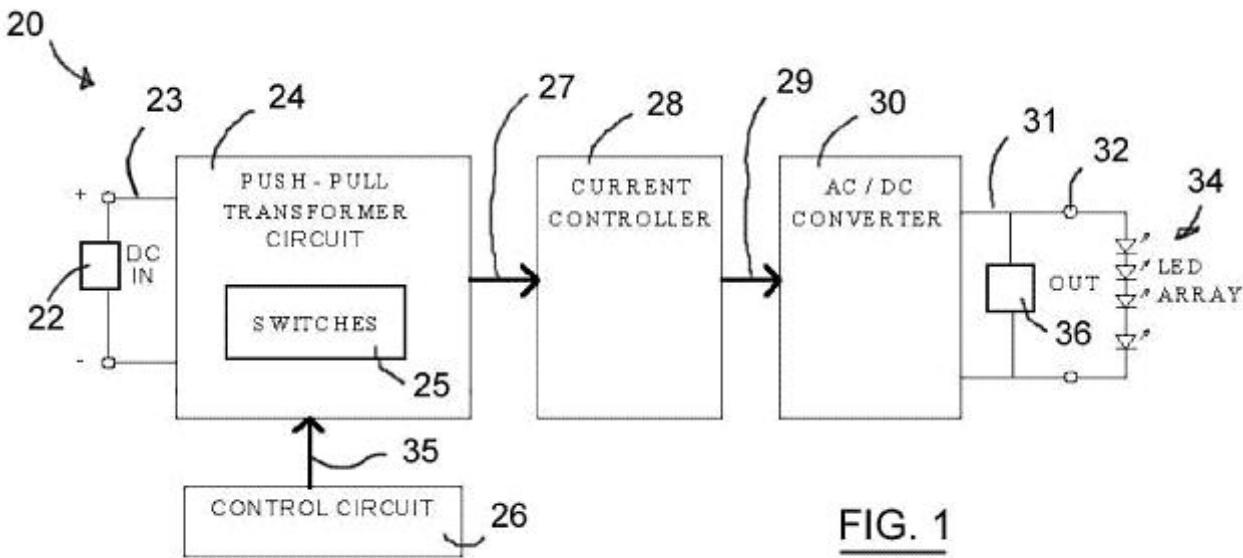


FIG. 1

No. of Pages : 24 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8398/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD AND APPARATUS FOR ILLUMINATING THE INTERIOR OF A MEDICAL IMAGING DEVICE

(51) International classification	:A61B5/055
(31) Priority Document No	:61/059372
(32) Priority Date	:06/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/052285
Filing Date	:29/05/2009
(87) International Publication No	:WO/2009/147608
(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)HEROLD mark Douglas
2)JUDKINS Daniel David

(57) Abstract :

A method and apparatus for illuminating the interior of a medical imaging device is provided. The method and apparatus may convey information to the patient within the scanning tube via the use of different colors or brightness of illuminating light and images and/or text may be provided. Fig.5A.

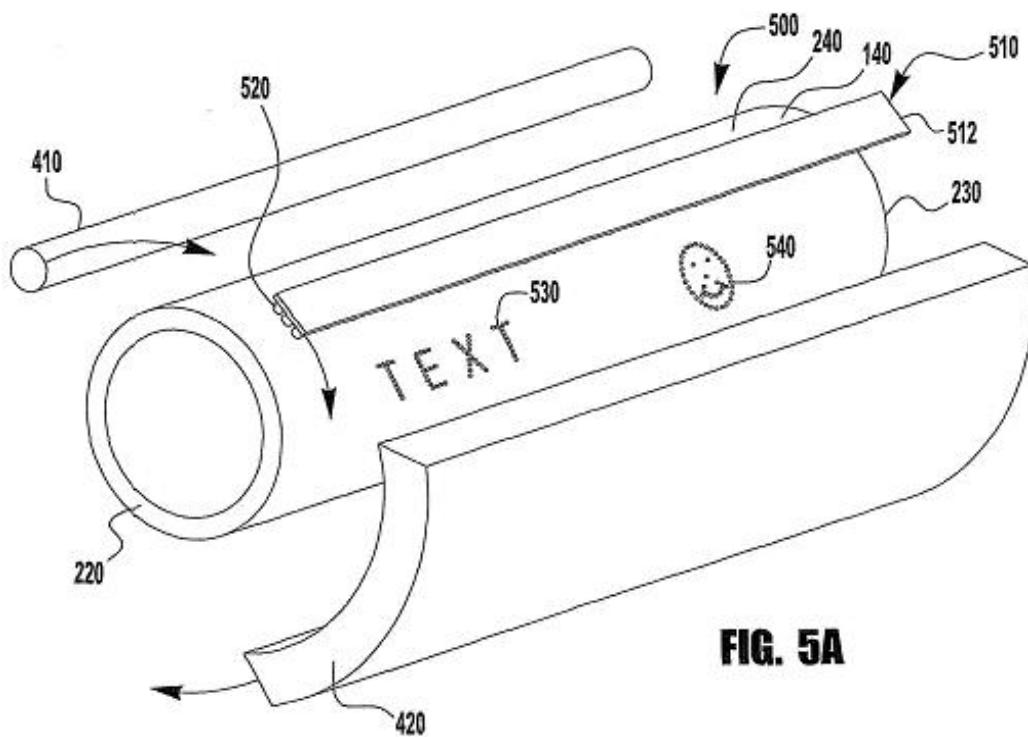


FIG. 5A

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8399/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING A SUMMARY OF AN AUDIO/VISUAL DATA STREAM

(51) International classification	:G11B27/02	(71) Name of Applicant :
(31) Priority Document No	:08157834.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:09/06/2008	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2009/052318	(72) Name of Inventor :
Filing Date	:02/06/2009	1)PASTRNAK Milan
(87) International Publication No	:WO/2009/150567	2)FONSECA Pedro
(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 generating a summary of an audio/visual data stream is provided, the data stream comprising a plurality of consecutive frames having audio and visual properties. A plurality of shots of an audio/visual data stream are detected (step 204). A plurality of segments of the audio/visual data stream are determined (step 206), each segment comprising a plurality of the shots of the data stream having similar visual properties. A segment of the determined plurality of segments is selected (step 208). For each shot of said selected segment of said data stream, the audio in a plurality of consecutive frames which occur after the end of said shot is extracted (step 210). At least one of the shots is selected based on the extracted audio (step 212). A summary is generated to include the selected at least one of the shots (step 214). Fig. 2

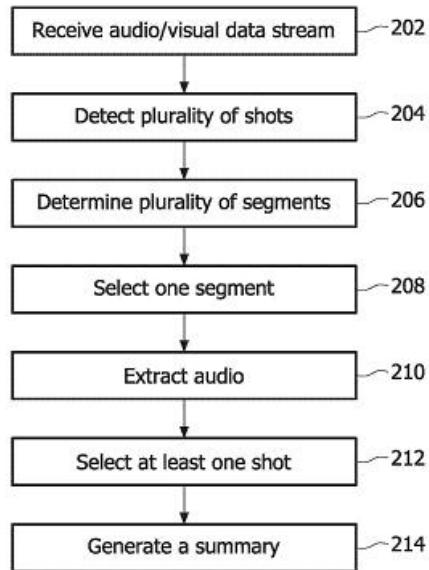


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/11/2010

(21) Application No.7651/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : LED DRIVING UNIT

(51) International classification	:H05B33/08
(31) Priority Document No	:08155671.4
(32) Priority Date	:06/05/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/051734
Filing Date	:29/04/2009
(87) International Publication No	:WO/2009/136318
(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)PEETERS Henricus M.

(57) Abstract :

A daisy chain dimming solution can be applied in all kinds of LED driver topologies. A central idea is to measure or sense the current levels or pulse width modulation duty cycles in a previous segment (N-1) in a chain of segments of LED driving units with associated LED strands, and control the current through the next segment (N) based on the sensed current through the previous. For example, each LED driving unit (10) can copy the same dimming level to the next segment, and in this way the same dimming can be obtained for several segments without the need for separate cabling for distributing a dimming signal. Fig.2

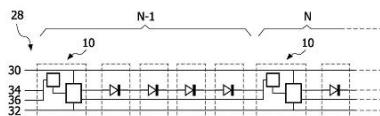


FIG. 2

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8410/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHODS IN INCREASING GRAIN VALUE BY IMPROVING GRAIN YIELD AND QUALITY

(51) International classification	:C12N15/82
(31) Priority Document No	:61/061,231
(32) Priority Date	:13/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/057151
Filing Date	:10/06/2009
(87) International Publication No	:WO/2009/150170
(61) 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 PLANT SCIENCE GMBH

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)GUAN Hanping

2)SEO; Beomseok

3)HARDIN Shane

(57) Abstract :

The invention provides a transgenic plant, which expresses a transgene encoding a citrate synthase (CS) wherein the transgenic plant seed of the invention is characterized by increased yield and/or enhanced levels of protein, essential amino acids or oil, when compared to an isolate that does not express the transgene; and also provides methods of producing transgenic plants with economically relevant traits and provides expression vectors comprising polynucleotides encoding Citrate Synthase.

No. of Pages : 89 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8411/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PROCESS FOR PRODUCTION OF A COMPOSITE MATERIAL HAVING ANTIMICROBIAL ACTIVITY

(51) International classification	:A01N25/10	(71) Name of Applicant :
(31) Priority Document No	:10 2008 033 224.0	1) BIO-GATE AG
(32) Priority Date	:15/07/2008	Address of Applicant :Neumeyerstr. 28-34 90411
(33) Name of priority country	:Germany	NÃ¼rnberg Germany
(86) International Application No	:PCT/EP2009/057992	(72) Name of Inventor :
Filing Date	:25/06/2009	1) STEINRÄCKE PETER
(87) International Publication No	:WO/2010/006915	
(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 process for production of a composite material having antimicrobial activity, having the following steps: provision of a metal powder produced from a metal having antimicrobial activity, wherein the metal powder is formed from discrete agglomerates having a porosity of 30 to 98%, wherein the agglomerates have a spongy structure formed by solid material bridges; melting a thermoplastic and setting a predetermined viscosity; mixing the metal powder with the molten thermoplastic in a predetermined quantitative ratio; and cooling the mixture, wherein the metal powder is firmly bound to a matrix formed by the plastic.

No. of Pages : 23 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8412/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ILLUMINATION DEVICE WITH HOLOGRAPHIC LIGHT GUIDE

(51) International classification	:F21V8/00
(31) Priority Document No	:61/077,098
(32) Priority Date	:30/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/048677
Filing Date	:25/06/2009
(87) International Publication No	:WO/2010/002701
(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)CHUI Clarence

3)MIENKO Marek

4)XU Gang

5)BITA Ion

(57) Abstract :

An illumination device includes a holographic film 89 and a light source 93, such as a point light source. The point light source 93 is positioned at an edge of the holographic film and has a light emitting face that faces the edge of the holographic film 89. The holographic film 89 includes a hologram formed of diffractive refractive index structures. The density of the diffractive refractive index structures increases with increasing distance from the light source 93. Light is propagated from the light source 93 through the holographic film 89, such as by total internal reflection. The diffractive refractive index structures turn the light, thereby causing the light to propagate out of the holographic film 89 in a desired direction. In some embodiments, the light propagating out of the holographic film 89 has a high uniformity across the surface of the holographic film 89.

No. of Pages : 42 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8413/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : LOW TEMPERATURE AMORPHOUS SILICON SACRIFICIAL LAYER FOR CONTROLLED ADHESION IN MEMS DEVICES

(51) International classification	:B81B3/00
(31) Priority Document No	:12/133,813
(32) Priority Date	:05/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/046176
Filing Date	:03/06/2009
(87) International Publication No	:WO/2009/149213
(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)WEBSTER James Randolph

2)TU Thanh Nghia

3)YAN Xiaoming

4)CHUNG Won Suk

(57) Abstract :

Methods of fabricating an electromechanical systems device that mitigate permanent adhesion, or stiction, of the moveable components of the device are provided. The methods provide an amorphous silicon sacrificial layer with improved and reproducible surface roughness. The amorphous silicon sacrificial layers further exhibit excellent adhesion to common materials used in electromechanical systems devices.

No. of Pages : 46 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8414/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SYNCHRONOUS TDM-BASED COMMUNICATION IN DOMINANT INTERFERENCE SCENARIOS

(51) International classification	:H04W72/08	(71) Name of Applicant :
(31) Priority Document No	:61/080,025	1)QUALCOMM Incorporated
(32) Priority Date	:11/07/2008	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714 USA.
(86) International Application No	:PCT/US2009/050289	(72) Name of Inventor :
Filing Date	:10/07/2009	1)BHATTAD Kapil
(87) International Publication No	:WO/2010/006285	2)PALANKI Ravi
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques for supporting communication in a heterogeneous network are described. In an aspect, communication in a dominant interference scenario may be supported by reserving sub frames for a weaker base station observing high interference from a strong interfering base station, in another aspect, interference due to a first reference signal from a first station (e.g., a base station) may be mitigated by canceling the interference at a second station (e.g., a UU) or by selecting different resources for sending a second reference signal by the second station (e.g., another base station) to avoid collision with the first reference signal. In yet another aspect, a relay may transmit in an MBS FN mode in sub frames that it listens to a macro base station and in a regular mode in sub frames that it transmits to UEs. In yet another aspect, a station may transmit more TDM control symbols than a dominant interferer,

No. of Pages : 45 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8415/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : STORAGE DEVICE CARRIER HAVING A PIVOTING PANEL

(51) International classification	:G06F1/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2008/065716
Filing Date	:04/06/2008
(87) International Publication No	:WO/2009/148443
(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)Trentent TYE
2)Mark C. SOLOMON
3)Troy TYE**

(57) Abstract :

An apparatus includes a storage device having at least one electrical connector and at least one first engagement structure separate from the at least one electrical connector. A carrier receives the storage device, where the carrier has at least one pivotable panel that is pivotable between a closed position and an open position. The panel has at least one second engagement structure to mechanically engage with the at least one first engagement structure if the panel is in the closed position, and the at least one second engagement structure is released from the at least one first engagement structure if the panel is in the open position. [FIG. IB]

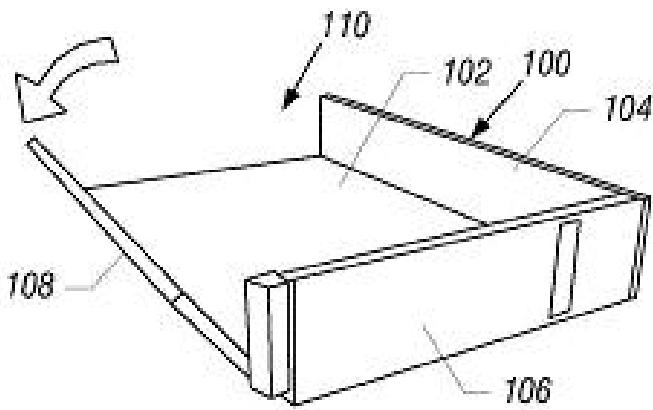


FIG. 1B

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8416/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : LED MODULE

(51) International classification	:H01L33/00
(31) Priority Document No	:08157943.5
(32) Priority Date	:10/06/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/052264
Filing Date	:29/05/2009
(87) International Publication No	:WO/2009/150561
(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)VAN SPRANG Hendrik A.
2)JAGT Hendrik J. B.
3)HUNSCHE Bernd
4)DIEDERICH Thomas

(57) Abstract :

The present invention relates to a LED module which converts pump light from a LED chip (120) to light at another wavelength, which is emitted from the module. The conversion takes place in a portion of a luminescent material (124). The color purity of the LED module is enhanced by reducing any leakage of pump light using a reflector in combination with an absorber. In one embodiment, the absorber is integrated as one or several thin absorbing layers between the layers of a multi-layer reflection filter (126); this may yield an even higher reduction of pump light leakage from the module. Fig. 4

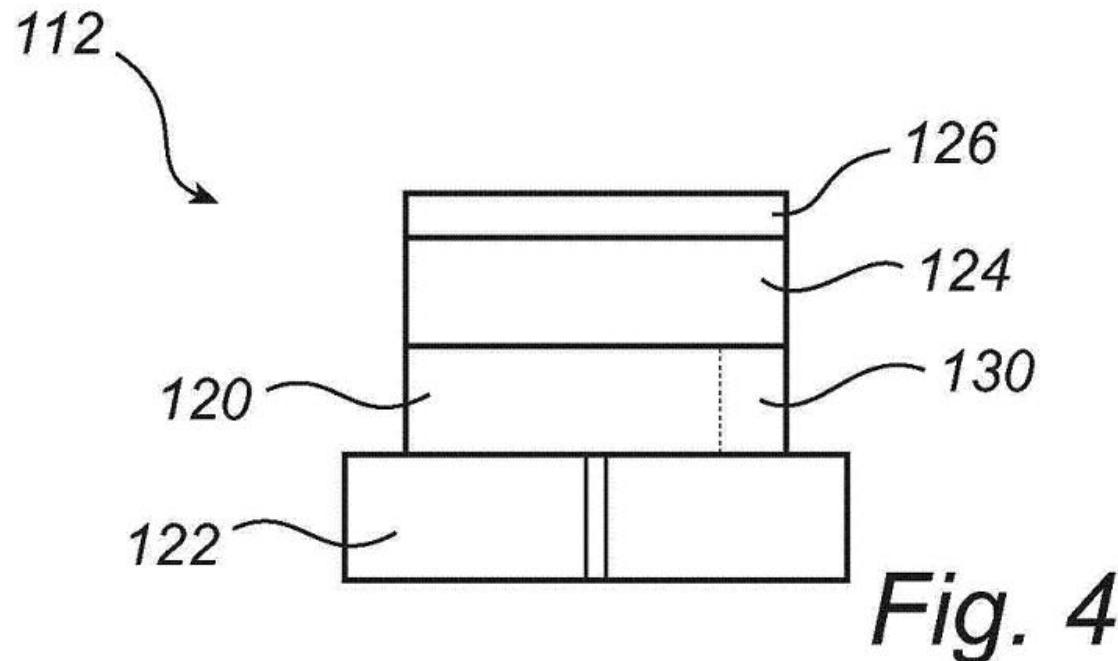


Fig. 4

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8417/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : LIGHT OUTPUT DEVICE AND METHOD

(51) International classification	:F21V7/00
(31) Priority Document No	:08157934.4
(32) Priority Date	:10/06/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/052379
Filing Date	:05/06/2009
(87) International Publication No	:WO/2009/150586
(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)VAN GORKOM Ramon P.
2)RIJKE Arij J.
3)JAK Martin J. J.

(57) Abstract :

The present invention relates to a light output device (10, 50, 70), comprising: a first light source (12a, 52a, 72a); a second light source (12b, 52b, 72b); a partly transparent mirror (16, 56, 76), and collimating means (14a, 14b, 54a, 54b, 74) being adapted to at least partly collimate the light of the first and second light sources, such that during operation substantially all the at least partly collimated light of the first and second light sources is incident on the partly transparent mirror. The partly transparent mirror is arranged for, during operation, receiving substantially all the at least partly collimated light emitted by the first and second light sources, and reflecting part of the light emitted by the first light source and transmitting part of the light emitted by the second light source, and vice versa, such that the light from the first light source is completely superimposed onto the light from the second light source following reflection/transmission at the partly transparent mirror. The collimating means comprises mirrorwise arranged portions corresponding to the first light source and the second light source, respectively. The first light source and the second light source is arranged on opposite outer ends of the collimating means. The present invention also relates to a light output method. Fig. 3

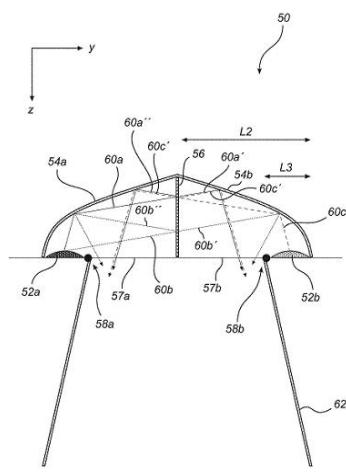


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8418/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PROGRAMMABLE USER INTERFACE DEVICE FOR CONTROLLING AN ELECTRICAL POWER SUPPLIED TO AN ELECTRICAL CONSUMER

(51) International classification	:H05B37/02
(31) Priority Document No	:08104340.8
(32) Priority Date	:10/06/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/052340
Filing Date	:03/06/2009
(87) International Publication No	:WO/2009/150573
(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)DIEDERIKS Elmo M. A.

(57) Abstract :

The invention relates to a user interface device and a method for controlling an electrical consumer (130). To provide a cost effective user interface device with an improved usability for an average users a user interface device for controlling an electrical consumer (130) is provided, comprising: a manual control device (110) including a display unit (112) and an input unit (111) for generating a switching signal (1a) based on an user input; and an electronic control device (120) for receiving the switching signal (1a) and generating an information signal (1b) based on the switching signal (1a) and/or a feedback signal (1e) received from the consumer load (130) and for outputting a control signal (1d) to the electrical consumer (130), wherein the information signal (1b) includes information at least indicating a direct relation between a presentation on the display unit (112) and the control setting of the electrical consumer (130); wherein the display unit (112) is adapted to display the presentation based on the information included in the received information signal (1b). Fig. 1

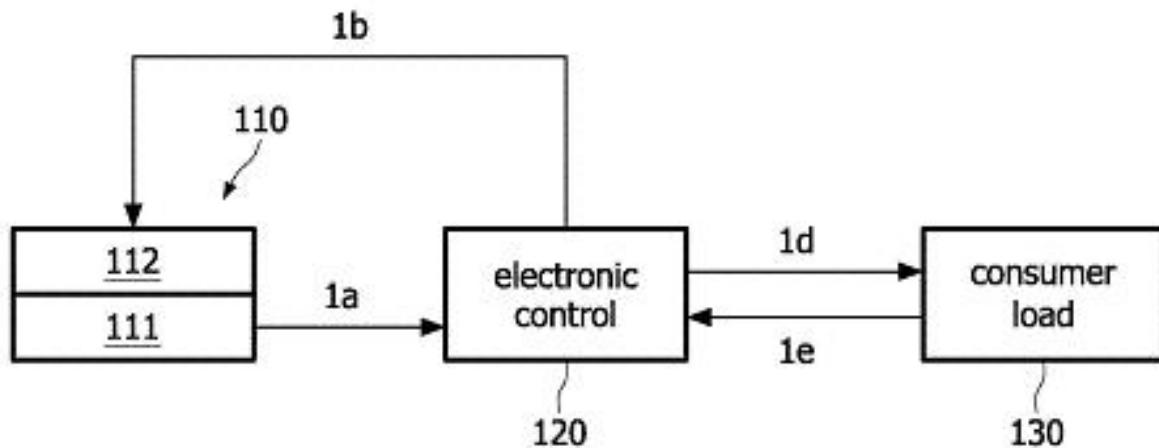


FIG. 1

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8419/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : USER INTERFACE DEVICE FOR CONTROLLING A CONNECTED CONSUMER LOAD AND LIGHT SYSTEM USING SUCH USER INTERFACE DEVICE, METHOD FOR CONTROLLING A CONSUMER LOAD USING

(51) International classification	:H05B37/02
(31) Priority Document No	:08104342.4
(32) Priority Date	:10/06/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/052337
Filing Date	:03/06/2009
(87) International Publication No	:WO/2009/150571
(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)DIEDERIKS Elmo M. A.
2)MASON Jonathan
3)VAN DE SLUIS Bartel M.

(57) Abstract :

The invention relates to a user interface device for controlling an electrical consumer, in particular, a light system. Further, it relates to a light system using such user interface device. Moreover it relates to a method for controlling such light system using a user interface device. To provide a user interface device, a light system and a method for controlling a consumer load providing feed forward or feedback information facilitating an easy and intuitive use of the user interface device when controlling a light system, a user interface device for controlling a connected light system (44) is proposed, comprising: a display unit (12) including a plurality of LEDs (13) in a matrix form, wherein each of the LEDs (13) of the matrix is addressable individually; an input unit (11) to receive a user input; a control unit (40) adapted to receive a signal (la) based on the user input and to generate an information signal (lb) provided to the display unit (12) and to generate a control signal (1C) for controlling the connected consumer load (44). Fig. 1

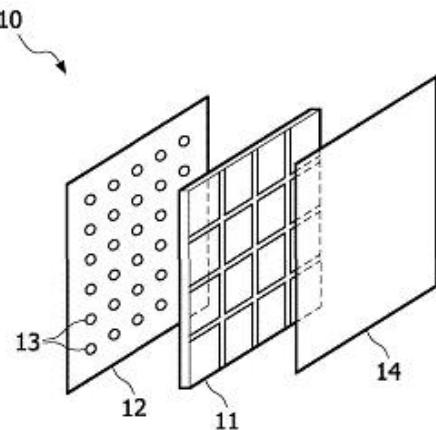


FIG. 1

No. of Pages : 31 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8461/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : MEDIA CONTENT SERVICE FOR RENTING JUKEBOXES AND PLAYLISTS ADAPTED FOR PERSONAL MEDIA PLAYERS

(51) International classification	:G06Q50/00	(71) Name of Applicant :
(31) Priority Document No	:12/164,028	1)MICROSOFT CORPORATION
(32) Priority Date	:28/06/2008	Address of Applicant :ONE MICROSOFT WAY, REDMOND, WA 98052-6399 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2009/048897	1)ALLARD, JAMES, E.
Filing Date	:26/06/2009	
(87) International Publication No	:WO 2009/158638 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An online media content service is adapted for use with a personal media player (125) to provide targeted media content (131) to the player (125) on a rental basis and is architected to enable users to access music using new models. The targeted media content (131) includes content that has special context or meaning to a user of the service by virtue, for example, of either being organized into a collection that appeals to the user, or by being related to the user through the users social graph. In the first case, the targeted media content (131) may illustratively include a set of media that has been selected to fulfill a theme or genre, and is made available to a user as a package to access and play for a limited period of time for a rental fee. In the second case, the targeted media content (131) may illustratively include a collection of songs that are drawn from playlists of people that the service knows to be friends of the user and provided on a subscription basis.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8463/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : CHARGING STATIONS FOR ELECTRIC VEHICLES

(51) International classification	:B60L11/18
(31) Priority Document No	:61/077,452
(32) Priority Date	:01/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/049448
Filing Date	:01/07/2009
(87) International Publication No	:WO 2010/003021 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)HILL, DALE

2)WALKER, MICHAEL

3)GOLDMAN, JOSHUA

4)HORTH, JOHN

(57) Abstract :

The invention relates to systems and methods for charging a vehicle. A vehicle and charging station can be designed such that an electric or hybrid vehicle can operate in a fashion similar to a conventional vehicle by being opportunity charged throughout a known route.

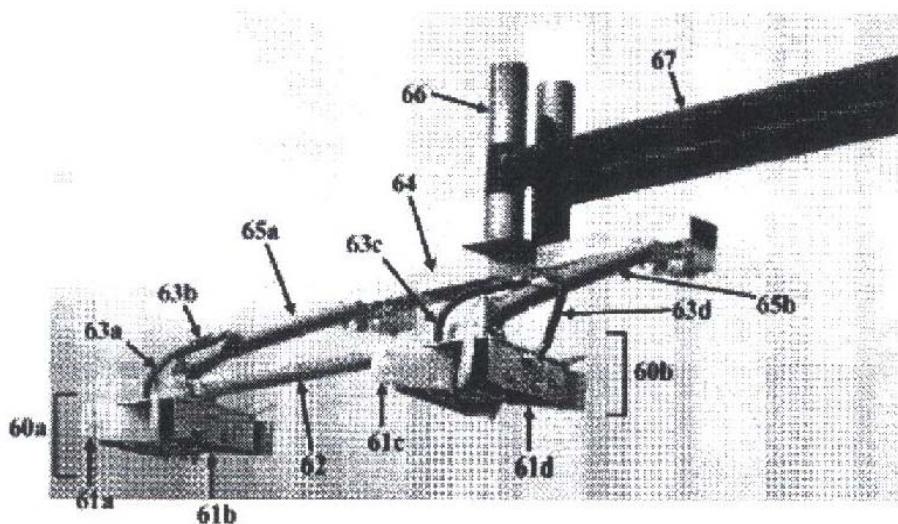


Figure 5

No. of Pages : 47 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8465/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : BIOMATERIALS CONTAINING CALCIUM PHOSPHATE

(51) International classification	:A61L27/12, A61L27/54
(31) Priority Document No	:08 03493
(32) Priority Date	:23/06/2008
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2009/000748 :22/06/2009
(87) International Publication No	:WO/2010/007229
(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)ROCHET NATHALIE
3)CARLE GEORGES**

(57) Abstract :

The invention relates to a biomaterial containing calcium phosphate, in particular hydroxyapatite or a material containing hydroxyapatite, such as biphasic calcium phosphates and calcium phosphate cements, and to the use thereof for the production of an implant or for fitting a prosthesis for the purpose of bone tissue regeneration.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8466/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : INORGANIC NANOPARTICLES OF HIGH DENSITY TO DESTROY CELLS IN-VIVO

(51) International classification	:A61K41/00, A61P35/00	(71) Name of Applicant : 1)NANOBIOTIX Address of Applicant :60 rue de Wattignies 75012 Paris FRANCE
(31) Priority Document No	:08157686.0	
(32) Priority Date	:05/06/2008	
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2009/056880	1)LEVY Laurent
Filing Date	:04/06/2009	2)POTTIER AgnÃ's
(87) International Publication No	:WO/2009/147214	3)ROUET Annabelle
(61) Patent of Addition to Application Number	:NA	4)MARILL Julie
Filing Date	:NA	5)DEVAUX Corinne
(62) Divisional to Application Number	:NA	6)GERMAIN Matthieu
Filing Date	:NA	

(57) Abstract :

The present application relates to novel excitable particles which can be used in the health sector. It more particularly relates to particles which can generate electrons and/or high energy photon when excited by ionizing radiations such as X- Rays, -Rays, radioactive isotope and/or electron beams, and to the uses thereof in health, in particular in human health. The inventive particles are made of an inorganic material comprising oxygen, in particular an oxide, said material having an adequate density, and can be activated in vitro, ex vivo, or in vivo, by controllable external excitation, in order to disturb, alter or destroy target cells, tissues or organs. The invention also relates to methods for the production of said particles, and to pharmaceutical or medical device compositions containing same.

No. of Pages : 72 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8467/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : FAIR USE MANAGEMENT METHOD AND SYSTEM

(51) International classification	:H04L12/24
(31) Priority Document No	:61/056,674
(32) Priority Date	:28/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/045419
Filing Date	:28/05/2009
(87) International Publication No	:WO/2009/155031
(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)JACKSON Robert

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(57) Abstract :

A method of managing a plurality of subscribers using a communication network involving: obtaining network usage data for a plurality of service flows associated with the plurality of subscribers using the network; from the network usage data, determining which of the plurality of subscribers has been using an excess amount of bandwidth; determining that at least some part of the network is currently in a congested state; and in response to determining that at least some part of the network is currently in the congested state, sending a policy decision to a gateway device that controls bandwidth resources currently being provided to the identified subscriber, said policy decision instructing the gateway device to reduce network bandwidth that is currently being provided to support existing service flows for the identified subscriber

No. of Pages : 21 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8468/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : NEIGHBOR LIST MESSAGES INCLUDING FEMTO CELL INFORMATION

(51) International classification	:H04W48/12
(31) Priority Document No	:61/080,015
(32) Priority Date	:11/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/040397
Filing Date	:13/04/2009
(87) International Publication No	:WO/2010/005612
(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)DESHPANDE Manoj M.
2)BALASUBRAMANIAN Srinivasan
3)CHEN Jen Mei
4)YOON Young C.

(57) Abstract :

A femto cell neighbor list message for a wireless communication system that includes the frequencies and pseudonoise offsets reserved for macro cells and femto cells is disclosed. When the user equipment discovers the femto cell the user equipment can read the femto Cell identification Message and present the identification information to the subscriber. In absence of this knowledge, a manual femto cell search must search all frequencies and all pseudonoise offsets resuming in lengthy search times.

No. of Pages : 44 No. of Claims : 77

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2010

(21) Application No.8469/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : APPARATUS AND METHOD OF A DISTRIBUTED CAPITAL SYSTEM

(51) International classification	:G06Q20/00
(31) Priority Document No	:60/356,148
(32) Priority Date	:14/02/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2003/004424
Filing Date	:14/02/2003
(87) International Publication No	:WO/2003/069444
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filed on	:2019/CHENP/2004 :10/09/2004

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Address of Applicant :260 MADISON AVENUE,STREET,FLOOR 8, NEW YORK CITY,NY 10016, UNITED STATES OF AMERICA

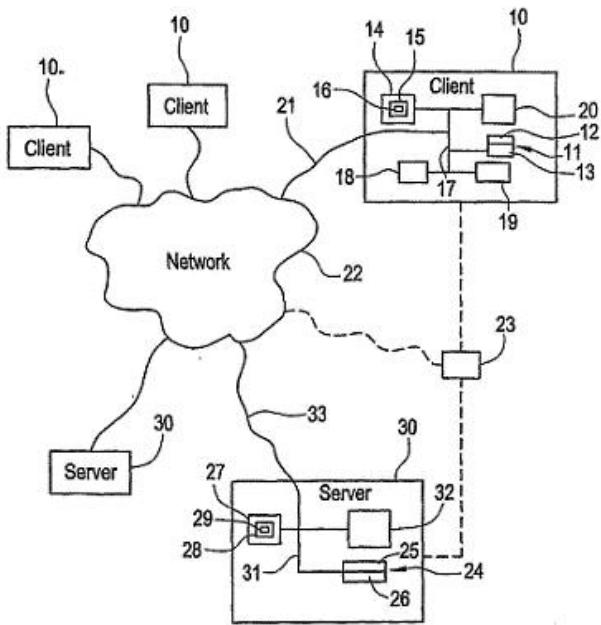
(72)Name of Inventor :

1)PESSIN Zachary

(57) Abstract :

Methods, systems, and articles of manufacture consistent with the present invention provide for conducting financial transactions over a network (22). A user (10) requests to execute at least one financial transaction with at least one of a number of parties, each of the parties corresponding to a data processing system on the network (22). Real-time financial information relating to the financial transaction is obtained, and the user can test and confirm that the financial transaction with the at least one party can take place prior to execution of the financial transaction. (Fig.3)

FIG. 3



No. of Pages : 161 No. of Claims : 116

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.8524/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : CONCENTRATOR FOR MULTIPLEXING ACCESS POINT TO WIRELESS NETWORK CONNECTIONS

(51) International classification	:H04W76/02	(71) Name of Applicant :
(31) Priority Document No	:61/074,978	1)QUALCOMM Incorporated
(32) Priority Date	:23/06/2008	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714 USA.
(86) International Application No	:PCT/US2009/048312	(72) Name of Inventor :
Filing Date	:23/06/2009	1)SINGH Damanjit
(87) International Publication No	:WO/2010/008854	2)HORN Gavin B.
(61) Patent of Addition to Application Number	:NA	3)SONG Osok
Filing Date	:NA	4)TINNAKORNSRISUPHAP Peerapol
(62) Divisional to Application Number	:NA	5)GUPTA Rajarshi
Filing Date	:NA	

(57) Abstract :

Systems and methodologies are described that facilitate multiplexing communications from multiple downstream access points to one or more upstream access points. In particular, a concentrator component is provided that can establish a single transport layer connection with an upstream access point along with multiple application layer connections over the single transport layer connection for each of multiple downstream access points and/or related mobile devices. The downstream access points and/or mobile devices can provide identifiers to the concentrator component, which can utilize the identifiers to track communications with the upstream access points. In this regard, the upstream access points can additionally include identifiers received from the concentrator component in subsequent communications to facilitate identifying the appropriate downstream access point and/or mobile device.

No. of Pages : 74 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.8525/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD AND APPARATUS FOR RENDERING AMBIENT SIGNALS

(51) International classification	:H04R3/00
(31) Priority Document No	:61/083,449
(32) Priority Date	:24/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/032883
Filing Date	:02/02/2009
(87) International Publication No	:WO/2010/011364
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)QUALCOMM Incorporated

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(72)**Name of Inventor :**

1)GARUDADRI Harinath

2)MAJUMDAR Somdeb

(57) Abstract :

An apparatus and method for communications is disclosed. The apparatus includes a receiver configured to scale an audio signal, and a transducer circuit configured to provide an ambient signal in response to an ambient condition, wherein the receiver is further configured to scale the ambient signal from the transducer circuit and combine the scaled ambient signal with the scaled audio signal, the receiver being further configured to adjust the scaling applied to at least one of the ambient and audio signals.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.8526/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMIT AND RECEIVE CLOCK MISMATCH COMPENSATION

(51) International classification	:H04J3/06	(71) Name of Applicant :
(31) Priority Document No	:61/083,466	1)QUALCOMM Incorporated
(32) Priority Date	:24/07/2008	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714 USA.
(86) International Application No	:PCT/US2009/032862	(72) Name of Inventor :
Filing Date	:02/02/2009	1)JULIAN David Jonathan
(87) International Publication No	:WO/2010/011363	2)GARUDADRI Harinath
(61) Patent of Addition to Application Number	:NA	3)MAJUMDAR Somdeb
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus and method for processing signals are disclosed. The apparatus may include an oversampling circuit configured to receive a plurality of audio signal samples, the oversampling circuit being further configured to replicate each of the audio signal samples n times, wherein n is variable

No. of Pages : 25 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.8527/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : CONCENTRATOR FOR MULTIPLEXING ACCESS POINT TO WIRELESS NETWORK CONNECTIONS

(51) International classification	:H04W68/00
(31) Priority Document No	:61/074,978
(32) Priority Date	:23/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/048316
Filing Date	:23/06/2009
(87) International Publication No	:WO/2010/008856
(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)SINGH Damanjit

2)HORN Gavin B.

3)SONG Osok

4)TINNAKORNSRISUPHAP Peerapol

5)GUPTA Rajarshi

(57) Abstract :

Systems and methodologies are described that facilitate multiplexing communications from multiple downstream access points to one or more mobility management entities (MME). In particular, a concentrator component is provided that can establish a single transport layer connection with an MME along with multiple application layer connections over (he single transport layer connection for each of multiple downstream access points and/or related mobile devices. The downstream access points and/or mobile devices can provide identifiers, such as tracking identifiers, to the concentrator r component which can utilize the identifiers lo track communications with the MME. In this regard, the MME can send paging messages, and the concentrator component can determine downstream access points related to the paging messages based on a stored association with a tracking identifier in the paging message.

No. of Pages : 65 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.8528/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SWITCHING POWER AMPLIFIER FOR QUANTIZED SIGNALS

(51) International classification	:H03F3/217
(31) Priority Document No	:61/083,470
(32) Priority Date	:24/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/051229
Filing Date	:21/07/2009
(87) International Publication No	:WO/2010/011636
(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)GARUDADRI Harinath

2)MAJUMDAR Somdeb

3)BUTTERFIELD Daniel Keyes

4)TANG Yi

5)MARTHANDA Sanjay

(57) Abstract :

An apparatus and method for communications are disclosed. The apparatus may include an a quantizer having three levels, and a switching power amplifier configured to drive a load having first and second terminals, wherein the switching power amplifier is further configured to switch the first and second terminals between first and second power rails only if the output from the quantizer is at one of the three levels.

No. of Pages : 24 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8382/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : FAST CURING VULCANIZABLE MULTI-PART ELASTOMER COMPOSITION, AND PROCESS FOR BLENDING, INJECTION MOLDING AND CURING OF ELASTOMER COMPOSITION

(51) International classification	:C08L67/02
(31) Priority Document No	:12/167,243
(32) Priority Date	:02/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/048525
Filing Date	:24/06/2009
(87) International Publication No	:WO/2010/002671
(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 :P.O. Box 37620 Louisville KY 40233-7620 US U.S.A.

(72)Name of Inventor :

1)MANLEY Paul E.

2)SMITH Charles T.

(57) Abstract :

A process for providing a last curing vulcanizable multi-part rubber compound comprising feeding simultaneously streams of a first rubber compound, a second rubber compound, and optionally one or more additional rubber compound into an injection chamber of an injection press where the streams of rubber are combined, injecting the combined streams of rubber from the injection chamber at a pressure of at least 10,000 psi into a motionless mixer provided downstream of the injection, and feeding the blended rubber stream into a mold provided downstream of the motionless mixer. The first, second and optional additional rubber compounds exhibit a ts2 value of at least 1.5 minutes when measured at 190 degree C. The first rubber compound, the second rubber compound and the optional additional rubber compound are kept separate from each other until the fast-curing vulcanizable multi-part rubber compound is used.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8435/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SLEEP APPLIANCE

(51) International classification	:A61F5/56
(31) Priority Document No	:61/075,508
(32) Priority Date	:25/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/048495
Filing Date	:24/06/2009
(87) International Publication No	:WO/2009/158424
(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)KEROPIAN Bryan

(57) Abstract :

A dental oral appliance for patients who suffer with sleep disorders, to reduce or eliminate snoring or obstructive sleep apnea and keep the airways open during sleep. Retention for the appliance is provided by an occlusal coverage of the upper or lower teeth. A raised incisor ramp that extends from the incisal tip (biting edge) of the incisors toward the lingual, or posterior ramps, separate the upper and lower teeth to open the airway. A transpalatal bar, which extends from the inside (lingual) of the right molars to the inside of the left molars, inhibits the upward/backward movement of the tongue. A longitudinal tongue restrainer is attached to the raised incisor ramp or the front of the appliance at the anterior end, and extends above, below or through the transpalatal bar near the posterior end, and aids in inhibiting and restraining the upward/backward movement of the tongue. Fig. 1

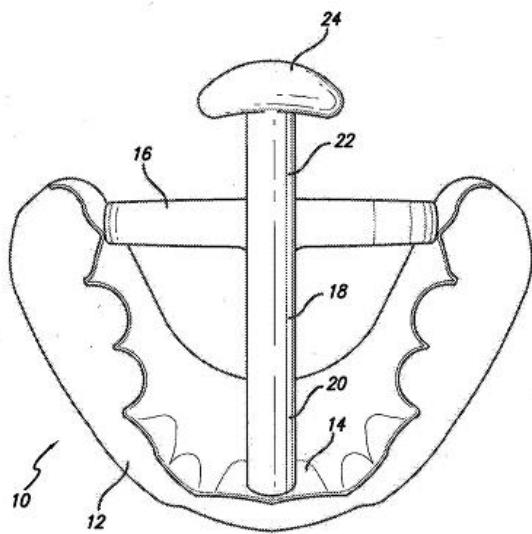


FIG. 1

No. of Pages : 58 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8449/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : NOVEL SUBSTITUTED PYRIDIN-2-ONES AND PYRIDAZIN-3-ONES

(51) International classification	:C07D413/14
(31) Priority Document No	:61/075,277
(32) Priority Date	:24/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP09/057320
Filing Date	:15/06/2009
(87) International Publication No	:WO 2009/156284
	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)DEWDNEY, NOLAN, JAMES

2)KONDRU, RAMA, K.

3)LOE, BRADLEY E.

4)LOU, YAN

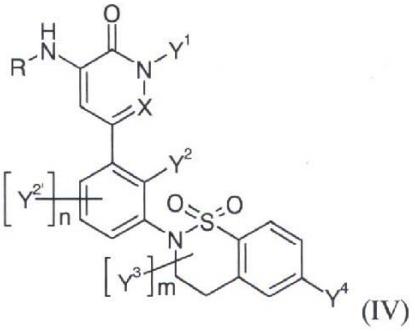
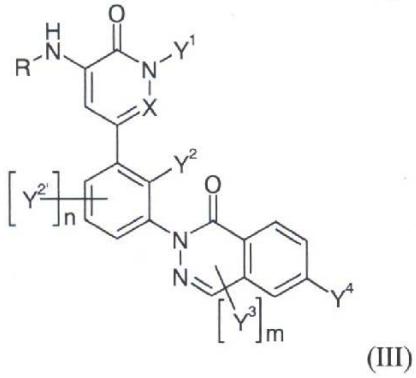
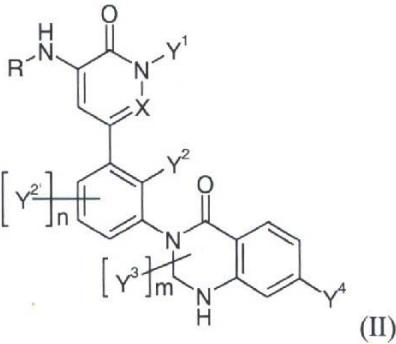
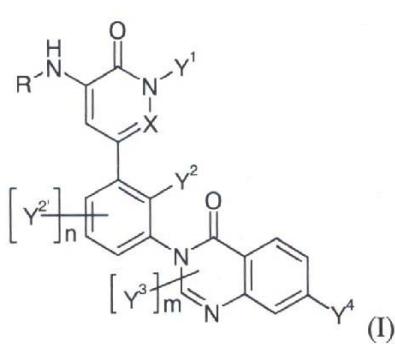
5)MCINTOSH, JOEL

6)OWENS, TIMOTHY D.

7)SOTH, MICHAEL

(57) Abstract :

This invention discloses 5-phenyl-1H-pyridin-2-one and 6-phenyl-2H-pyridazin-3-one derivatives according to generic Formulae I-IV: wherein variables R, X, Y1, Y2, Y3, Y4, n and m are defined as described herein, which inhibit Btk. The compounds disclosed herein are useful to modulate the activity of Btk and treat diseases associated with excessive Btk activity. The compounds are further useful to treat inflammatory and auto immune diseases associated with aberrant B-cell proliferation such as rheumatoid arthritis. Also disclosed are compositions comprising compounds of Formulae I-IV and at least one carrier, diluent or excipient. Fig



No. of Pages : 69 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.8530/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD AND APPARATUS FOR ENSURING IPV6 UNIQUENESS IN A MOBILE SUBNETTED ENVIRONMENT

(51) International classification	:H04L29/12	(71) Name of Applicant :
(31) Priority Document No	:61/075,127	1)QUALCOMM Incorporated Address of Applicant :Attn: International IP Administration
(32) Priority Date	:24/06/2008	5775 Morehouse Drive San Diego California 92121-1714 USA.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2009/048516	1)TREMAINE Michael C.
Filing Date	:24/06/2009	2)KHAN Irfan Anwar
(87) International Publication No	:WO/2010/008898	3)BABBAR Uppinder Singh
(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 apparatus for ensuring network address uniqueness is described herein. An address manager determines whether any Sink-local addresses associated with peripheral devices connected to a mobile device would conflict with a network assigned global address. The address manager negotiates with the network to avoid conflicts.

No. of Pages : 30 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.8531/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD AND APPARATUS FOR REDUCING AUDIO ARTIFACTS

(51) International classification

:H03G3/34

(31) Priority Document No

:61/083,454

(32) Priority Date

:24/07/2008

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2009/032846

Filing Date

:02/02/2009

(87) International Publication No

:WO/2010/011362

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

An apparatus and method for processing signals are disclosed. The apparatus may include a receiver configured to receive an audio signal having a plurality of audio artifacts, and an audio circuit configured to reduce the audio artifacts during at least a portion of a time period as a function of an energy level of the audio signal during that time period.

No. of Pages : 26 No. of Claims : 37

(71)Name of Applicant :

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(72)Name of Inventor :

1)MAJUMDAR Somdeb

2)GARUDADRI Harinath

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8455/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SECURITY MESSAGE PROCESSING

(51) International classification	:H04W12/06
(31) Priority Document No	:12/128,391
(32) Priority Date	:28/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/044978
Filing Date	:22/05/2009
(87) International Publication No	:WO 2009/154947
	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)CHAUDHRY, JAY

2)RAPHEL, JOSE

3)KAILASH, KAILASH

4)UDUPA, SIVAPRASAD

(57) Abstract :

Systems, methods and apparatus for handling security messages in a distributed security system. Requests, replies, and/or updates have varying time constraints. Processing node managers and authority node managers determine the best transmission times and/or the ignoring of such data to maximize information value.

No. of Pages : 62 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8459/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A FLOW SYSTEM OF A DIALYSIS DEVICE AND A PORTABLE DIALYSIS DEVICE

(51) International classification	:A61M1/28
(31) Priority Document No	:61/074,997
(32) Priority Date	:23/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/SG2009/000230 :22/06/2009
(87) International Publication No	:WO 2009/157878 A1
(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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- 2)BLUCHEL, CHRISTIAN GERT
- 3)CHEW, LAY LENG
- 4)CHUA, KEE KIAT
- 5)HO, LAI CHING, HELEN
- 6)LEE, KENG HONG
- 7)LIN, LIUTONG
- 8)TANG, WENG CHEONG, ROY
- 9)YUE, KENG MUN
- 10)WONG, KIM JYH
- 11)CHUA, CHENG LAM

(57) Abstract :

There is provided a flow system of a dialysis device comprising: a dialysate conduit which is capable of being in fluid communication with the peritoneal cavity of a patients body and of being in fluid communication with a flow path, said flow path allowing dialysate to flow from a patients body to a sorbent capable of removing contaminants within said dialysate in an outflow mode and in an inflow mode returning said dialysate substantially free of contaminants to said patients body; a pump for moving said dialysate along said flow path in both the outflow mode and inflow mode; and a plurality of valves disposed along said flow path and being configured to, in the outflow mode, allow said dialysate to flow from said dialysate conduit to said sorbent for removal of contaminants therein, and in the inflow mode, allow dialysate substantially free of said contaminants to flow back to said dialysate conduit for transmission to said patients body. There is also provided a portable dialysis device comprising a housing having means for attachment to a patients body, the housing comprising the flow system disclosed above. FIG.5A

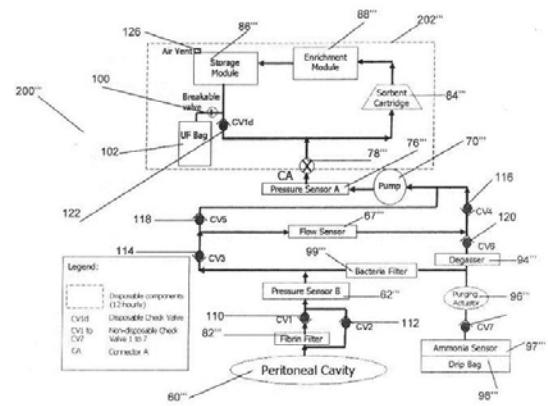


Fig. 5a

No. of Pages : 77 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.8560/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : FLASH POSITION SIGNALING MULTIPLEXING AND INTERFERENCE MANAGEMENT

(51) International classification	:H04L5/00
(31) Priority Document No	:61/080,077
(32) Priority Date	:11/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/049314
Filing Date	:30/06/2009
(87) International Publication No	:WO/2010/005839
(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)VISWANATH Pramod

2)BHUSHAN Naga

(57) Abstract :

Systems and methodologies are described that facilitate use of power and phase coherence to multiplex or manage interference in a wireless communication environment. In accordance with various aspects set forth herein, systems and/or methods are provided that receive a spectrum of tones that include additional data, ascertain whether or not lone intensities of received tones included in the spectrum of tones exceeds a threshold, based on whether or not the tone intensities of the received tones exceed the threshold, decode information included in the received tones to extract the additional data, and thereafter decode information included in one or more remaining tones that fail to exceed the threshold in order to extract primary data.

No. of Pages : 51 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2010

(21) Application No.7941/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : MEDICAL WORKFLOW SYSTEMS AND METHODS WITH PROCESS WORKFLOW RECORDATION

(51) International classification	:G06F19/00
(31) Priority Document No	:61/054,858
(32) Priority Date	:21/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/051989
Filing Date	:13/05/2009
(87) International Publication No	:WO/2009/141768
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

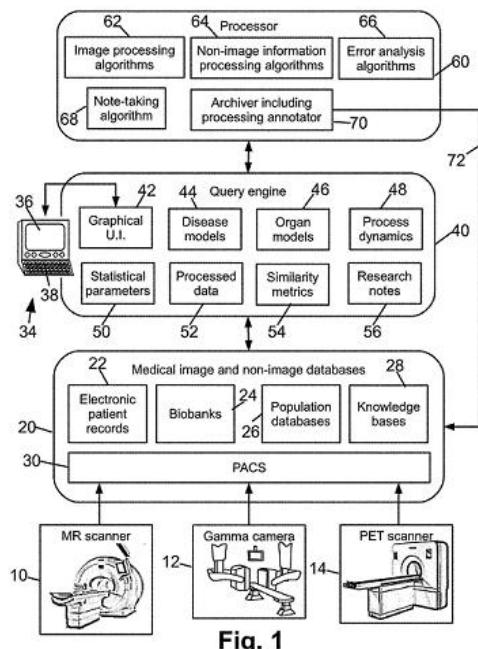
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Address of Applicant :GROENEWOUDSEWEG 1
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(72)Name of Inventor :

1)RANJAN Uma S.
2)FISCHER Alexander
3)BUCKLER Andrew J.
4)XIE Shuping.
5)RAMASWAMY Shivakumar Kunigal

(57) Abstract :

A medical information processing and storage system includes a medical images database (30) storing medical images and metadata relevant to the medical images. A processor (60) is configured to perform post-acquisition image processing on medical images. A medical images archiver (70) is configured to store a medical image in the medical images database after the medical image has been processed by the processor. The medical images archiver stores the medical image in the database with processing-descriptive metadata that is descriptive of the post-acquisition image processing performed on the medical image by the processor. Fig. 1



No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8257/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : UTILIZING SYSTEM ACCESS SEQUENCES TO REQUEST RESOURCES FOR GCI REPORTING IN WIRELESS NETWORKS

(51) International classification	:H04W36/08	(71) Name of Applicant :
(31) Priority Document No	:61/074,957	1)QUALCOMM Incorporated
(32) Priority Date	:23/06/2008	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714 USA.
(86) International Application No	:PCT/US2009/048318	(72) Name of Inventor :
Filing Date	:23/06/2009	1)AGASHE Parag A.
(87) International Publication No	:WO/2010/008857	2)BARANY Peter A.
(61) Patent of Addition to Application Number	:NA	3)GUPTA Rajarshi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methodologies are described that facilitate indicating global cell identifier (GCI) reporting in wireless communication to mitigate confusion caused by physical cell identifier (PCI) reporting in heterogeneous deployments. In particular, mobile devices can report GCI of access points to disparate access points to facilitate communication there between, such as during handover. Mobile devices can indicate GCI reporting during a system access request by selecting an access sequence corresponding to subsequent GCI reporting. Based on the access sequence, an access point can grant additional resources to receive the GCI, and the mobile device can communicate GCI over the resources. Using the GCI, the access point can communicate with a disparate access point related to the GCI.

No. of Pages : 50 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8420/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : USER INTERFACE DEVICE FOR CONTROLLING A CONSUMER LOAD AND LIGHT SYSTEM USING SUCH USER INTERFACE DEVICE

(51) International classification	:H05B33/08
(31) Priority Document No	:08104341.6
(32) Priority Date	:10/06/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/052338
Filing Date	:03/06/2009
(87) International Publication No	:WO/2009/150572
(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)DIEDERIKS Elmo M. A.

(57) Abstract :

The invention relates to a user interface device for controlling an electrical consumer, in particular, a light system (545). Further, it relates to light system using such user interface device. To provide a user interface device for controlling a light system (545), which could be easily operated and provides the possibility to recognize a selected preset in all areas of the display device (112), a user interface device for controlling a consumer load (545) is proposed, comprising: an input device (111); and a display device (112), wherein the input device (111) and the display device (112) are arranged internested to each other in one common layer or in two layers respectively stacked on each other. The display device (112) is adapted to display at least a first colored scale (210) indicating a first range of values adjustable by an user input on the first colored scale (210) and to display a first feedback indicator (215) within the first colored scale (210) indicating the current value of the first range of values output by the user interface device to a consumer load (545). Fig. 2

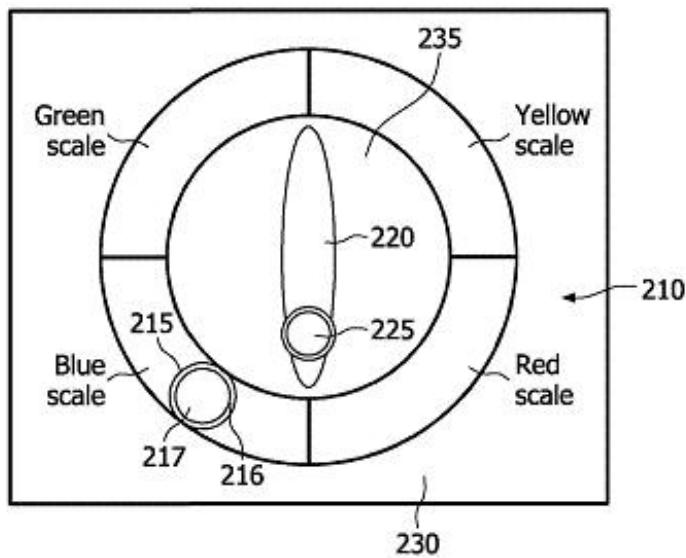


FIG. 2

No. of Pages : 21 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.8556/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : TREATMENT

(51) International classification	:A61K31/26
(31) Priority Document No	:0811992.7
(32) Priority Date	:01/07/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/001593
Filing Date	:25/06/2009
(87) International Publication No	:WO/2010/001096
(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)OKENNEDY Niamh

2)MITHEN Richard

(57) Abstract :

The present invention concerns compositions that may be used in the prevention or treatment of medical conditions characterised by having an inflammatory component. The compositions comprise a therapeutically effective amount of an isothiocyanate (ITC). The composition may comprise further anti-inflammatory agents (e.g. plant- derived polyphenols).

No. of Pages : 68 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.8557/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : RADIO FREQUENCY DIVIDER AND COMBINER

(51) International classification	:H01P5/19
(31) Priority Document No	:0811990.1
(32) Priority Date	:01/07/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/050579
Filing Date	:28/05/2009
(87) International Publication No	:WO/2010/001143
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VIDITECH AG

Address of Applicant :Siriusstrasse 10 8044 Zurich Switzerland

(72)Name of Inventor :

1)FORREST JAMES BROWN

(57) Abstract :

Disclosed is a radio-frequency divider comprising: an input port; and two output ports, separated by a bridge bar, wherein the divider is arranged in microstrip form and the microstrip structure takes the form of a generally tapering section connecting the input port to the bridge bar such that the input port is positioned at the relatively thinner end of the tapering section and the bridge bar is positioned at the relatively wider end of the tapering section. Also disclosed is a corresponding method. The divider is able to operate equally as a combiner. Figure 2

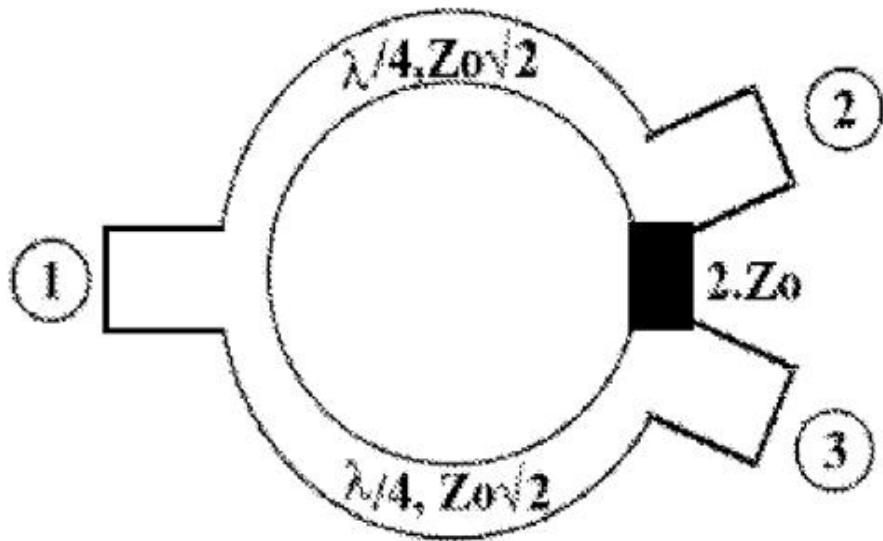


FIG.1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.8529/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : CAVITATION ASSISTED SONOCHEMICAL HYDROGEN PRODUCTION SYSTEM

(51) International classification	:C25B1/04
(31) Priority Document No	:12/166,979
(32) Priority Date	:02/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/049040
Filing Date	:29/06/2009
(87) International Publication No	:WO/2010/002781
(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)KIRCHOFF James A.
- 2)MARQUES Jose L.
- 3)NOTTKE Francis A.
- 4)SELIGMANN Randolph E.
- 5)VASQUEZ Peter D.

(57) Abstract :

A method and apparatus of producing hydrogen is disclosed comprising applying an electrical current to flow through an aqueous solution. Cavitation is generated within the aqueous solution, where the cavitation lowers an amount of energy required to break chemical bonds of said aqueous solution. Fig. 1

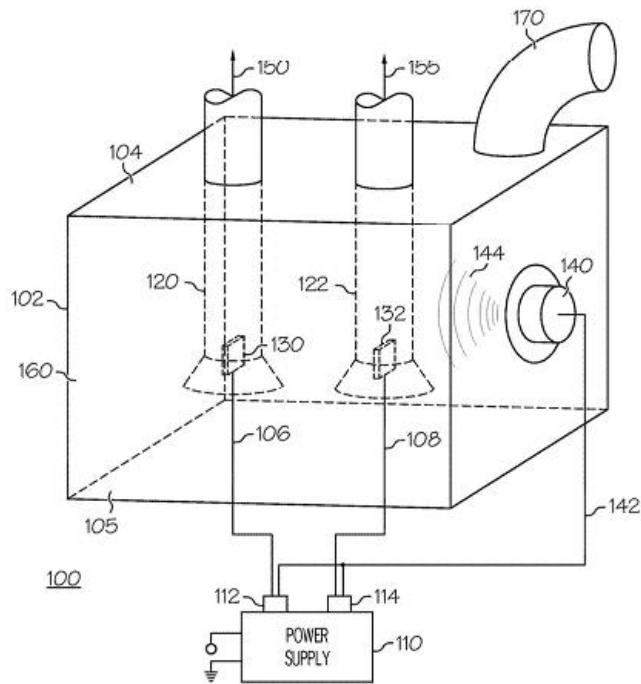


FIG. 1

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/12/2010

(21) Application No.8583/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PROKARYOTIC XYLOSE ISOMERASE FOR THE CONSTRUCTION OF XYLOSE FERMENTING YEASTS

(51) International classification	:C12N 5/10	(71) Name of Applicant :
(31) Priority Document No	:10 2008 031 350.5	1)JOHANN WOLFGANG GOETHE-UNIVERSITÄT, FRANKFURT AM MAIN
(32) Priority Date	:02/07/2008	Address of Applicant :Senckenberganlage 31 60325 Frankfurt am Main (DE) Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2009/004762	1)BRAT DAWID 2)BOLES ECKHARD 3)KELLER MARCO 4)WIEDEMANN BEATE
Filing Date	:01/07/2009	
(87) International Publication No	:WO/2010/000464	
(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 use of nucleic acid molecules coding for a bacterial xylose isomerase (XI), preferably coming from Clostridium phytofermentans, for reaction/metabolization, particularly fermentation, of recombinant microorganisms of biomaterial containing xylose, and particularly for the production of bioalcohols, particularly bioethanol, by means of xylose fermenting yeasts. The present invention further relates to cells, particularly eukaryotic cells, which are transformed utilizing a nucleic acid expression construct which codes for a xylose isomerase, wherein the expression of the nucleic acid expression construct imparts to the cells the capability to directly isomerize xylose into xylulose. Said cells are preferably utilized for reaction/metabolization, particularly fermentation, of biomaterial containing xylose, and particularly for the production of bioalcohols, particularly bioethanol. The present invention also relates to methods for the production of bioethanol, and to methods for the production of further metabolization products, comprising the metabolism of media containing xylose.

No. of Pages : 49 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/12/2010

(21) Application No.8584/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : AN IMPLANTABLE MATERIAL FOR THE REPAIR, AUGMENTATION, OR REPLACEMENT OF BONE AND A METHOD FOR THE PREPARATION THEREOF

(51) International classification	:A61L27/22, A61L27/46, A61L27/56	(71) Name of Applicant : 1)ORTHOX LIMITED Address of Applicant :184 Milton Park Abingdon Oxfordshire OX14 4SE United Kingdom
(31) Priority Document No	:0811542.0	(72) Name of Inventor :
(32) Priority Date	:24/06/2008	1)KNIGHT David
(33) Name of priority country	:U.K.	2)SKAER Nicholas
(86) International Application No Filing Date	:PCT/GB2009/050727 :24/06/2009	3)COLLINS Andrew
(87) International Publication No	:WO/2009/156760	4)GHEYSENS Tom Louis Dirk
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for the preparation of an implantable material for the repair, augmentation or replacement of bone from a fibroin solution, the method comprising the steps of: preparing a gel from the fibroin solution; preparing a material by subjecting the gel to one or more steps of freezing and thawing the gel, wherein the step of preparing the gel from the fibroin solution is performed in the presence of phosphate ions. The material may be treated with calcium ionstoform a fibroin-apatite. A further method comprises the step of treating the material with an isocyanate. The invention also extends to a method for the preparation of an implantable material, wherein a regenerated fibroin solutionis used. Also, there is an implantable material and an implant.

No. of Pages : 61 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8585/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SELF-MANAGEMENT OF LOCAL RESOURCES ALLOCATED REMOTELY

(51) International classification	:G06F15/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2008/068314
Filing Date	:26/06/2008
(87) International Publication No	:WO/2009/157933
(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)Jeffrey Joel WALLS
2)Byron A. ALCORN
3)Thomas J. FLYNN
4)Roland M. HOCHMUTH

(57) Abstract :

Systems, methods, and other embodiments associated with persisting information concerning per-user, per-connection display configuration control are described. One example method includes identifying services that provide outputs to be displayed to an identified user on displays available to the identified user. Services are provided by remotely located computers. The example method may also include establishing a display control parameter based on a stored mapping that persistently relates services, outputs, displays, and users. The mapping stores information concerning the parameter as configured by the identified user during a previous session. The example method may also include controlling the display of the output on the display based on the parameter. [Figure 5]

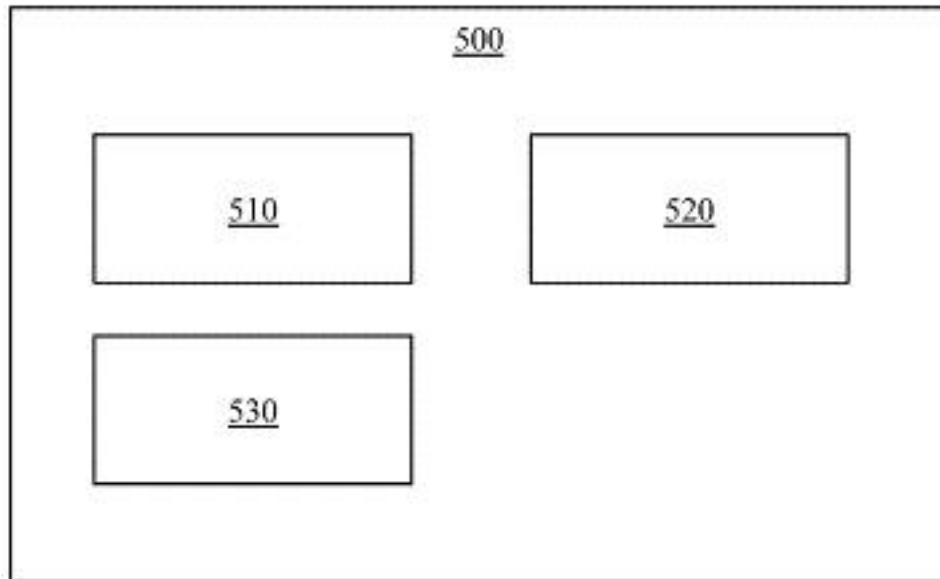


Figure 5

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.8532/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : APPARATUS, AND ASSOCIATED METHOD, FOR DETECTING FRAUDULENT TEXT MESSAGE

(51) International classification	:G06Q50/00
(31) Priority Document No	:12/192,913
(32) Priority Date	:15/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/052668
Filing Date	:04/08/2009
(87) International Publication No	:WO/2010/019410
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)Marie RISOV

(57) Abstract :

An apparatus, and an associated method, detects spam and other fraudulent messages sent to a recipient station. The textual portion of a received message is analyzed to determine whether the message includes errors made by non-native language speakers when authoring a text message. A text analysis engine analyzes the text using rules sets that identify grammatical errors made by non-native language speakers, usage errors made by non-native language speakers, and other errors. [Figure 3]

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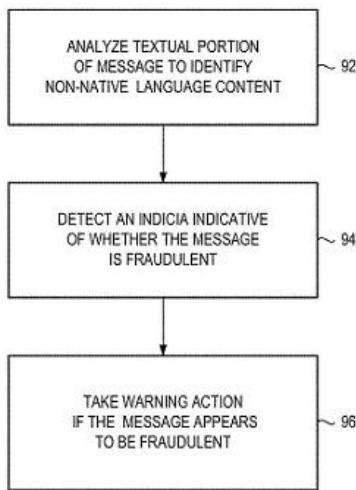


FIG. 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/12/2010

(21) Application No.8591/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : DISPLAY CONFIGURATION METHOD FOR A REMOTE VISUALIZATION SYSTEM

(51) International classification	:G06F3/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2008/068914
Filing Date	:01/07/2008
(87) International Publication No	:WO/2010/002399
(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)Roland M. HOCHMUTH

2)Byron A. ALCORN

(57) Abstract :

A display method is provided for a remote visualization system (100) including a remote computer (120) and a local computer (140). The method includes the steps of: detecting a quantity of physical displays (160) connected with the local computer (140); specifying a physical display of the physical displays (160) for displaying a visualization window that is operable for accessing resources of the remote computer; according to the specifying step, communicating to the remote computer (120) attributes which define the specified physical display; according to the communicating step, generating a virtual display at the remote computer (120), the virtual display matching the communicated attributes; substantially simultaneously with the generating step, displaying a visualization window on the specified physical display; and mapping the virtual display to the visualization window. [FIG. 2]

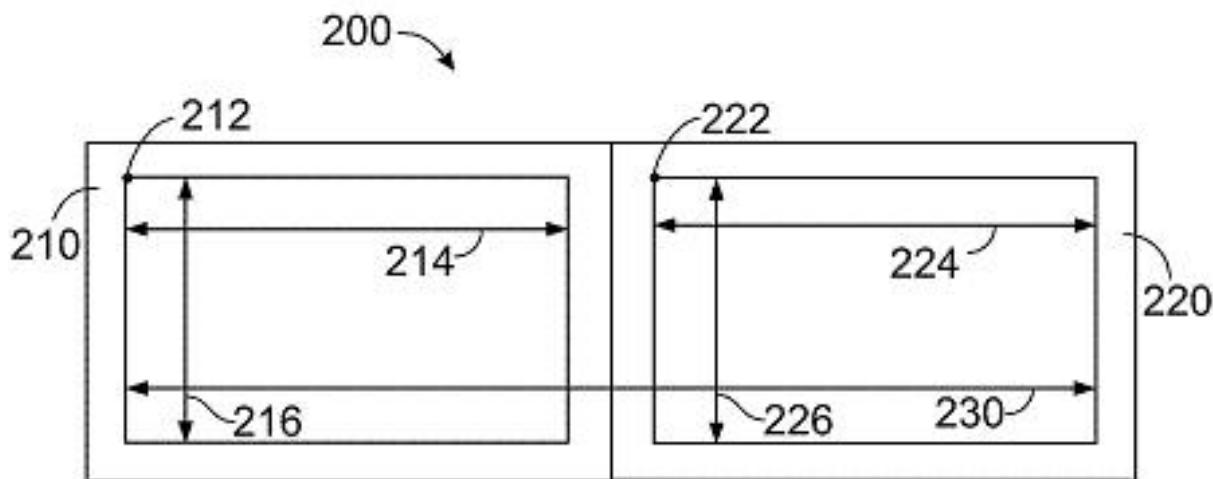


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/12/2010

(21) Application No.8592/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SYSTEM AND METHOD FOR NETWORK MANAGEMENT

(51) International classification	:H04W24/00
(31) Priority Document No	:61/083,840
(32) Priority Date	:25/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/051759
Filing Date	:24/07/2009
(87) International Publication No	:WO/2010/011973
(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)JI Tingfang

(57) Abstract :

Various systems and methods for network management are disclosed. In one embodiment, a network management system comprises a receiver for receiving data from a plurality of entities, including base stations and/or subscriber handsets, a processor for generating a network map or a recommendation based on the received data, a display device for displaying the network map or recommendation, and a transmitter for transmitting instructions based on the recommendation

No. of Pages : 70 No. of Claims : 89

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8593/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : NOVEL POLYMORPHS OF SAQUINAVIR

(51) International classification	:C07D217/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IN2009/000109
Filing Date	:17/02/2009
(87) International Publication No	:WO 2010/095142
(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)RAJI REDDY, RAPOLU**
- 4)MURALIDHARA REDDY, DASARI**
- 5)SUBASH CHANDER REDDY, KESIREDDY**
- 6)SRINIVASA REDDY, BHIMIREDDY**

(57) Abstract :

The present invention provides novel polymorphs of saquinavir, processes for their preparation and pharmaceutical compositions comprising them. The present invention also provides a process for purification of saquinavir. The present invention further provides a novel process for preparation of known saquinavir crystalline form I.

No. of Pages : 20 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8594/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : NOVEL POLYMORPH OF ATAZANAVIR SULFATE

(51) International classification	:C07D213/56
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IN2009/000034
Filing Date	:12/01/2009
(87) International Publication No	:WO 2010/079497
(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)RAJI REDDY, RAPOLU**
 - 4)MURALIDHARA REDDY, DASARI**
 - 5)SUBASH CHANDER REDDY, KESIREDDY**
-

(57) Abstract :

The present invention provides a novel crystalline form of atazanavir sulfate, process for its preparation and to pharmaceutical composition containing it. In accordance with the present invention atazanavir sulfate was dissolved in methanol, to the solution was added ethyl acetate, the solid obtained was collected by filtration and dried to give atazanavir sulfate crystalline form H1.

No. of Pages : 10 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8595/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ANTI-CD27 ANTIBODY

(51) International classification	:C07K16/28
(31) Priority Document No	:2008-171353
(32) Priority Date	:30/06/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP09/061996
Filing Date	:30/06/2009
(87) International Publication No	:WO 2010/001908
	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)FURUYA, AKIKO
5)KANDA, YUTAKA
6)SATOH, MITSUO

(57) Abstract :

The present invention provides a monoclonal antibody which specifically recognizes CD27 containing an O-linked sugar chain to which galactose is not bound and binds to its extracellular region, or a method for using the same. The present invention can provide a monoclonal antibody or an antibody fragment thereof, which specifically recognizes a polypeptide encoded by CD27 gene containing an O-linked sugar chain to which galactose is not bound, and binds to its extracellular region; a hybridoma which produces the antibody; a DNA which encodes the antibody; a vector which comprises the DNA; a transformant obtainable by transforming the vector; a process for producing an antibody or an antibody fragment thereof using the hybridoma or the transformant; and a diagnostic agent or a therapeutic agent comprising the antibody or the antibody fragment thereof as an active ingredient.

No. of Pages : 206 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.8558/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A METHOD, APPARATUS AND SYSTEM FOR ADJUSTING MULTIMEDIA ENCODING RATE

(51) International classification	:H04L29/02
(31) Priority Document No	:200810068194.3
(32) Priority Date	:30/06/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/072130
Filing Date	:04/06/2009
(87) International Publication No	:WO/2010/000168
(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)LIU Ying

3)YU Delei

4)XIONG Lixia

5)YANG Daoyan

(57) Abstract :

A method, an apparatus, and a system for adjusting a multimedia encoding rate are disclosed. The method includes: obtaining an expected multimedia encoding rate by using the network available bandwidth corresponding to the transmission path of a multimedia service, the expected QoE of the multimedia service, and the current multimedia encoding rate as input parameters and according to a preset multimedia resource policy decision, where the expected multimedia encoding rate is used as a reference for adjusting the current multimedia encoding rate. With the present invention, under the current network performance, an optimal point for balancing the effects of the media encoding rate and the network performance on the QoE is found by adjusting the multimedia encoding rate, thus achieving optimal QoE. In this way, the adjustment process is simple and fast and the success rate is high, thus improving the QoE,

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8600/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : CONNECTING A STORAGE SUBSYSTEM AND AN ELECTRONIC DEVICE WITH A CONTROL DEVICE THAT HIDES DETAILS OF THE STORAGESUBSYSTEM

(51) International classification	:G06F13/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2008/071417
Filing Date	:29/07/2008
(87) International Publication No	:WO/2010/014079
(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)Paul A. BOERGER

(57) Abstract :

An apparatus includes an external interface port (110) to connect to an external electronic device (104), where the external interface port (110) is to communicate over a communications path with the external electronic device (104) according to a serial communication protocol. The apparatus has a control device (100) to hide details of the storage subsystem from the external electronic device. The control device is configured to perform at least one of (1) expanding a storage capacity of at least one logical storage volume of the storage subsystem, and (2) migrating a portion of data stored in the storage subsystem to a new physical storage device. [Fig. 2]

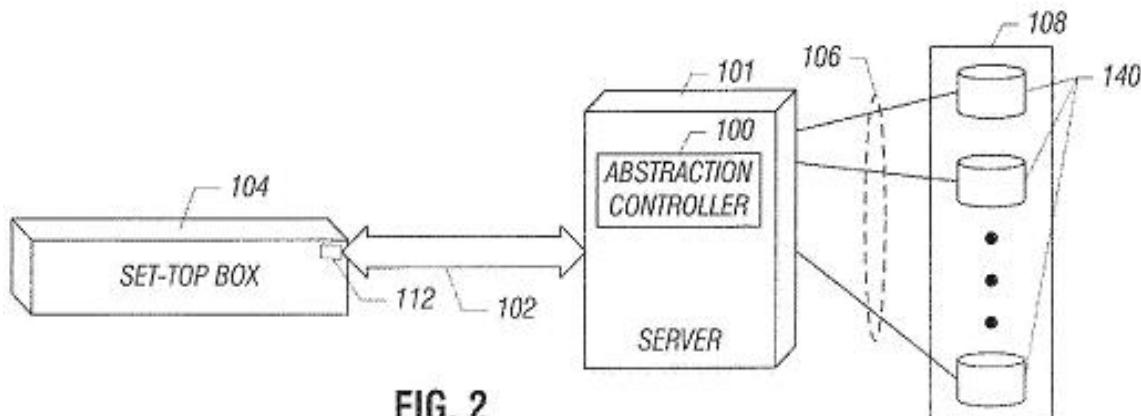


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8601/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : WIPER BLADE

(51) International classification	:B60S1/38
(31) Priority Document No	:10 2008 002 447.3
(32) Priority Date	:16/06/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/055257
Filing Date	:30/04/2009
(87) International Publication No	:WO 2009/153097
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)OP'T RODDT, INIGO

2)DE BLOCK, PETER

3)BEELEN, HANS

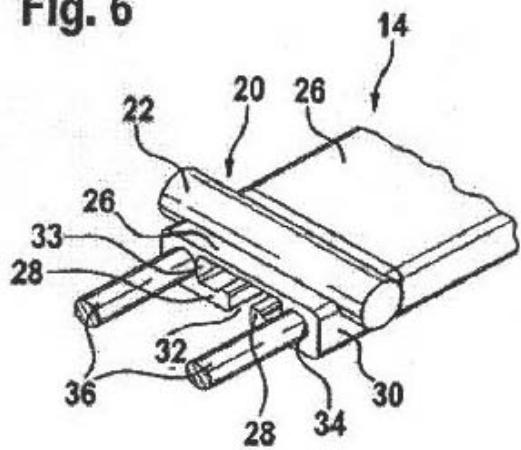
4)FATAN, BART

5)WINDMOLDERS, ERIC

(57) Abstract :

The present subject matter relates to a wiper blade (10) having a support composed of a plurality of support members (12, 14, 16, 18, 20). The wiper blade (10) includes at least one longitudinal channel (34) incorporating a pre-curved elastic supporting element (36, 64) and two parallel retaining rails (28) for a wiper strip (38). The retaining rails (28) are separated by a longitudinal gap (32). The wiper blade (10) further includes a connecting element (50) disposed in a middle region of the wiper blade (10) for an articulated connection to a wiper arm. According to the present subject matter, longitudinal channels (34) are disposed on each external longitudinal side of the retaining rails (28). The longitudinal channels (34) and the retaining rails (28) have a common covering wall (26) and a common separation wall (33) running parallel to the side walls (30). Further, external limits of the retaining rails (28) are perpendicular to the side walls (30) within corresponding limit of the longitudinal channels (34), in each of which a supporting element (36, 64) is disposed.

Fig. 6



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8602/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : GERMANIUM-ENRICHED SILICON MATERIAL FOR MAKING SOLAR CELLS

(51) International classification	:H01L31/00
(31) Priority Document No	:12/140,104
(32) Priority Date	:16/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/047539 :16/06/2009
(87) International Publication No	:WO 2010/005736 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)KIRSCHT, FRITZ

2)ABROSIMOVA, VERA

3)HEUER, MATTHIAS

4)JOUINI, ANIS

5)LINKE, DIETER

6)KAES, MARTIN

7)RAKOTONIAINA, JEAN, PATRICE

8)OUNADJELA, KAMEL

(57) Abstract :

Techniques for the formation of silicon ingots and crystals using silicon feedstock of various grades are described. Common feature is adding a predetermined amount of germanium to the melt and performing a crystallization to incorporate germanium into the silicon lattice of respective crystalline silicon materials. Such incorporated germanium results in improvements of respective silicon material characteristics, mainly increased material strength. This leads to positive effects at applying such materials in solar cell manufacturing and at making modules from those solar cells. A silicon material with a germanium concentration in the range (50-200) ppmw demonstrates an increased material strength, where best practical ranges depend on the material quality generated. FIG.2

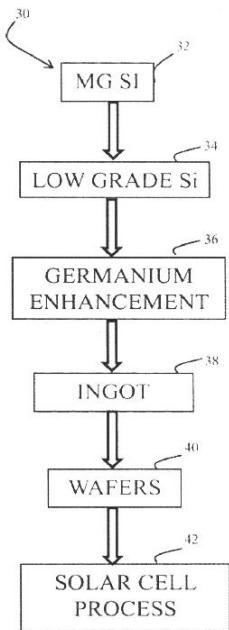


FIG. 2

No. of Pages : 21 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.8561/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A METHOD FOR PACKAGING A DISPLAY DEVICE AND THE DEVICE OBTAINED THEREBY

(51) International classification	:B81C1/00
(31) Priority Document No	:12/146,388
(32) Priority Date	:25/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/048326
Filing Date	:23/06/2009
(87) International Publication No	:WO/2009/158355
(61) 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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(72)**Name of Inventor :**

1)SAMPSELL Jeffrey B.

(57) Abstract :

A method for packaging a display device and the device obtained thereof are disclosed, in one aspect, the method comprises providing a substrate. The method further comprises manufacturing an array of display elements on a back side of the substrate, the array comprising a plurality of posts between the display elements connecting electrodes of the display elements. The method further comprises providing a back plate. The method further comprises sealing the back plate to the back side of the substrate, wherein one or more posts are in contact with the back plate after sealing the back plate to the back side of the substrate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8630/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : DYNAMIC IOT SETPOINTS AND INTERFERENCE CONTROL

(51) International classification	:H04W52/24
(31) Priority Document No	:12/183,957
(32) Priority Date	:31/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/052273
Filing Date	:30/07/2009
(87) International Publication No	:WO/2010/014823
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)**Name of Inventor :**

1)TEAGUE Edward Harrison

(57) Abstract :

Reverse link interference can be controlled by utilizing a dynamic and changeable lot set point, which is a quantitative measurement of total interference received at a base station. The interference can occur when a mobile device in an adjacent sector is communicating over the reverse link. The lot set point can be changed based on conditions occurring in the sector and/or scheduling information for the future. A fast up indicator (Up+) can be transmitted for reverse link interference, which allows the receiving device to take advantage of the fact that additional interference created will not affect the sector. An interference control action can be transmitted in an Other Sector Interference Bill (OSIB) channel over the air or over the backhaul. The interference control action can be determined as a function of the dynamic Iot set point.

No. of Pages : 60 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8631/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD AND APPARATUS FOR REDUCING DATA LOSS DURING HANDOVER IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W36/02
(31) Priority Document No	:12/183,741
(32) Priority Date	:31/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/052278
Filing Date	:30/07/2009
(87) International Publication No	:WO/2010/014828
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)**Name of Inventor :**

1)ERAVELLI Srinivasa Rao

2)CAI Hailiang

3)LIN Yun

(57) Abstract :

Techniques for buffering and resending data in order to reduce data loss during handover are described. A network controller may determine whether or not to buffer data for a user equipment (UE). The network controller may continuously buffer a predetermined amount of latest data sent to a serving Node B if a decision is made to buffer the data for the UE. In one design, the network controller may send data for the UE to a source Node B, perform handover of the UE from the source Node 13 to a target Node B, resend to the target Node B a portion of the data sent previously to the source Node B, and send new data for the UE to the target Node B, e.g., after the resent data. The buffer and resend feature may be selectively enabled or disabled for each data flow for the UE,

No. of Pages : 34 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8632/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : RESOURCE PARTITIONING IN HETEROGENEOUS ACCESS POINT NETWORKS

(51) International classification	:H04W16/10
(31) Priority Document No	:61/085,256
(32) Priority Date	:31/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/052501
Filing Date	:31/07/2009
(87) International Publication No	:WO/2010/014961
(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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5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)**Name of Inventor :**

1)STAMOULIS Anastasios

2)LIN Dexu

3)JI Tingfang

(57) Abstract :

Providing for dynamic resource provisioning in wireless communication is described herein. By way of example, various wireless performance metrics are collected by respective network access points as an aggregate measure of wireless network performance. Aggregated data can be utilized to generate a performance model for the network and for individual access points. Changes to the data are updated to the model to provide a steady-state characterization of network performance. Wireless resources are generated for respective access points in a manner that optimizes wireless performance. Additionally, resource assignments can be updated at various intervals to re-optimize for existing wireless conditions, whether event driven or based on performance metrics. Accordingly, a robust and dynamic optimization is provided for wireless network resource provisioning that can accommodate heterogeneous access point, networks in a changing topology.

No. of Pages : 83 No. of Claims : 85

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8633/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : DETERMINATION OF RECEIVE DATA VALUES

(51) International classification	:H04B1/69
(31) Priority Document No	:61/083,788
(32) Priority Date	:25/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/051729
Filing Date	:24/07/2009
(87) International Publication No	:WO/2010/011951
(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)SHI Jun

2)JULIAN David Jonathan

3)EKBAL Amal

(57) Abstract :

Adverse effects associated with collisions in a wireless communication system are mitigated by defining one or more values for receive data. Here, data that is expected to be received during a data transmission may be set to a defined value. In some cases the defined value is a predefined value (e.g., zero or some other value), in some cases the defined value is based on noise and/or signals levels in the system. In some implementations a device may define receive data values for a period of time during which data is expected to be received and during which a transmission occurs. In some aspects a hybrid on-off keying scheme is employed to determine received data values.

No. of Pages : 63 No. of Claims : 89

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8634/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : TETHERED DATA CALL WITH CONTINUOUS APPLICATION

(51) International classification	:H04W76/02
(31) Priority Document No	:12/186,278
(32) Priority Date	:05/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/052602
Filing Date	:03/08/2009
(87) International Publication No	:WO/2010/017143
(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)PAYYAPPILLY Ajith

2)SHEN Lei

3)BABBAR Uppinder Singh

(57) Abstract :

Commonly, when a mobile device tethers to a computer, one Internet Protocol address is provided. When an embedded application runs continuously. such as with a Internet Protocol Multimedia Subsystem application, tethered applications can be prohibited from operating. If the continuous application is not active, then the continuous application can be disconnected and thus the tethered application can function.

No. of Pages : 47 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8635/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : APPARATUS AND METHODS FOR ASSOCIATING A LOCATION FIX HAVING A QUALITY OF SERVICE WITH AN EVENT OCCURRING ON A WIRELESS DEVICE

(51) International classification	:H04W64/00
(31) Priority Document No	:12/171,464
(32) Priority Date	:11/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/050310
Filing Date	:10/07/2009
(87) International Publication No	:WO/2010/006305
(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)FOK Kenny

2)YIP Eric Chi Chung

(57) Abstract :

Apparatus and methods for estimating a geographical position corresponding to an event associated with operation of a wireless device communicating in a wireless communications network. The time and distance between the occurrence of the event and the related time and speed of the wireless device of at least one of a first and second location fix, respectively measured before and after the event, are analyzed. The first and second location fixes having Quality of Service (QoS) adjusted such that the resulting fixes are based at least partly on terrestrial wireless communication measurements. These analyses include comparing those metrics to predetermined time thresholds to validate a geographic position and, in some instances, determine a preferred geographic position to associate with the event.

No. of Pages : 80 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8636/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : NETWORK ELEMENT CONFIGURATION SCHEME

(51) International classification	:H04W24/02
(31) Priority Document No	:12/490,117
(32) Priority Date	:23/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/049400
Filing Date	:01/07/2009
(87) International Publication No	:PCT/US2009/049400
(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)GUPTA Rajarshi

2)CATOVIC Amer

3)AGASHE Parag A.

(57) Abstract :

A method and apparatus for ensuring network address uniqueness is described herein. An address manager determines whether any Sink-local addresses associated with peripheral devices connected to a mobile device would conflict with a network assigned global address. The address manager negotiates with the network to avoid conflicts.

No. of Pages : 48 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8637/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : IMAGE CONSTRUCTION BASED VIDEO DISPLAY SYSTEM

(51) International classification	:G09G3/34
(31) Priority Document No	:61/079,418
(32) Priority Date	:09/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/050175
Filing Date	:09/07/2009
(87) International Publication No	:WO/2010/006216
(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)GUNCER Selim E.

(57) Abstract :

A video display system based on constructing images through displaying orthogonal basis function components of the image is disclosed. The system is comprised of two display components aligned and driven concurrently. The first display component is a coarse pixel array. The second display component is a spatial light modulator whose geometric details are finer than the first pixel array. The overall system reconstructs the intended video to be displayed at the finer geometric details of the second display component at a minimal image quality loss through the use of time-domain display of orthogonal image basis function components. The resultant system has a considerably reduced interconnection complexity and number of active circuit elements, and also requires a considerably smaller video data rate if a lossy image reconstruction scheme is used.

No. of Pages : 32 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8603/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD AND APPARATUS FOR MAINTAINING A FLUID SUPPLY

(51) International classification

:B05B1/20

(31) Priority Document No

:200805310-0

(32) Priority Date

:14/07/2008

(33) Name of priority country

:Singapore

(86) International Application No

:PCT/SG2009/000252

Filing Date

:14/07/2009

(87) International Publication No

:WO 2010/008346 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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TRADEHUB 21, SINGAPORE 609 967

(72)Name of Inventor :

1)SO, KIM LUI

(57) Abstract :

A self-cleaning spray system is disclosed that has a spray pipe having at least one nozzle in a wall of the spray pipe such that, during a spray operation, fluid is sprayed in a spray in a spray plane from the at least one nozzle. A cleaning pipe is spaced from the spray pipe and has at least one outlet to direct fluid towards the at least one nozzle and into the spray pipe for cleaning the at least one nozzle during a reverse flush operation, the at least one outlet being spaced from the spray plane. Fig 6

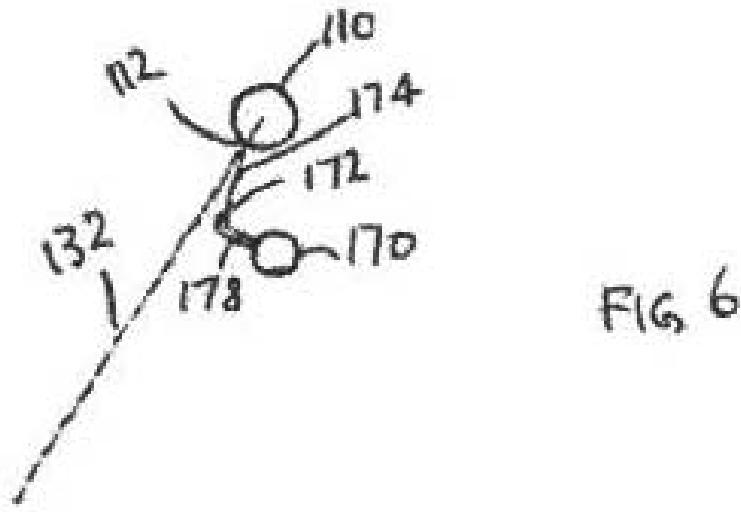


Figure 6

No. of Pages : 17 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8604/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHODS OF PREPARING IMIDAZOLE-BASED BICYCLIC COMPOUNDS

(51) International classification	:C07D261/04
(31) Priority Document No	:61/073,399
(32) Priority Date	:18/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/047495
Filing Date	:16/06/2009
(87) International Publication No	:WO 2010/008734 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)LEXICON PHARMACEUTICALS, INC.

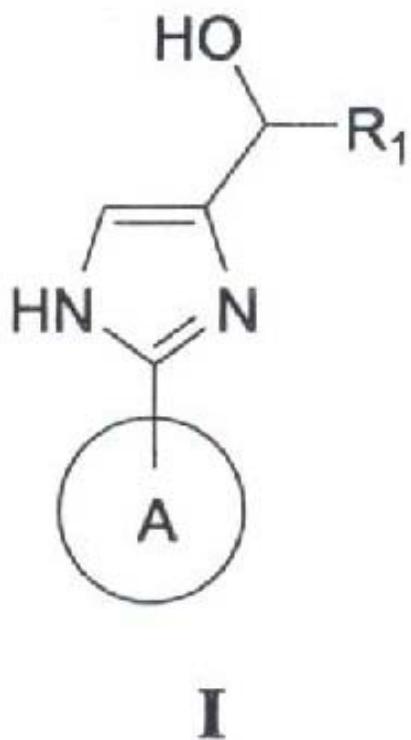
Address of Applicant :8800 TECHNOLOGY FOREST PLACE, THE WOODLANDS, TX 77381 U.S.A.

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- 2)HU, WEIFENG
- 3)LIU, RENMAO
- 4)LU, YUELIE
- 5)WU, WENXUE
- 6)YANG, XIAOGEN

(57) Abstract :

Methods of preparing compounds of formula I are disclosed:



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8605/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SOLID FORMS OF (1R,2S,3R)-1- (2-(ISOXAZOL-3-YL) - 1H- IMIDAZOL-4-YL) BUTANE - 1,2,3,4-TETRAOL AND METHODS OF THEIR USE

(51) International classification	:C07D413/04	(71) Name of Applicant : 1)LEXICON PHARMACEUTICALS, INC. Address of Applicant :8800 TECHNOLOGY FOREST PLACE, THE WOODLANDS, TX 77381 U.S.A.
(31) Priority Document No	:61/073,398	
(32) Priority Date	:18/06/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2009/047488	(72) Name of Inventor :
Filing Date	:16/06/2009	1)BURGOON, HUGH, ALFRED
(87) International Publication No	:WO 2010/008733 A3	2)BUTTAR, SUZANNE MARIE
(61) Patent of Addition to Application Number	:NA	3)FRAMPTON, CHRISTOPHER STEPHEN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Solid forms of (1R,2S,3R)-1-(2-(isoxazol-3-yl)-1H-imidazol-4-yl)butane-1,2,3,4-tetraol and hydrates thereof are disclosed, as well as compositions comprising them and methods of their use.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8606/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : BINDER COMPOSITION FOR CASTING MOLD, AND METHOD FOR PRODUCING MOLD USING THE SAME

(51) International classification	:B22C1/10
(31) Priority Document No	:2008-194719
(32) Priority Date	:29/07/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/063132
Filing Date	:22/07/2009
(87) International Publication No	:WO 2010/013629 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)YASUHIRO NAGAI
2)MASAJI YOSHIMURA

(57) Abstract :

The object of the present invention is to provide a binder composition for casting a mold and a method for producing a mold using the same which can provide a mold having sufficient strength without complicating the processes of a mold, and the present invention provides a binder composition for casting a mold according to the present invention that includes an acid-hardening resin, water, and a metal chloride, wherein the acid-hardening resin contains furfuryl alcohol, and at least one of a condensate and a co-condensate between aldehyde and at least one of furfuryl alcohol, phenols, and urea, and the metal is an alkaline-earth metal and/or a zinc group element.

No. of Pages : 57 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8607/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SEMICONDUCTOR ELEMENT AND MANUFACTURING METHOD THEREFOR

(51) International classification	:H01L29/78
(31) Priority Document No	:2008-178810
(32) Priority Date	:09/07/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP09/003111
Filing Date	:03/07/2009
(87) International Publication No	:WO 2010/004715
	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)UCHIDA, MASAO

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3)HASHIMOTO, KOICHI

(57) Abstract :

A semiconductor device includes: a semiconductor layer 10 including silicon carbide, which has been formed on a substrate; a semiconductor region 15 of a first conductivity type defined on the surface of the semiconductor layer 10; a semiconductor region 14 of a second conductivity type, which is defined on the surface 10s of the semiconductor layer so as to surround the semiconductor region 15 of the first conductivity type; and a conductor 19 with a conductive surface 19s that contacts with the semiconductor regions 15 and 14 of the first and second conductivity types. On the surface 10s of the semiconductor layer, the semiconductor region 15 of the first conductivity type has at least one first strip portion 60 that runs along a first axis i. The width C1 of the semiconductor region 15 of the first conductivity type as measured along the first axis i is greater than the width A1 of the conductive surface 19s as measured along the first axis i. And the periphery of the conductive surface 19s crosses the at least one first strip portion 60, 61.

No. of Pages : 178 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8608/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : DUAL THERMAL ENERGY STORAGE TANK

(51) International classification	:F28D20/00
(31) Priority Document No	:08380189.4
(32) Priority Date	:01/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/ES09/000288
Filing Date	:25/05/2009
(87) International Publication No	:WO 2010/000892 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)LATAPEREZ, JESUS, M.

2)BLANCO LORENZO, JULIO

(57) Abstract :

A thermocline storage tank is presented, which includes a barrier member that floats between the two fluids stored at different temperatures, physically separating and insulating them. The floating barrier includes a number of design features that broaden its application scope, enabling it for use in fields like thermal storage systems of solar power plants.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8638/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PAGING AND POWER MANAGEMENT SCHEMES FOR LOCAL NETWORK ACCESS

(51) International classification	:H04W68/00
(31) Priority Document No	:61/079,381
(32) Priority Date	:09/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/050162
Filing Date	:09/07/2009
(87) International Publication No	:WO/2010/006204
(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)ULUPINAR Fatih

2)AGASHE Parag A.

3)GUPTA Rajarshi

(57) Abstract :

Paging and power consumption are managed in conjunction with providing local breakout in a wireless wide area network. In some aspects, if a packet destined for an access terminal is received at an access point that provides local breakout, the access point may inform the network so that the network will cause the access point to page the access terminal. Alternatively, in some aspects an access point that provides local breakout may maintain idle context of the access terminal, whereby the access point may autonomously page the access terminal (i.e.. without involving the core network). In some aspects local breakout traffic is filtered at an access point to reduce the number of pages or packets sent to an access (terminal. In some aspects an indication of a packet type is provided with a page message to enable an access terminal to determine whether to receive the packet. In some aspects a local link interface may be selectively disabled or enabled to limit traffic at an access terminal.

No. of Pages : 71 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8639/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SYSTEM AND METHOD FOR MOBILITY RESTRICTION IN WIRELESS COMMUNICATIONS SYSTEMS

(51) International classification	:H04W36/00	(71) Name of Applicant :
(31) Priority Document No	:61/077,288	1)Huawei Technologies Co. Ltd.
(32) Priority Date	:01/07/2008	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:U.S.A.	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/US2009/049367	China.
Filing Date	:01/07/2009	(72) Name of Inventor :
(87) International Publication No	:WO/2010/002967	1)MOUSSA Alaa-addin
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for mobility restriction in wireless communications systems is provided. A method for base station operations includes receiving a request for service from a terminal, sending a request for authorization of the terminal to a controller, receiving in response to the request for authorization, an indication that the terminal is authorized, and granting access to the terminal. The indication includes a mobility restriction classification associated with the terminal.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8640/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : CELL IDENTIFIER ASSIGNMENT AND SELECTION

(51) International classification	:H04W72/08
(31) Priority Document No	:61/083,848
(32) Priority Date	:25/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/051756
Filing Date	:24/07/2009
(87) International Publication No	:WO 2010/011970 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)QUALCOMM INCORPORATED

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(72)**Name of Inventor :**

1)GUPTA RAJARSHI

2)TINNAKORN SRISUPHAP PEERAPOL

3)AGASHE PARAG A.

4)CATOVIC AMER

(57) Abstract :

Systems and methodologies are described that facilitate providing physical cell identifier (PCI) assignment. Neighboring access point parameters can be collected and transmitted to a PCI assigning component, which can generate a PCI based on the parameters as well as other local parameters. The neighboring access point parameters can be received by evaluating signals transmitted by the neighboring access points, from a UE communicating with the neighboring access points, over a backhaul link, etc. The parameters can include signal strength, identification, and/or the like. In addition, prioritized lists of PCIs can be provided to an access point, which can utilize the neighborhood parameters to select an optimal PCI from the list.

No. of Pages : 65 No. of Claims : 122

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8642/CHENP/2010 A

(43) Publication Date : 16/09/2011

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

(51) International classification	:G06T1/00
(31) Priority Document No	:P2009-113413
(32) Priority Date	:08/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057648
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/128646
	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)KAZUKI AISAKA

2)MASAYA KINOSHITA

3)TAKASHI KAMEYA

4)JUN MURAYAMA

5)MASATOSHI YOKOKAWA

(57) Abstract :

The present invention relates to an image processing apparatus and method, and a program that are capable of more easily identifying an area of a subject in an image. A luminance information extraction unit 21 through to a motion information extraction unit 25 extract predetermined information from an input image and create an information map indicating feature quantities of features possessed by an area of a subject of the input image. Furthermore, the luminance information extraction unit 21 through to the motion information extraction unit 25 subtract an average value of the pixel values of the pixels of the entire information map from the pixel value of each pixel of the created information map so as to normalize the information map. As a result, the information map can be normalized, and noise can be removed with a simple process when compared to a case in which the information map is normalized using a DOG filter. A subject map creation unit 26 linearly combines each information map, and creates a subject map indicating the likelihood of an area being a subject in each area of an input image. The present invention can be applied to an image processing apparatus.

No. of Pages : 102 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8609/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : FIBER-POLYMER COMPOSITE

(51) International classification	:H01B5/10
(31) Priority Document No	:61/077,327
(32) Priority Date	:01/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/049237
Filing Date	:30/06/2009
(87) International Publication No	:WO 2010/002878
	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)DOW GLOBAL TECHNOLOGIES INC.

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(72)Name of Inventor :

1)CHEN, BUO

2)GUO, SHU

3)ZINKWEG, DIRK

(57) Abstract :

The present invention is a fiber-polymer composite-supported conductor with a fiber-polymer composite core and a tubular metal conductor. The tubular metal conductor is on the core. Substantially all mechanical tension resulting from the disposition of the conductor is borne by the fiber-polymer composite core.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8612/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : POLYCARBONATE RESIN SHEET

(51) International classification	:C08J5/18
(31) Priority Document No	:2008-173257
(32) Priority Date	:02/07/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP09/062238
Filing Date	:29/06/2009
(87) International Publication No	:WO 2010/002011 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)TEIJIN CHEMICALS LTD.

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CHIYODA-KU, TOKYO 100-0013 Japan

(72)Name of Inventor :

1)HIGAKI, YUJI

(57) Abstract :

A polycarbonate resin sheet which has a small heat shrinkage factor and small variations thereof and is useful for thermoforming and a production process therefor. The sheet is made of a polycarbonate resin and has a thickness of 0.2 to 2.0 mm, a heat shrinkage factor in the extrusion direction (MD) of 2 to 8 % when it is heated at 180°C for 10 minutes and a standard deviation of heat shrinkage factor in the transverse direction (TD) of 1.5 or less.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8650/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD AND APPARATUS FOR MAINTAINING FLOW METER TUBE AMPLITUDE OVER A VARIABLE TEMPERATURE RANGE

(51) International classification	:G01F1/84	(71) Name of Applicant : 1)MICRO MOTION, INC. Address of Applicant :7070 WINCHESTER CIRCLE, BOULDER, COLORADO 80301. U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/US08/065882	(72) Name of Inventor : 1)LOVING, ROGER, SCOTT
Filing Date	:05/06/2008	
(87) International Publication No	:WO 2009/148451	
	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 for operating a flow meter is provided. The flow meter includes a driver and pickoff sensors coupled to a flow tube. The driver is adapted to vibrate the flow tube in response to a drive signal. The method comprises setting a target pickoff voltage and measuring a flow meter temperature. The method further comprises generating a temperature compensated target pickoff voltage and controlling the drive signal to maintain a temperature compensated flow tube amplitude.

No. of Pages : 25 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8651/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD AND APPARATUS FOR CHARGING AN UPWARDLY ORIENTED HOLE WITH A PUMPABLE MATERIAL

(51) International classification	:F42D1/10	(71) Name of Applicant : 1)MAXAM DANTEX SOUTH AFRICA (PROPRIETARY) LIMITED Address of Applicant :RAND LEASES MINE, MAIN REEF ROAD, 1710 FLORIDA South Africa
(31) Priority Document No	:2008/049047	
(32) Priority Date	:05/06/2008	
(33) Name of priority country	:South Africa	
(86) International Application No	:PCT/IB09/052389	
Filing Date	:05/06/2009	
(87) International Publication No	:WO 2009/147642 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

One aspect of the invention concerns a method of charging an upwardly oriented hole with a pumpable material, typically a pumpable explosive material such as an ANE. In the method of the invention a laterally expandable retainer is provided. This is of smaller length than the hole and has an inlet at a lower end thereof and an outlet at an upper end thereof. In an unexpanded state the retainer has a smaller lateral dimension than the hole. The retainer is inserted upwardly into the hole in an unexpanded state, whereafter material with which the hole is to be charged is pumped upwardly into the retainer through the inlet such that the retainer fills up and expands laterally into engagement with a wall of the hole. Excess pumped material is allowed to upwardly out of the retainer into the hole through the outlet. After the retainer has been filled with material and the hole above the retainer has been at least partially filled with any excess material, the pumping operation is stopped and the inlet is closed. The material is then retained in the hole by engagement of the filled and expanded retainer with the wall of the hole. Another aspect of the invention concerns the apparatus used in the method.

No. of Pages : 49 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8652/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : DEPOSITION METHOD FOR PASSIVATION OF SILICON WAFERS

(51) International classification	:C23C16/458
(31) Priority Document No	:08159693.4
(32) Priority Date	:04/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/058387
Filing Date	:03/07/2009
(87) International Publication No	:WO 2010/000830
	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)KUNOW, MAGNUS

2)AKURATI, KRANTHI

3)ZIMMERMANN, ANDREAS

4)JERVIS, RON

(57) Abstract :

A substrate (4) is mounted onto an elevated substrate support (31) of a substrate carrier plate (3). The substrate carrier plate with the substrate is then placed in a plasma reactor (8). Due to the elevated substrate support, both opposite sides of the substrate are exposed to the plasma (6) and are therefore coated with an electrical passivation layer (7). (Fig. 2)

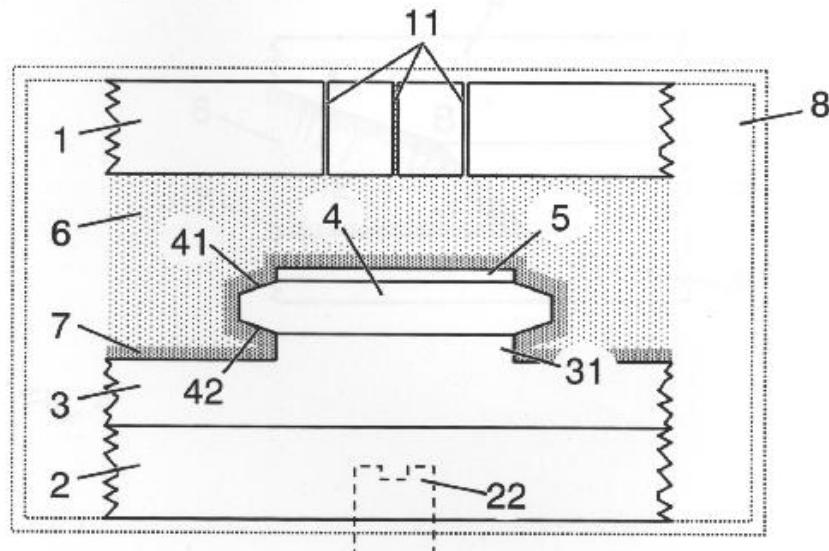


Fig. 2

1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8613/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : HIGH PERFORMANCE SOLUTION PROCESSABLE SEMICONDUCTOR BASED ON DITHIENO [2,3-D:2',3'-D']BENZO[1,2-B:4,5-B']DITHIOPHENE

(51) International classification	:C07D495/12
(31) Priority Document No	:08159525.8
(32) Priority Date	:02/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/057985
Filing Date	:25/06/2009
(87) International Publication No	:WO 2010/000670 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)KOEHLER, SILKE

3)MULLEN, KLAUS

4)GAO, PENG

5)BECKMANN, DIRK

6)FENG, XINLIANG

7)TSAO, HOI NOK

(57) Abstract :

Dithienbenzodithiophenes of general formula (I) in which R1 to R6 are each independently selected from a) H, b) halogen, c) -CN, d) -NO₂, e) -OH, f) a C1-20 alkyl group, g) a C2-20 alkenyl group, h) a C2-20 alkynyl group, i) a C1-20 alkoxy group, j) a C1-20 alkylthio group, k) a d-20 haloalkyl group, l) a -Y-C3-10 cycloalkyl group, m) a -Y-C6-14 aryl group, n) a -Y-3-12 membered cyclo-heteroalkyl group, or o) a -Y-5-14 membered heteroaryl group, wherein each of the d-20 alkyl group, the C2-20 alkenyl group, the C2-20 alkynyl group, the C3-10 cycloalkyl group, the C6-14 aryl group, the 3-12 membered cyclo-heteroalkyl group, and the 5-14 membered heteroaryl group is optionally substituted with 1-4 R7 groups, wherein R1 and R3 and R2 and R4 may also together form an aliphatic cyclic moiety, Y is independently selected from divalent a C1-6alkyl group, a divalent d-6 haloalkyl group, or a covalent bond; and m is independently selected from 0, 1, or 2. The invention also relates to the use of the dithienobenzodithiophenes according to any of claims 1 to 4 as semiconductors or charge transport materials, as thin-film transistors (TFTs), or in semiconductor components for organic light-emitting diodes (OLEDs), for photovoltaic components or in sensors, as an electrode material in batteries, as optical waveguides or for electrophotography applications.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8614/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : MACHINE FOR OBTAINING OIL

(51) International classification	:A23N1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/ES08/070131
Filing Date	:02/07/2008
(87) International Publication No	:WO 2010/000885
	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)MARQUEZ GOMES, AMADOR

2)COSTA ESCODA, TELM

(57) Abstract :

The machine has a single body (1) which integrates mixers (4) in correspondence with containers (3) which contain the paste, a centrifuge (7) equipped with housings (11) designed to house in individualized manner and in radial arrangement each one of the containers (3) which contain the already mixed paste, means of pumping (12, 16, 17) or pressing which exerts a pressure on the liquid produced after the centrifugation, and a filter (14) positioned after the means of pumping (12, 16,17) for the definitive production of the oil. Figure 1

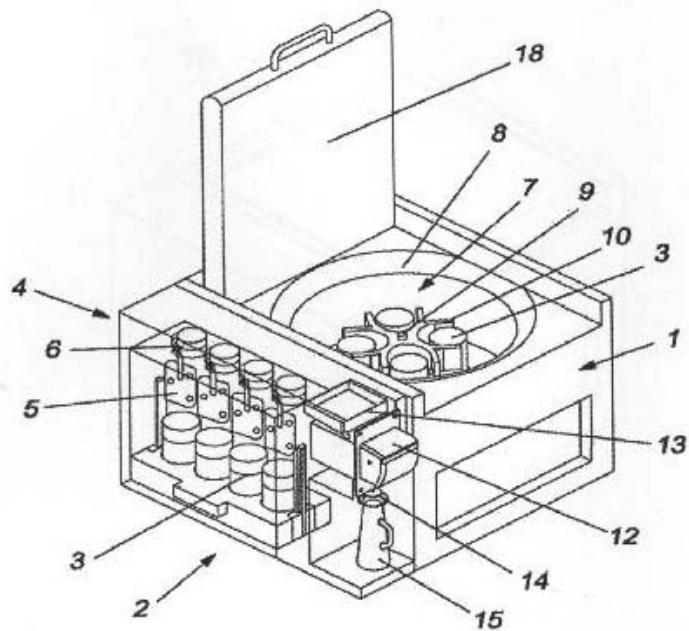


FIG 1

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8616/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : RNA ANTAGONISTS TARGETING HSP27

(51) International classification	:A61K31/7088
(31) Priority Document No	:61/077,588
(32) Priority Date	:02/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB09/052860
Filing Date	:01/07/2009
(87) International Publication No	:WO 2010/001349 A8
(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)SANTARIS PHARMA A/S

(72)Name of Inventor :

1)WORM, JESPER

(57) Abstract :

The present invention relates to oligomer compounds (oligomers), which target Hsp27 mRNA in a cell, leading to reduced expression of Hsp27. Reduction of Hsp27 expression is beneficial for the treatment of certain medical disorders, such as cancer. The invention provides therapeutic compositions comprising oligomers and methods for modulating the expression of Hsp27 using said oligomers, including methods of treatment

No. of Pages : 73 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8617/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : FILMS, ARTICLES PREPARED THEREFROM, AND METHODS OF MAKING THE SAME

(51) International classification	:B32B27/32
(31) Priority Document No	:08382024.1
(32) Priority Date	:01/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/US09/049171
Filing Date	:30/06/2009
(87) International Publication No	:WO 2010/002837
	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)ARROYO VILLAN, MARIA

2)DONKERS, ELLEN

(57) Abstract :

The invention provides a film comprising at least three layers, one inner layer adjacent to two outer layers, and wherein at least one inner layer is formed from a composition comprising an ethylene-based polymer with a density greater than, or equal to, 0.945 g/cc or a cyclic olefin copolymer; and wherein each outer layer is, independently, formed from a composition comprising a propylene-based polymer; and wherein the at least one inner layer is less than, or equal to, 25 percent of the total film thickness.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8618/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : DURABLE TREATMENT WITH 4-AMINOPYRIDINE IN PATIENTS WITH DEMYELINATION

(51) International classification	:A01N37/18
(31) Priority Document No	:61/240,100
(32) Priority Date	:04/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/047932
Filing Date	:06/09/2010
(87) International Publication No	:WO/2011/029082
(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)WESSEL, THOMAS C.

2)BLIGHT, ANDREW

(57) Abstract :

Disclosed herein are methods and compositions related to the durable use of aminopyridines, such as 4-aminopyridine, to improve impairments of patients with a demyelinating condition, such as MS.

No. of Pages : 43 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8619/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD OF PROGRAMMING VARIABLE RESISTANCE ELEMENT AND NONVOLATILE STORAGE DEVICE

(51) International classification	:H01L27/10
(31) Priority Document No	:2009-073293
(32) Priority Date	:25/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP10/002125
Filing Date	:25/03/2010
(87) International Publication No	:WO 2010/109876
	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)PANASONIC CORPORATION

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(72)**Name of Inventor :**

1)MURAOKA, SHUNSAKU

2)TAKAGI, TAKESHI

3)MITANI, SATORU

4)KATAYAMA, KOJI

(57) Abstract :

Applying a writing voltage pulse having a first polarity to a metal oxide layer (3) to change a resistance state of the metal oxide layer (3) from high to low so as to render the resistance state a write state, applying an erasing voltage pulse having a second polarity different from the first polarity to the metal oxide layer (3) to change the resistance state of the metal oxide layer (3) from low to high so as to render the resistance state an erase state, and applying an initial voltage pulse having the second polarity to the metal oxide layer (3) before the applying of a writing voltage pulse is performed for a first time, to change a resistance value of an initial state of the metal oxide layer (3) are included, and $R_0 > R_H > R_L$ and $|V_0| > |V_e| \geq |V_w|$ are satisfied where R_0 , R_H , and R_L are the resistance values of the initial, write, and erase states, respectively, of the metal oxide layer (3), and V_0 , V_w , and V_e are voltage values of the initial, writing, and erasing voltage pulses, respectively.

No. of Pages : 60 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8620/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : RHEOLOGY MODIFIER

(51) International classification	:C08F20/14
(31) Priority Document No	:102008040152.8
(32) Priority Date	:03/07/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP09/055511
Filing Date	:07/05/2009
(87) International Publication No	:WO 2010/000530 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)EVONIK GOLDSCHMIDT GMBH

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(72)Name of Inventor :

1)KLEIN, ALEXANDER

2)DUDERSTADT, ULRIKE

3)HEYNE, JOACHIM

4)HEROLD, TIMO

(57) Abstract :

The invention relates to a rheology modifier for improving the flowability of technical plastics, which drastically improves the thermoplastic processing behavior of the plastics without impairing the usage properties of the manufactured molded bodies.

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8621/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : STORAGE HOT WATER SUPPLYING APPARATUS, HOT WATER SUPPLYING AND SPACE HEATING APPARATUS, OPERATION CONTROL APPARATUS, OPERATION CONTROL METHOD, AND OPERATION CONTROL PROGRAM

(51) International classification	:F24H1/18
(31) Priority Document No	:2009-103455
(32) Priority Date	:21/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP10/002802
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/122759 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)PANASONIC CORPORATION

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(72)**Name of Inventor :**

1)NAGATA, EIKO

2)HAYASHIDA, GAKU

(57) Abstract :

A storage hot water supplying apparatus which efficiently operates with largely increased available heat in a water storage tank is provided. The storage hot water supplying apparatus (1) provides heated water to a load circuit (300) through which users uses water, and includes: a water storage tank (210) which stores water and has outlets for water to be heated (231 to 233) at different heights, an outlet selecting unit (430) to select, from among the outlets (231 to 233), an outlet to take out the water, based on a provision temperature which is a temperature of water to be provided from the water storage tank (210) to the load circuit (300) and temperatures of the water to be taken out through the outlets (231 to 233); and a heating unit (100) to heat the water taken out through the selected outlet and to be returned to the water storage tank (210).

No. of Pages : 65 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8622/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : MEMORY CELL ARRAY, NONVOLATILE STORAGE DEVICE, MEMORY CELL, AND METHOD OF MANUFACTURING MEMORY CELL ARRAY

(51) International classification	:H01L27/10	(71) Name of Applicant :
(31) Priority Document No	:2009-128454	1)PANASONIC CORPORATION
(32) Priority Date	:28/05/2009	Address of Applicant :1006, OAZA KADOMA, KADOMA-
(33) Name of priority country	:Japan	SHI, OSAKA 571-8501 Japan
(86) International Application No	:PCT/JP2010/003597	(72) Name of Inventor :
Filing Date	:28/05/2010	1)OKADA, TAKASHI
(87) International Publication No	:WO 2010/137339	2)MIKAWA, TAKUMI
	A1	3)ARITA, KOJI
(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 manufacturing a memory cell array in which first conductive layers (2) and second conductive layers (14) extend above a semiconductor substrate (1) and three-dimensionally cross with each other, and memory cells each of which includes a current steering element (10) and a variable resistance element (23) electrically connected in series to each other is provided at a corresponding one of three-dimensional cross points between the first conductive layers (2) and the second conductive layers (14). The method includes: forming a first interlayer insulating film (3); forming a contact hole in the interlayer insulating film (3); depositing a first plug material (4) in the contact hole and on the first interlayer insulating film (3); performing a first polishing in which the first plug material (4) is polished until the first interlayer insulating film (3) is exposed; depositing a conductive film (6a) that becomes a first electrode (6) of the current steering element (10), on the first plug material (4) and the first interlayer insulating film (3) after the first polishing; and performing a second polishing in which a surface of the conductive film (6a) is polished.

No. of Pages : 58 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8623/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : FOOD CONTAINER AND METHOD FOR PRODUCING FOOD CONTAINER

(51) International classification	:B65D3/06
(31) Priority Document No	:0801298-1
(32) Priority Date	:02/06/2008
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE09/050635
Filing Date	:01/06/2009
(87) International Publication No	:WO 2009/148394 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)LARSSON, UNO

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(72)Name of Inventor :

1)LARSSON, UNO

2)LARSSON, NIKLAS

(57) Abstract :

Food container, having at least two open cone shaped spaces (A, B), wherein the material of the container is in the form of a sheet (1), having an upper side (U) and an under side (D) and being provided with a number of folding lines (6, 7, 8) arranged to facilitate formation of said food container with at least two open cone shaped spaces (A, B), wherein a. the sheet (1) having a first and a second folding line (6, 7), which intersect near or in a point (9) along a centre line (L) extending near, or in, the middle of the sheet (1) to allow surfaces of the upper side (U) on each side of said folding lines (6, 7) to be moved against each other, and b. by said sheet (1) having a third folding line (8, 8), which extends transversally in relation to said centre line (L) and which intersects said first and second folding lines (6, 7) at least substantially in said point (9), arranged to facilitate folding along said third folding line (8, 8) of portions on each side thereof to move their surfaces of the under side (D) against each other, whereby the third folding line (8, 8) is divided mainly on the middle into a first part 8) and a second part (8, 8) arranged to form two open cones (A, B) on each side of said third folding line (8, 8), when said first part (8r, 8r) and said second part (8i, 8i) are brought against each other.

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8624/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : LOW SURFACE ENERGY ADHESIVE

(51) International classification	:C09J133/00
(31) Priority Document No	:61/077,745
(32) Priority Date	:02/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/046841
Filing Date	:10/06/2009
(87) International Publication No	:WO 2010/002557
	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)3M INNOVATIVE PROPERTIES COMPANY

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(72)Name of Inventor :

1)MA, JINGJING

2)CHEN, ZHONG

3)LEHMANN, MEGAN, P.

4)TUMEY, MICHAEL, L.

5)ZHU, DONG-WEI

(57) Abstract :

Adhesives suitable for use with low surface energy materials are described. The adhesive contain an acrylic copolymer, a high glass transition temperature tackifier and a low glass transition temperature tackifier. The acrylic copolymer is the reaction product of a first alkyl(meth)acrylate having at least 5 carbon atoms in the alkyl group, a second alkyl(meth)acrylate having 1 to 4 carbon atoms in the alkyl group, and a vinyl carboxylic acid. Both tackifiers have a Tg greater than the Tg of the acrylic copolymer. The high glass transition temperature tackifier has a Tg of at least 20 °C and the low glass transition temperature tackifier has a Tg of less than 0 °C.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8625/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : INFORMATION RECORDING MEDIUM, RECORDING DEVICE AND REPRODUCING DEVICE

(51) International classification

:G11B7/007

(31) Priority Document No

:2008-276156

(32) Priority Date

:27/10/2008

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP09/005457

Filing Date

:19/10/2008

(87) International Publication No

:WO 2010/050143

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)PANASONIC CORPORATION

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(72)Name of Inventor :

1)NAKAMURA, ATSUSHI

2)MIYAGAWA, NAOYASU

3)FURUMIYA, SHIGERU

4)HINO, YASUMORI

5)ITO, MOTOSHI

6)SHOJI, MAMORU

7)TAKAHASHI, YOSHIHISA

(57) Abstract :

An information recording medium according to the present invention includes three or more information recording layers. Each of the plurality of information recording layers includes a test recording area usable for adjusting a recording condition. One of the plurality of information recording layers includes a reproduction-only management data area in which management data usable for managing the information recording medium is pre-recorded. One information recording layer includes a recordable management data area in which management data usable for managing the information recording medium is newly writable. Each of the other two or more information recording layers among the plurality of information recording layers includes a test recording area at a radial position overlapping the radial position of a part of the reproduction-only management data area. In the one recording layer including the recordable management data area, the recordable management data area is provided at two positions, i.e., one on the inner side and the other on the outer side to the test recording area.

No. of Pages : 264 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8626/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SYSTEM FOR DISPLAYING A POSITION VIEWER FOR PREVIEWING THE DISPLAY OF AN ADVERTISEMENT

(51) International classification	:G06Q30/00
(31) Priority Document No	:12/130,689
(32) Priority Date	:30/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/039614
Filing Date	:06/04/2009
(87) International Publication No	:WO/2009/148696
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)YAHOO! INC.

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(72)**Name of Inventor :**

1)LISANDRO MIGUEL LEJANO

2)ERIK RUBEN RACHO

3)CLAUDE JONES

(57) Abstract :

A system and method are disclosed for displaying a preview of the positioning of an advertisement within a page. An advertiser may identify a position for displaying its advertisements and a position viewer provides a preview display of the appearance of the advertisement at that position within a page. The position viewer may be a part of an interface for matching advertisements with available ad space. The automatic previewing of an advertisement in a selected position may assist an advertiser in identifying the optimal advertisement space for the advertisement

No. of Pages : 54 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8653/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PROCESS FOR OPERATING HTS REACTOR

(51) International classification

:C01B3/16

(31) Priority Document No

:PA2008 00935

(32) Priority Date

:03/07/2008

(33) Name of priority country

:Denmark

(86) International Application No

:PCT/EP09/004288

Filing Date

:15/06/2009

(87) International Publication No

:WO 2010/000387

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)HALDOR TOPSOE A/S

Address of Applicant :NYMOLLEVEJ 55, DK-2800 KGS.

LYNGBY Denmark

(72)Name of Inventor :

1)SCHJODT, NIELS, CHRISTIAN

(57) Abstract :

Process for enriching a synthesis gas in hydrogen by conversion of carbon monoxide and steam over a catalyst containing oxides of zinc and aluminum together with one or more promoters .

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8656/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ACTIVE DAMPING CIRCUIT FOR ELECTRIC CHOPPER CIRCUIT

(51) International classification	:H02M1/34
(31) Priority Document No	:0803789
(32) Priority Date	:03/07/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR09/000804
Filing Date	:30/06/2009
(87) International Publication No	:WO 2010/000979
	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)MAUROY, PASCAL

(57) Abstract :

A snubber circuit for a chopper circuit having at least one chopper transistor with terminals connected to a first line and to a second line, the first line being at a power supply potential and the second line being at ground potential, the snubber circuit comprising a capacitive element and a charging diode for charging the capacitive element, the charging diode and the capacitive element being connected in series to each other and together they are connected in parallel with the chopper transistor, the snubber circuit comprising an inductive element having a first end connected to a connection point situated between the charging diode and the capacitive element, and a second end connected to one of the lines.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8657/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SYSTEMS AND METHODS FOR IMPLEMENTING RAPID RESPONSE MONITORING OF BLOOD CONCENTRATION OF A METABOLITE

(51) International classification	:A61B5/00
(31) Priority Document No	:61/058,935
(32) Priority Date	:05/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL09/000566
Filing Date	:07/06/2009
(87) International Publication No	:WO 2009/147680
	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)SHEKALIM, AVRAHAM

2)PELEG, NOAM

3)YOTVAT, EREZ

(57) Abstract :

Systems and methods for monitoring the concentration of glucose or other metabolites by way of a low-volume microdialysis-probe operative in accordance with a pulsed mode of flow through a flow path defined by a layered structure. Also described are a system and a method for deployment of the microdialysis probe within the body and a technique for deriving a metabolite concentration of the basis of a rate of change of an optical parameter.

No. of Pages : 49 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8658/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ROLLING MILL OF ROTATING EXPANDER TYPE FOR TUBULAR BODIES WITH TIP-STABILIZING SYSTEM

(51) International classification	:B21B19/08	(71) Name of Applicant : 1)DANIELI & C. OFFIINE MECCANICHE S.P.A. Address of Applicant :VIA NAZIONALE 41, I-33042 BUTTRIO Italy
(31) Priority Document No	:MI2008A001012	
(32) Priority Date	:03/06/2008	
(33) Name of priority country	:Italy	(72) Name of Inventor :
(86) International Application No	:PCT/EP09/056606	1)CERNUSCHI, ETTORE
Filing Date	:29/05/2009	2)MARINI, FABRIZIO
(87) International Publication No	:WO 2009/147087	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A rolling mill of rotating expander type for tubular bodies, comprising: working rollers (1, 2) arranged inclined with respect to the rolling axis; a tip (3) fitted on a beam (4), so that the tubular body is pushed in rotation between the rollers and the tip, and subjected to deformation in order to increase the perimeter; a tip- stabilizing system placed behind said tip, about the beam, and integrated in the rolling mill.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8659/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : RATING OF MESSAGE CONTENT FOR CONTENT CONTROL IN WIRELESS DEVICES

(51) International classification	:H04N7/16
(31) Priority Document No	:12/176,096
(32) Priority Date	:18/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/088252
Filing Date	:23/12/2008
(87) International Publication No	:WO/2010/008415
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)QUALCOMM Incorporated

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(72)**Name of Inventor :**

1)QU Hai

2)SCOTT Clifton Eugene

3)DOWLAT Homayoun

(57) Abstract :

Systems, methodologies, and devices are described that facilitate filtering content sent to a mobile device(s) by a content provider via a core network. A content provider can determine a content rating for content, and/or the core network and/or mobile device can determine or infer a content rating for unrated content from a content provider, based in part on predefined content rating criteria. A mobile device user can specify a desired content rating preference for the mobile device. A filter(s) respectively associated with the core network and/or mobile device can filter the content based in part on the content rating of the content and the content rating preference of the mobile device to which the content is being sent. Content that does not meet a content rating threshold can be filtered out and stored in a secure content folder accessible using a security code or discarded.

No. of Pages : 83 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8660/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SUCCESSIVE DETECTION AND CANCELLATION FOR CELL PILOT DETECTION

(51) International classification	:H04W48/16
(31) Priority Document No	:61/085,754
(32) Priority Date	:01/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/052596
Filing Date	:03/08/2009
(87) International Publication No	:WO/2010/014994
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)QUALCOMM Incorporated

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(72)**Name of Inventor :**

1)WANG Michael M.

(57) Abstract :

Techniques for performing cell detection with successive detection and cancellation (SDC) are described. For SDC, pilots from stronger cells may be canceled from a received signal at a user equipment (UE) so that weaker cells may be detected as a result of reduced interference from the stronger cells. In one design, a UE processes a received signal to detect for a cell and determines whether the detected cell is sufficiently strong. If the cell is sufficiently strong, then the UE cancels the interference due to the detected cell from the received signal and further processes an interference-canceled signal to detect for another cell. The UE may detect for cells in a set of cells in a sequential order, from the strongest cell to the weakest cell. The UE may terminate detection when a cell not sufficiently strong is detected or when all cells in the set are detected.

No. of Pages : 37 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8643/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : VACCINE AGAINST AMYLOID FOLDING INTERMEDIATE

(51) International classification	:C07K14/47, A61K38/17
(31) Priority Document No	:08159385.7
(32) Priority Date	:01/07/2008
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/NL2009/050387 :01/07/2009
(87) International Publication No	:WO/2010/002251
(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 :

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2)VAN DEN DOBBELSTEEN GERARDA
PETRONELLA JOHANNA MARIA**

(57) Abstract :

The invention relates to an improved vaccine to treat Alzheimer™s disease.

No. of Pages : 35 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8644/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE AND LIQUID CRYSTAL DISPLAY UNIT

(51) International classification	:G02F1/1333
(31) Priority Document No	:176209/2008
(32) Priority Date	:04/07/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/058299
Filing Date	:27/04/2009
(87) International Publication No	:WO 2010/001657
	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-SHI, OSAKA, 545-8522. Japan

(72)Name of Inventor :

1)YASUHIRO FURUSAWA

(57) Abstract :

At least one of a first control circuit (60) for controlling a liquid crystal display component (30) and a second control circuit (64) for controlling a light source unit (40) is provided in an area (R1) demarcated by a plane including a front face (32) of the liquid crystal display component (30) and a plane including a rear face (44) of the light source unit (40).

No. of Pages : 84 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8645/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : LIGHT EMITTING DEVICE

(51) International classification

:H01L51/50

(31) Priority Document No

:2008-172125

(32) Priority Date

:01/07/2008

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP09/061674

Filing Date

:26/06/2009

(87) International Publication No

:WO 2010/001817

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)NAGAO, KAZUMASA

2)ARAI, TAKESHI

3)IKEDA, TAKESHI

4)TOMINAGA, TSUYOSHI

5)TANAKA, DAISAKU

6)ICHIHASHI, YASUNORI

7)UEOKA, KOJI

(57) Abstract :

The present invention relates to an organic thin-film light emitting device containing an organic compound represented by formula (1) and a donor compound, the light emitting device can achieve both of the low-voltage driving operation and high luminance efficiency. Y-(A1-Ar) n1 (1) (Y represents either substituted or unsubstituted pyrene, or substituted or unsubstituted anthracene. A1 is selected from the group consisting of a single bond, an arylene group, and a hetero arylene group. Ar is selected from the group consisting of a carbazolyl group, a dibenzofuranyl group, and a dibenzothiophenyl group. These groups may be substituted or unsubstituted, and n1 is an integer of 1 to 3.)

No. of Pages : 119 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8647/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : POWER TRANSFORMER WITH ON-LOAD TAP CHANGER

(51) International classification

:H01F27/14

(31) Priority Document No

:10 2008 027 274.4

(32) Priority Date

:06/06/2008

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP09/002542

Filing Date

:07/04/2009

(87) International Publication No

:WO 2009/146762

A1

(61) Patent of Addition to Application Number:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

(57) Abstract :

The abstract relates to an arrangement of an oil-filled power transformer having an oil-filled stepping switch, wherein only a single oil expansion vessel is provided, this oil expansion vessel being connected both to the oil volume of the stepping switch and also to the transformer tank, which is likewise oil-filled, via corresponding flanges.

No. of Pages : 8 No. of Claims : 3

(71)Name of Applicant :

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1)ALBRECHT, WOLFGANG

2)DOHNAL, DIETER

3)FROTSCHER, RAINER

4)SCHLEPP, KLAUS

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8648/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PET LITTER BOX

(51) International classification	:A01K1/01	(71) Name of Applicant : 1)TRUSSARDI, ROGER Address of Applicant :VIA AI SALICI 8, CH-6930 BEDANO-TICINO Switzerland
(31) Priority Document No	:PCT/IB2008/001772	
(32) Priority Date	:07/07/2008	
(33) Name of priority country	:PCT	
(86) International Application No	:PCT/EP09/057565	
Filing Date	:18/06/2009	
(87) International Publication No	:WO 2010/003794	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pet litter box (1) comprises a base element (10) having a support surface (11) for a pet, an absorbent mat (20) laid on the base element (10), and an open-top frame (30) removably mounted to the base element (10). The frame (30) has a bottom wall (31) associated with the base element (10) with the absorbent mat (20) thereon. The bottom wall (31) has an opening (32) in such position as to entirely overlap at least one portion (21) of the absorbent mat (20), and at least one side wall (35) that extends vertically from the bottom wall (31) to define an entrance (33) for a pet into such portion (21) of the absorbent mat (20).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8649/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SIRNA OF HUMAN OSTEOPONTIN

(51) International classification	:C12N15/09
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP08/060441
Filing Date	:06/06/2008
(87) International Publication No	:WO 2009/147742
	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)UEDE, TOSHIMITSU

(57) Abstract :

The present invention provides siRNA for suppressing expression of human osteopontin in a more specific and strong manner, and a composition and a medicine comprising the same.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8664/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PAGING SCHEME FOR LOCAL NETWORK ACCESS

(51) International classification	:H04W68/00
(31) Priority Document No	:61/079,381
(32) Priority Date	:09/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/050164
Filing Date	:09/07/2009
(87) International Publication No	:WO/2010/006206
(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)ULUPINAR Fatih

2)AGASHE Parag A.

3)GUPTA Rajarshi

(57) Abstract :

Paging and power consumption are managed in conjunction with providing local breakout in a wireless wide area network. In some aspects, if a packet destined for an access terminal is received at an access point that provides local breakout, the access point may inform the network so that the network will cause the access point to page the access terminal. Alternatively, in some aspects an access point that provides local breakout may maintain idle context of the access terminal, whereby the access point may autonomously page the access terminal (i.e.. without! involving the core network). In some aspects local breakout traffic is filtered at an access point lo reduce the number of pages or packets sent to an access terminal. In some aspects an indication of a packet type is provided with a page message to enable an access terminal to determine whether lo receive the packet. In some aspects a local link interface may be selectively disabled or enabled to limit traffic at an access terminal.

No. of Pages : 70 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8666/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : RADIO COMMUNICATION EQUIPMENT

(51) International classification	:H01Q7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP09/061775
Filing Date	:26/06/2009
(87) International Publication No	:WO 2010/001837
	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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3)MIYASHITA, HIROAKI
4)SASAKI, TAKURO
5)OKEGAWA, HIROKATSU
6)MIZUNO, TOMOHIRO**

(57) Abstract :

A radio communication device is obtained which is provided with an RFID tag function which can ensure the mounting area of each antenna as large as possible, and which is sharable with an LF band RFID system or an HF band RFID system and a UHF band RFID system, while having a communication range equivalent to the communication range of each of an LF band an HF band and a UHF band. The device is provided with an integrated circuit (4) having a communication function in a first frequency band, a conductive object (3) connected to one of input and output terminals of the integrated circuit (4), an integrated circuit (5) having a communication function in a second frequency band, and a second conductive object connected between input and output terminals of the integrated circuit (5). The second conductive object is composed of a spiral conductive object (2). The other of the input output terminals of the integrated circuit (4) is connected to a part of the spirally wound conductive object (2).

No. of Pages : 90 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8667/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD FOR PURIFYING ERYTHROPOIETIN

(51) International classification	:C07K14/505
(31) Priority Document No	:102008002209.8
(32) Priority Date	:04/06/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP09/056544
Filing Date	:28/05/2009
(87) International Publication No	:WO 2009/147060 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)REICHERT, DIETMAR

4)EUL, WILFRIED

5)HANKO, RUDOLF

6)BIRR, CHRISTIAN

7)SINHOFER-WOWRA, MONIKA

8)SCHOPOHL-KONIG, DAGMAR

9)FABER, LARS

(57) Abstract :

The present invention relates to a method for preparing erythropoietin, wherein culture supernatant of erythropoietin-producing eukaryotic cells containing erythropoietin are subjected to the following steps: a) Removing the cell components; and b) treating the product from a) to the following chromatography steps in the sequence indicated i) reversed phase chromatography; ii) anion exchange chromatography; iii) hydroxyapatite chromatography.

No. of Pages : 30 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8668/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : USE OF PEGYLATED TYPE III INTERFERONS FOR THE TREATMENT OF HEPATITIS C

(51) International classification	:A61K38/21
(31) Priority Document No	:61/059,237
(32) Priority Date	:05/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/046451
Filing Date	:05/06/2009
(87) International Publication No	:WO 2009/149377
	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)BRISTOL-MYERS SQUIBB COMPANY

(72)Name of Inventor :

1)HAUSMAN, DIANA, F.

2)DODDS, MICHAEL, G.

(57) Abstract :

Methods for treating human patients infected with the hepatitis C virus using pegylated Type III Interferons (IL-28A, IL-28B and IL-29) alone or in combination with other antiviral agents.

No. of Pages : 227 No. of Claims : 90

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8669/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : INTER-CELL INTERFERENCE CANCELLATION FRAMEWORK

(51) International classification	:H04B15/00
(31) Priority Document No	:61/080,051
(32) Priority Date	:11/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/045195
Filing Date	:26/05/2009
(87) International Publication No	:WO/2010/005639
(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)BUDIANU Petru C.

2)PALANKI Ravi

(57) Abstract :

Communication techniques enable efficient communication to an UE (User Equipment) that is subject to a dominant interference signal that is transmitted by a different base station. Disclosed interference cancellation techniques, both UE-centric and network-centric, are suitable to this situation. These techniques are particularly advantageous when undesirable or difficult to introduce changes in the physical (PHY) and medium access control (MAC) layers at the existing base stations. UE-centric framework refers to an approach largely implemented by UEs to include pico or femto cells. Network-centric framework closed-loop coordination between base stations and UEs mitigate interference thereby improving network performance. In particular, an interfering base-station can help a victim UE by adjusting downlink pilot and control power and to adjust traffic data rates responsive to information that the Victim UE s provide. including information about the interfering link and performance of the cancellation itself sent over the air or using the backhaul.

No. of Pages : 47 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8670/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : USAGE OF DEDICATED REFERENCE SIGNAL FOR SUPPORTING COORDINATED MULTIPPOINT TRANSMISSION

(51) International classification	:H04B7/02	(71) Name of Applicant :
(31) Priority Document No	:61/085,759	1)QUALCOMM Incorporated
(32) Priority Date	:01/08/2008	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714 USA.
(86) International Application No	:PCT/US2009/052513	(72) Name of Inventor :
Filing Date	:31/07/2009	1)HOU Jilei
(87) International Publication No	:WO/2010/014967	2)MONTOJO Juan
(61) Patent of Addition to Application Number	:NA	3)PALANKI Ravi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Aspects describe utilizing a dedicated reference signal for supporting Network MIMO, distributed MIMO, Coordinated Multipoint, and the like. A data modulation symbol is transmitting in the same direction as a pilot modulation symbol is transmitted. Two or more wireless devices can coordinate communications such that transmission of the same pilot modulation symbol and the same data modulation symbol are transmitted to a device in different directions, each direction associated with a wireless device and intended for a particular mobile device. Cluster-specific scrambling and/or user-group specific scrambling can be employed and a scrambling code can be communicated prior to transmission of the pilot modulation symbols and data modulation symbols.

No. of Pages : 54 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8627/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : AUTOMATIC AD GROUP CREATION IN A NETWORKED ADVERTISING ENVIRONMENT

(51) International classification	:G06Q30/00
(31) Priority Document No	:12/130,442
(32) Priority Date	:30/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/042581
Filing Date	:01/05/2009
(87) International Publication No	:WO 2009/148737
(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)LISANDRO MIGUEL LEJANO

2)ERIK RUBEN RACHO

3)CLAUDE JONES

(57) Abstract :

A method for organizing an advertising campaign in an Internet environment is provided. The method may include displaying, on a display device, a list of web sites that have attributes that match received selection criteria. The method may also include selecting at least one web site in the list and specifying purchasing information for purchasing advertising space on the at least one web site, associating the at least one web site and the specified purchasing information with an ad group. The web sites in the ad group may have attributes that match the received selection criteria. The ad group may be stored in a memory. The selection criteria may have come by way of an order from an advertiser and may include advertising space position information, demographic information, behavioral information, geographic information, technology information, and web site content information.

No. of Pages : 44 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8628/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : COMBINATION OF BLOOD AND OF BIPHASIC CALCIUM PHOSPHATE CERAMIC PARTICLES

(51) International classification	:A61L2/12, A61L27/36, A61L27/54	(71) Name of Applicant : 1)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE Address of Applicant :3 rue Michel Ange 75016 PARIS FRANCE
(31) Priority Document No	:08 03492	2)CENTRE HOSPITALIER UNIVERSITAIRE DE NICE
(32) Priority Date	:23/06/2008	(72) Name of Inventor :
(33) Name of priority country	:France	1)BALAGUER Thierry
(86) International Application No	:PCT/FR2009/000749	2)ROCHET Nathalie
Filing Date	:22/06/2009	3)TROJANI Christophe
(87) International Publication No	:WO/2010/007230	4)BOUKHECHBA Florian
(61) Patent of Addition to Application Number	:NA	5)CARLE Georges
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a biomaterial containing coagulated blood or coagulated bone marrow aspirate and biphasic calcium phosphate ceramic particles, to a production method thereof and to the use of same for the production of an implant that enables bone tissue regeneration.

No. of Pages : 49 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8629/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD OF MANUFACTURING A COMPOSITE ELEMENT

(51) International classification	:B29C70/48
(31) Priority Document No	:0813785.3
(32) Priority Date	:29/07/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/050900
Filing Date	:22/07/2009
(87) International Publication No	:WO/2010/013029
(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)Martin EDWARDS

3)Risto KALLINEN

4)Nils HAACK

(57) Abstract :

A method of manufacturing a composite element. A stack of plies is assembled on a lay-up table, each ply comprising a plurality of reinforcement elements such as dry-fibres. A first part of the stack of plies is bound to form a partially bound stack of plies, a second part of the stack of plies remaining unbound. The partially bound stack of plies is press-formed in a mould cavity between a pair of mould tools to form a shaped pre-form, plies in the second part of the stack sliding against each other during the press-forming. A liquid matrix material is injected into the shaped pre-form in the mould cavity and subsequently cured. [Figure 13]

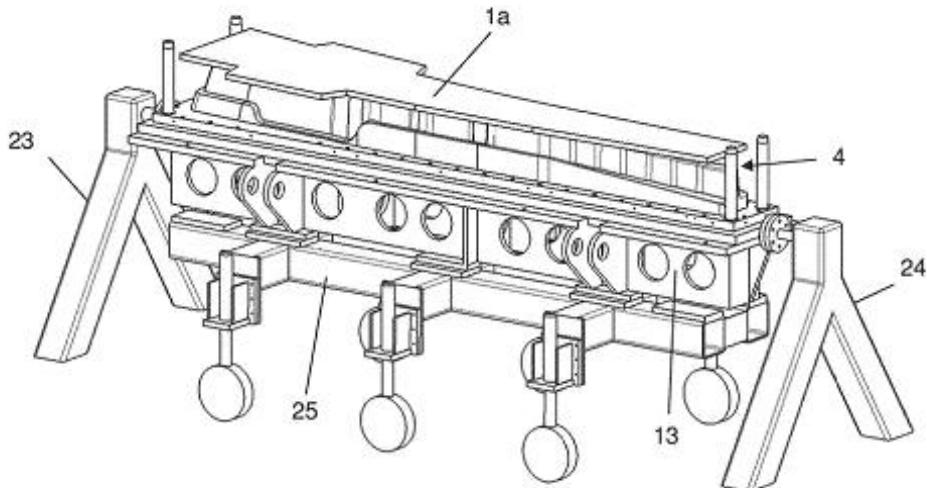


Figure 13

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8596/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ABSOLUTE ELEMENTAL CONCENTRATIONS FROM NUCLEAR SPECTROSCOPY

(51) International classification	:A61B17/34
(31) Priority Document No	:61/075,524
(32) Priority Date	:02/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/049070
Filing Date	:29/06/2009
(87) International Publication No	:WO 2010/002796 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)GRAU, JIM, A.

2)BERHEIDE, MARKUS

3)STOLLER, CHRISTIAN

(57) Abstract :

Systems and methods for estimating absolute elemental concentrations of a subterranean formation from neutron-induced gamma-ray spectroscopy are provided. In one example, a system for estimating an absolute yield of an element in a subterranean formation may include a down hole tool and data processing circuitry. The down hole tool may include a neutron source to emit neutrons into the formation, a neutron monitor to detect a count rate of the emitted neutrons, and a gamma-ray detector to obtain gamma-ray spectra deriving at least in part from inelastic gamma-rays produced by inelastic scattering events and neutron capture gamma-rays produced by neutron capture events. The data processing circuitry may be configured to determine a relative elemental yield from the gamma-ray spectra and to determine an absolute elemental yield based at least in part on a normalization of the relative elemental yield to the count rate of the emitted neutrons.

No. of Pages : 43 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8597/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD OF PRODUCING METAL ZIRCONIUM

(51) International classification	:C25C3/26
(31) Priority Document No	:2008-171837
(32) Priority Date	:30/06/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP09/061879
Filing Date	:29/06/2009
(87) International Publication No	:WO 2010/001866
	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)NAKAMURA, HITOSHI

4)FUSE, KOUKI

5)KAWAMOTO, MITSURU

6)ITO, MASARU

(57) Abstract :

An object of the present invention is to provide a method of producing metal zirconium, the method having a fewer steps and a smaller amount of secondary wastes generated, wherein the metal zirconium is obtained from a zirconium compound containing hafnium. A method of producing metal zirconium according to the present invention includes: a separation step of separating a hafnium oxychloride from a first substance containing a zirconium oxychloride and a hafnium oxychloride to obtain a second substance having a higher content of the zirconium oxychloride; a calcination step of calcining the second substance to obtain a third substance containing at least any of a zirconium oxychloride and a zirconium oxide; and a direct reduction step of holding the third substance in a molten salt with the third substance brought into contact with a cathode and applying a voltage between the cathode and an anode to directly reduce the third substance to obtain metal zirconium.

No. of Pages : 61 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.8598/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD FOR CASTING A COMPOSITE INGOT

(51) International classification	:B22D19/00
(31) Priority Document No	:08012105.6
(32) Priority Date	:04/07/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP09/056811
Filing Date	:03/06/2009
(87) International Publication No	:WO 2010/000553 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)STORM, JOOST CHRISTIAAN

2)TEN CATE, ANDREAS

3)KROPFL, INGO GUNTHER

4)BURGER, ACHIM

(57) Abstract :

The invention relates to a method and apparatus for the casting of a composite metal ingot comprising at least two separately formed layers of one or more alloys, the method comprises providing an elongated solid substrate of a first alloy and a molten melt of a second alloy, a casting mould, the substrate and the casting mould being movable relative to one another, and wherein the casting mould comprises a liquid feed end for supplying the casting mould with a molten second alloy and an exit end with at least one outlet for casting the molten second alloy downwardly onto the substrate, and while continuously moving the casting mould and the substrate relative to one another casting the molten second alloy downwardly though the at least one outlet of the casting mould onto an upper surface of the substrate at a tempera-hire wherein the substrate locally at least partly remelts beginning at a reference point of a remelting zone and mixes at least partly with the molten second alloy to form an alloy pool, and after the remelting the molten alloy pool continuously cools and solidifies at a location away from the reference point and joins the substrate to form the composite ingot before discharging from the casting mould.

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8661/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : COMPOSITION OF SOLUBLE INDIGESTIBLE FIBRE AND OF MICROALGAE USED IN THE WELL-BEING FIELD

(51) International classification	:A23K1/18
(31) Priority Document No	:08 54924
(32) Priority Date	:18/07/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/051445
Filing Date	:20/07/2009
(87) International Publication No	:WO 2010/007331
	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)ROQUETTE FRERES

Address of Applicant :F-62136 LESTREM France

(72)Name of Inventor :

1)DEREMAUX, LAETITIA

2)WILS, DANIEL

(57) Abstract :

The subject matter of the present invention is the use of soluble indigestible fibre for inducing lysis of the cell walls of eukaryotic microalgae in the lumen of the intestine of an omnivorous or carnivorous animal comprising an intestinal flora and also for synergistically increasing the effect of the indigestible fibre in the induction of the growth of the intestinal flora of an omnivorous or carnivorous animal. The subject matter of the invention is also the composition intended for this use and for a method of improving the health or of food supplementation.

No. of Pages : 37 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8662/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PATIENT TRANSFER SYSTEM FOR USE IN STEREOTACTIC RADIATION THERAPY

(51) International classification	:A61G7/10
(31) Priority Document No	:61/073,201
(32) Priority Date	:17/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/046856
Filing Date	:10/06/2009
(87) International Publication No	:WO 2009/155182 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)CIVCO MEDICAL INSTRUMENTS CO., INC.

Address of Applicant :102 HIGHWAY 1S, KALONA, IA
52247 U.S.A.

(72)Name of Inventor :

1)WILSON, ROGER, F.

2)WHITMORE, WILLET, F.

(57) Abstract :

A patient transfer system including a patient support panel, a first base member mounted on a first support structure, e.g., a gurney, and a second base member mounted on a second support structure, e.g., a patient treatment table. The patient support panel has a pair of longitudinally extending side rails. Each base member has at least one clamp arranged to engage a rail of the patient support panel to hold it in place thereon. The clamps are releasable to enable the patient support panel to be slid off of one base member and onto the other base member. If the support structures are spaced apart at least one bridging member is provided to bridge the gap therebetween and allow the patient support member to be slid thereacross. Fig. 1

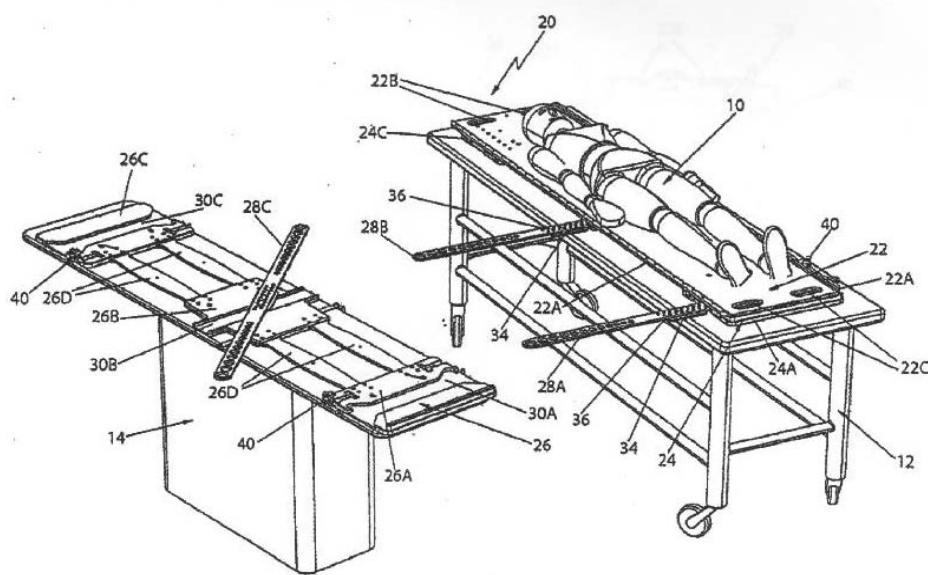


Fig. 1

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2010

(21) Application No.8663/CHENP/2010 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PATIENT POSITIONING SYSTEM

(51) International classification	:A61B19/00
(31) Priority Document No	:61/073,174
(32) Priority Date	:17/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/047154
Filing Date	:12/06/2009
(87) International Publication No	:WO 2009/155211 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)WILSON, ROGER, F.

2)MLYN, MARC

3)DEMOOY, LEO, G.

4)DALBOW, GEOFFREY

5)WHITMORE, WILLET, F.

6)RIBBLE, BRUCE

(57) Abstract :

A system for positioning a patient on a treatment couchtop for SBRT is provided. The system includes a patient support panel and at least one positioning/fixation component for releasable mounting on the patient support panel at a desired position to immobilize a portion of the patients body. The patient support panel includes a pair of longitudinally extending side rails having a series of longitudinally spaced indexing apertures for receipt of a locking bar for mounting a positioning/fixation component thereon at a discrete index position. The at least one positioning component includes a pair of clamping mechanisms for releasably securing that component to the side rails at any longitudinal position along the side rails.

No. of Pages : 52 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1960/KOLNP/2011 A

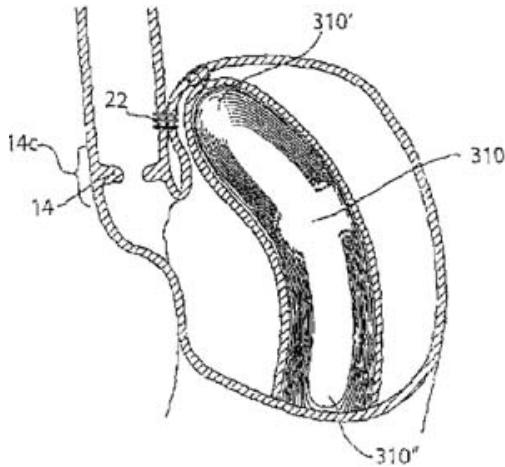
(43) Publication Date : 16/09/2011

(54) Title of the invention : AN APPARATUS FOR TREATING GERD

(51) International classification	:A61F 5/00,A61F 2/04	(71)Name of Applicant :
(31) Priority Document No	:0802138-8	1)MILUX HOLDING SA
(32) Priority Date	:10/10/2008	Address of Applicant :12, RUE GUILLAUME SCHNEIDER, L-2522 LUXEMBOURG
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/SE2009/051155 :12/10/2009	1)FORSELL, PETER
(87) International Publication No	:WO 2010/042062	
(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 reflux disease treatment apparatus, comprising an implantable movement restriction device with an elongated shape that maintains cardia in the correct position and an implantable stimulation device adapted to engage with, the cardia sphincter of a patient. The movement has proximal and a distal end, wherein, the distal end is adapted to stabilize and hold the distal end. The invention further comprises a control device for controlling the Stimulation device to stimulate the cardia sphincter. The distal end can be further adapted to treat obesity, for example by stretching the wall of the stomach or filling out a volume of the stomach.



No. of Pages : 243 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1961/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : POLYOLEFIN COMPOSITION FOR WATER PIPES WITH GOOD RESISTANCE TO CHLORINE DIOXIDE AND LOW MIGRATION

(51) International classification	:C08K 5/13,F16L 9/12	(71) Name of Applicant : 1)BOREALIS AG Address of Applicant :IZD TOWER, WAGRAMERSTRASSE 17-19, A-1220 VIENNA AUSTRIA
(31) Priority Document No	:08022277.1	
(32) Priority Date	:22/12/2008	
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor : 1)ANKER, MARTIN 2)HAGSTRAND, PER-OLA 3)JAMTVEDT, SVEIN 4)PIEL, TANJA
(86) International Application No Filing Date	:PCT/EP2009/009094 :17/12/2009	
(87) International Publication No	:WO 2010/072373	
(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 a polyolefin composition with good resistance to degradation caused by chlorine dioxide-containing water and at the same time showing low migration of the used additives and its decomposition products, especially phenols, out of the composition. The present invention is also directed to a pipe made of such a polyolefin composition. The present invention further relates to the use of the polyolefin composition for the production of a pipe and to the use of a combination of particular types of antioxidants for increasing the resistance of a polyolefin composition against degradation caused by contact with chlorine dioxide-containing water and for maintaining at the same time a low migration of the used additives and its decomposition products, especially phenols, out of the polyolefin composition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1964/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : UPLINK SYNCRONIZATION IN MULTIPLE CARRIER SYSTEM

(51) International classification	:H04W 56/00
(31) Priority Document No	:61/113,157
(32) Priority Date	:10/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2009/006582
Filing Date	:10/11/2009
(87) International Publication No	:WO 2010/053334
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LG ELECTRONICS INC.

Address of Applicant :20, YEOUIDO-DONG,
YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF
KOREA

(72)Name of Inventor :

1)RYU, KI SEON

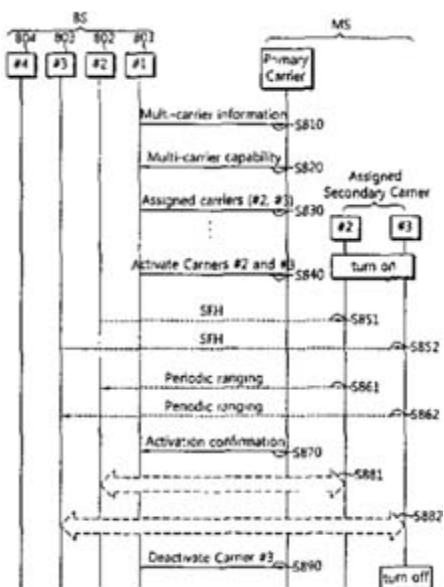
2)LEE, EUNJONG

3)YUK, YOUNGSOO

4)KIM, YONGHO

(57) Abstract :

A method and apparatus of uplink synchronization in a multiple carrier system is provided. After establishing Uplink synchronization for a primary carrier, a secondary carrier based on activation information via the primary carrier is activated. A periodic ranging via the secondary carrier is performed to adjust up-link synchronization for the secondary carrier.



No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1965/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : THIOCHROMENE DERIVATIVES AS HIF HYDROXYLASE INHIBITORS

(51) International classification	:C07D 335/06
(31) Priority Document No	:61/114,971
(32) Priority Date	:14/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064065
Filing Date	:11/11/2009
(87) International Publication No	:WO 2010/056767
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FIBROGEN, INC.

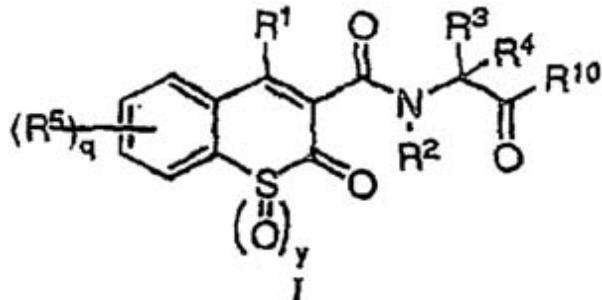
Address of Applicant :409 ILLINOIS STREET, SAN FRANCISCO, CALIFORNIA 94158 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)HO, WEN-BIN
2)WRIGHT, LEE R.
3)TURTLE, ERIC D.
4)MOSSMAN, CRAIG
5)FLIPPIN, LEE A.

(57) Abstract :

The present invention relates to novel compounds, methods, and compositions capable of decreasing HIF Hydroxylase enzyme activity, thereby increasing the stability and/or activity of hypoxia inducible factor (HIF).



No. of Pages : 104 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1967/KOLNP/2011 A

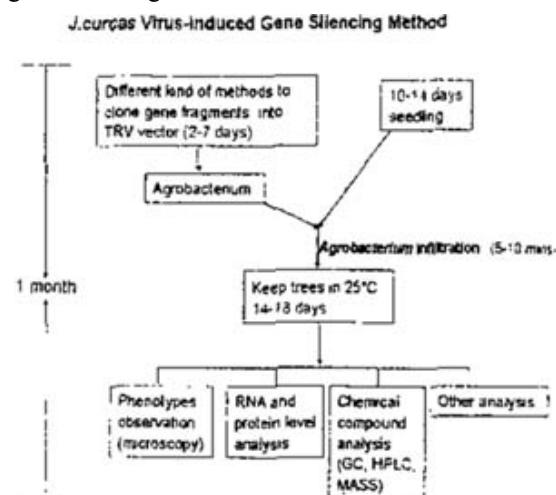
(43) Publication Date : 16/09/2011

(54) Title of the invention : FUNCTIONAL ANALYSIS OF JATROPHA CURCAS GENES

(51) International classification	:C12N 15/83,A01H 1/06	(71) Name of Applicant : 1)TEMASEK LIFE SCIENCE LABORATORY LIMITED Address of Applicant :1 RESEARCH LINK, NATIONAL UNIVERSITY OF SINGAPORE, SINGAPORE 117604 SINGAPORE
(31) Priority Document No	:61/143,484	
(32) Priority Date	:09/01/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/SG2009/000481 :16/12/2009	(72) Name of Inventor : 1)YE, JIAN 2)CHUA, NAM HAI 3)QU, JING
(87) International Publication No	:WO 2010/080071	
(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 the field of functional analysis of jatropha genes on a genomic scale. More specifically, the present invention relates to a method for high-throughput functional analysis of Jatropha curcas genes on a genomic scale using virus-induced gene silencing. The method involves use of The tobacco rattle virus (TRV).



No. of Pages : 57 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1968/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : BLOOD ANALYZER WITH A BLOOD CELL SEDIMENTATION CONTROL MECHANISM AND METHOD OF USE

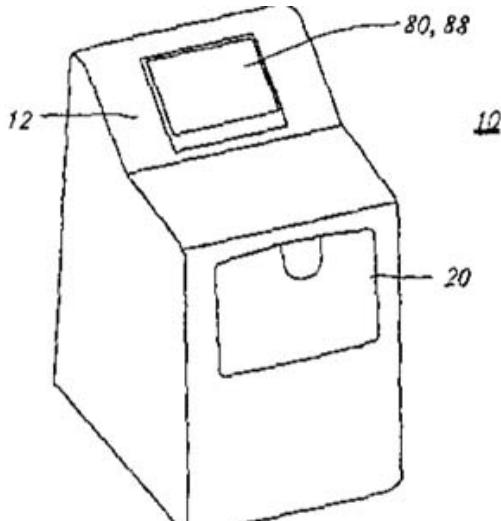
(51) International classification	:A61B 5/145
(31) Priority Document No	:12/339,398
(32) Priority Date	:19/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/SE2009/000520 :16/12/2009
(87) International Publication No	:WO 2010/071542
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

- 1)BOULE MEDICAL AB
Address of Applicant :P.O. BOX 42056, S-126 13
STOCKHOLM SWEDEN
- (72)**Name of Inventor :**
- 1)RITZEN, KALLE
2)NILSSON, MAGDALENA
3)DEMONDSON, SHERB
4)MAGNUSSON, WOLFGANG
5)MAGNUSSON, GUNNAR

(57) Abstract :

A blood analyzer having a blood cell sedimentation control mechanism is disclosed, which includes a cassette receiving interface including a cassette compartment and a blood sensor operable to detect a presence of blood in a disposable cassette removably disposed within the cassette compartment; a system control electrically connected to the blood sensor, and a blood measurement assembly connected to the system control and adapted to connect with the disposable cassette. The system control includes a time recording mechanism and a predetermined sedimentation time control criterion. Further disclosed is a method of controlling blood cell sedimentation during sample preparation process on the blood analyzer.



No. of Pages : 53 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/1995

(21) Application No.1453/CAL/1995 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PROCESS FOR PREPARING 1-(2'-DEOXY-2',2'-DIFLUORO-D-RIBOFURANOSYL)-4-AMINOPYRIMIDIN-2-ONE) HYDROCHLORIDE

(51) International classification	:C07H19/06
(31) Priority Document No	:08/355,372
(32) Priority Date	:13/12/1994
(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 Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)ELI LILLY AND COMPANY

Address of Applicant :LILLY CORPORATE CENTER, CITY OF INDIANAPOLIS, STATE OF INDIANA U.S.A.

(72)**Name of Inventor :**

1)RICHARD ALAN BERGLUND

(57) Abstract :

This invention provides a process for preparing gemcitabine hydrochloride which comprises deblocking β -1- (2-deoxy-2,2-difluoro-3,5-di-O-benzoyl-D- ribofuranosyl)-4-aminopyrimidin-2-one with a catalytic amount of an alkylamine in the presence of methanol or ethanol in an environment essentially free of water; treating the resulting solution with hydrochloric acid and an antisolvent; and recovering the resulting solid gemcitabine hydrochloride.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2011

(21) Application No.1975/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : GENERATOR POWER SYSTEM WITH RESERVED FIRE PROTECTION POWER

(51) International classification	:H02J 9/06
(31) Priority Document No	:10-2008-0100844
(32) Priority Date	:14/10/2008
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2009/005919
Filing Date	:14/10/2009
(87) International Publication No	:WO 2010/044610
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LEE, WON KANG

Address of Applicant :102-702 HANSHIN APT., DOBONG 2-DONG, DOBONG-KU, SEOUL 132-757, KOREA

(72)Name of Inventor :

1)LEE, WON KANG

(57) Abstract :

The present invention relates to an emergency generator power system with reserved fire protection power used for fire protection systems and other emergencies at the time of stop of supplying of normal power and comprising a generator engine and a generator body, a main power circuit breaker, a control panel, and a circuit breaker for fire protection systems and a circuit breaker for other emergencies branched therefrom respectively. The present invention is characterized in that, when a fire and an interruption of power occur in buildings or facilities in which the emergency generator power system is to be installed, power load other than power load for fire protection systems is primarily interrupted, thereby emergency power is safely supplied to the power load for fire protection systems. The construction for achieving the object of the present invention is characterized in that the emergency generator power system comprises a measuring instrument adapted to measure the state of increase of a power load on a main power line passing via main power circuit breaker; and a control instrument connected to the measuring instrument at an input side thereof and connected to the circuit breaker for other emergencies at an output side thereof, such that when the value of the variations of the power load inputted from the measuring instrument reaches a predetermined set value, the circuit breaker for other emergencies is primarily broken, thereby keeping the main power circuit breaker from being broken before the breaking of the circuit breaker for other emergencies,

No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2011

(21) Application No.1976/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : MULTIPLE GLAZING UNIT INCORPORATING AT LEAST ONE ANTIREFLECTION FILM AND USE OF AN ANTIREFLECTION FILM IN A MULTIPLE GLAZING UNIT

(51) International classification	:E06B 3/67
(31) Priority Document No	:0857085
(32) Priority Date	:17/10/2008
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2009/051982 :16/10/2009
(87) International Publication No	:WO 2010/043828
(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)JANSSEN, DAVID

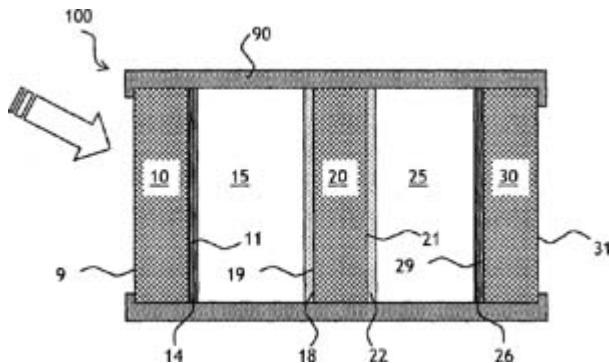
2)NEANDER, MARCUS

3)REYMOND, VINCENT

4)BILLERT, ULRICH

(57) Abstract :

The invention relates to a multiple glazing unit (100) comprising at least three substrates (10, 20, 30) which are held together by a frame structure (90), in which at least two intermediate gas-filled cavities (15, 25) lie each between two substrates, characterized in that at least one substrate (10, 20, 30) has, on at least one face (11, 19, 21, 29) in contact with an intermediate gas-filled cavity (15, 25), an antireflection film (18, 22) which is in a face-to-face relationship relative to said intermediate gas-filled cavity (15, 25), with an insulating film (14, 26) having reflection properties in the infrared and/or in solar radiation.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2011

(21) Application No.1977/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : TRANSPORT OF AN OBJECT ACROSS A SURFACE

(51) International classification	:A63F 3/02
(31) Priority Document No	:10 2008 057 389.2
(32) Priority Date	:14/11/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/007797 :30/10/2009
(87) International Publication No	:WO 2010/054756
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

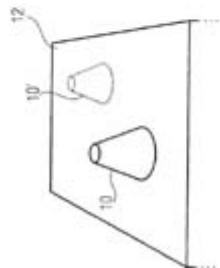
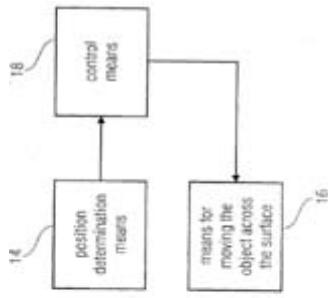
**1)FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG
DER ANGEWANDTEN FORSCHUNG E.V**
Address of Applicant :HANSASTRASSE 27C, 80686
MUENCHEN GERMANY

(72)Name of Inventor :

- 1)STEFAN KRAEGELOH**
- 2)HARALD POPP**
- 3)JOSEF BERNHARD**
- 4)HARALD FUCHS**
- 5)MARC GAYER**
- 6)MANFRED LUTZKY**
- 7)THOMAS SPORER**
- 8)SANDRA BRIX**

(57) Abstract :

A basic idea of the present application is that in case of determining a position of the object (10) on the surface, it is possible to also use transport mechanisms for the transport of the object on the surface which leads to less reproducible transport movements as the regulation may be executed directly on the basis of the observed movement as compared to the desired movement. Embodiments using compressed air, magnetism and/or bending waves are described.



No. of Pages : 71 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1971/KOLNP/2011 A

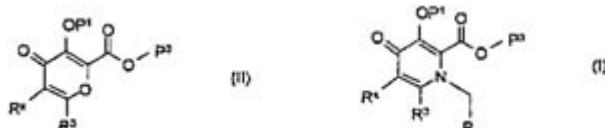
(43) Publication Date : 16/09/2011

(54) Title of the invention : PROCESSES AND INTERMEDIATES FOR CARBAMOYL PYRIDONE HIV INTEGRASE INHIBITORS

(51) International classification	:C07D 213/62	(71) Name of Applicant :
(31) Priority Document No	:61/193,636	1)GLAXOSMITHKLINE LLC
(32) Priority Date	:11/12/2008	Address of Applicant :ONE FRANKLIN PLAZA, 200
(33) Name of priority country	:U.S.A.	NORTH 16TH STREET, PHILADEPHIA, PA 19102 UNITED
(86) International Application No	:PCT/US2009/006461	STATES OF AMERICA
Filing Date	:09/12/2009	2)SHIONOGI & CO. LTD.
(87) International Publication No	:WO 2010/068262	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JOHNS, BRIAN, ALVIN
Filing Date	:NA	2)DUAN, MAOSHENG
(62) Divisional to Application Number	:NA	3)HAKOGI, TOSHIKAZU
Filing Date	:NA	

(57) Abstract :

Processes are provided which create an aldehyde methylene, or hydrated or hemiacetal methylene attached to a heteroatom of a 6 membered ring without going through an olefinic group and without the necessity of using an osmium reagent. In particular, a compound of formula (I) can be produced from (II) and avoid the use of an allyl amine: (formulae I and II) where R, P1 P3, R3 and Rx are as described herein.



No. of Pages : 48 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1972/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : MOBILE STATION AND MOBILE COMMUNICATION METHOD

(51) International classification	:H04W 36/08
(31) Priority Document No	:2008-287109
(32) Priority Date	:07/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/068976
Filing Date	:06/11/2009
(87) International Publication No	:WO 2010/053151
(61) 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.

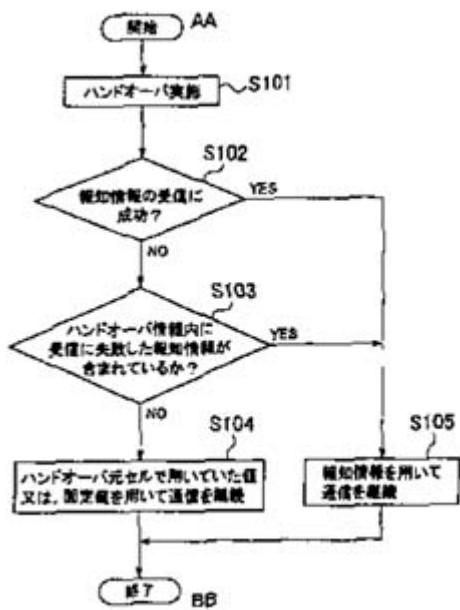
Address of Applicant :11-1, NAGATACHO 2-CHOME,
CHIYODA-KU, TOKYO 100-6150 JAPAN

(72)Name of Inventor :

1)YAMAGISHI, HIROAKI

(57) Abstract :

A mobile station (UE) according to the present invention includes: a control unit (12) configured to acquire predetermined information from handover information and to continue a communication in a second cell by using the acquired predetermined information, when reception of at least one portion of broadcast information by a reception unit (12) is failed.



No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2011

(21) Application No.1973/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SPARK PLUG AND MANUFACTURING METHOD THEREOF

(51) International classification	:H01T 13/32
(31) Priority Document No	:2008-264932
(32) Priority Date	:14/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/005283
Filing Date	:09/10/2009
(87) International Publication No	:WO 2010/044236
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NGK SPARK PLUG CO., LTD.

Address of Applicant :14-18, TAKATSUJI-CHO, MIZUHO-KU, NAGOYA-SHI, AICHI 467-8525 JAPAN

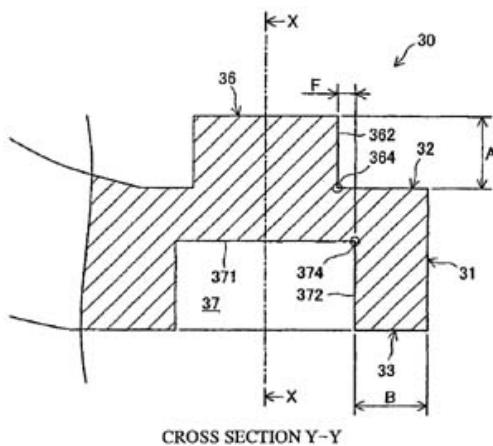
(72)Name of Inventor :

1)KATSUTOSHI NAKAYAMA

2)KOHEI KATSURAYA

(57) Abstract :

There is provided a spark plug 100 with a ground electrode 30, wherein a protrusion amount A of a protruding portion 36 satisfies a relationship of $0.4 \text{ mm} \leq A \leq 1.0 \text{ mm}$ and wherein a width B from a front end surface 31 to a press recessed portion 37 satisfies a relationship of $0.4 \text{ mm} \leq B \leq 2.5 \text{ mm}$.



No. of Pages : 41 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2011

(21) Application No.1974/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SPARK PLUG AND MANUFACTURING METHOD THEREOF

(51) International classification	:H01T 13/32
(31) Priority Document No	:2008-267452
(32) Priority Date	:16/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/005285
Filing Date	:09/10/2009
(87) International Publication No	:WO 2010/044238
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NGK SPARK PLUG CO., LTD.

Address of Applicant :14-18, TAKATSUJI-CHO, MIZUHO-KU, NAGOYA-SHI, AICHI 467-8525 JAPAN

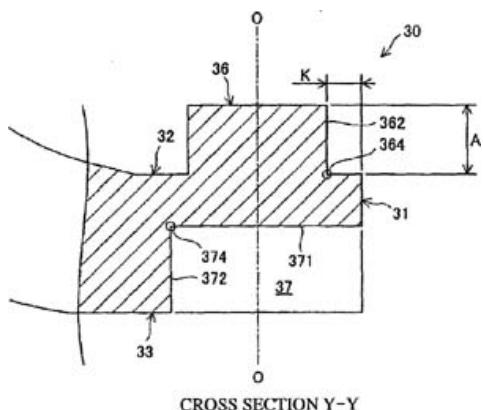
(72)Name of Inventor :

1)KOHEI KATSURAYA

2)KATSUTOSHI NAKAYAMA

(57) Abstract :

There is provided a spark plug 100 with a ground electrode 30, wherein a protrusion amount A of a protruding portion 36 satisfies a relationship of $0.4 \text{ mm} \leq A \leq 1.0 \text{ mm}$ and wherein a press recessed portion 37 extends to a front end surface 31 of the ground electrode 30.



No. of Pages : 37 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2011

(21) Application No.1979/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A DEVICE AND METHOD FOR HOLLOW ORGAN RESECTION AND CLOSURE

(51) International classification	:A61B 17/11
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2008/066653
Filing Date	:02/12/2008
(87) International Publication No	:WO 2010/063313
(61) 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 ENDO-SURGERY, INC.

Address of Applicant :4545 CREEK ROAD CINCINNATI,
OH 45242 U.S.A.

(72)Name of Inventor :

1)LASZLO CSIKY

2)MICHELE D'ARCANGELO

(57) Abstract :

1. A surgical device (1) for hollow organ resection and closure, including an instrument head (2) with a first stump closure plug (4) configured such that the wall of a lumen (6) can be tied up against it, a second stump closure plug (7) configured such that the wall of the lumen (6) to be resected can be tied up against it, defining two adjacent tie up planes (P5, P8), wherein at least one (4) of said first and second stump closure plugs (4, 7) comprises a staple forming surface (10) adapted to cooperate with a circular stapler (51) staple fastening device (11) for forming the ends of staples exiting from the staple fastening device (11) so that said stump closure plug (4) can act as an anvil of said circular stapler (51).

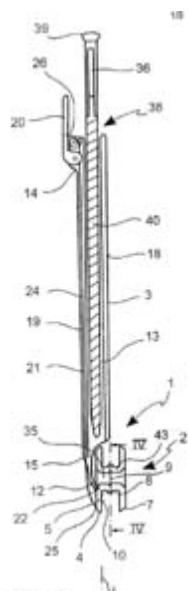


FIG. 1

No. of Pages : 48 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2001/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING A FEDERATED AUTHENTICATION SERVICE WITH GRADUAL EXPIRATION OF CREDENTIALS

(51) International classification	:G06F 7/04
(31) Priority Document No	:12/270,486
(32) Priority Date	:13/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/063845 :10/11/2009
(87) International Publication No	:WO 2010/056655
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

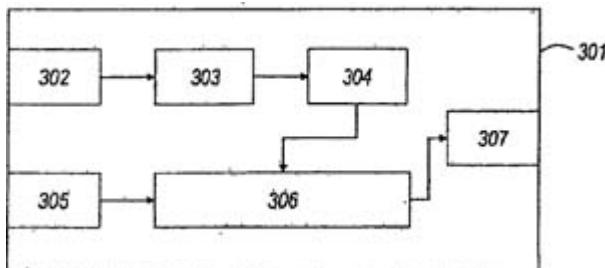
1)VASCO DATA SECURITY INTERNATIONAL GMBH
Address of Applicant :WORLD-WIDE BUSINESS CENTER,
BALZ-ZIMMERMANNSTRASSE 7, CH-8152 GLATTBRUGG
SWITZERLAND

(72)**Name of Inventor :**

1)NOE, FREDERICK

(57) Abstract :

The present invention relates to the field of authentication of users of services over a computer network, more specifically within the paradigms of federated authentication or single sign-on. A known technique consists of associating different trust levels to different authentication mechanisms, wherein the respective trust levels give access to different information resources, notably to provide the possibility to protect more sensitive resources with a stronger form of authentication. The present invention provides a mechanism to allow the trust level to decrease without re-authenticating with the single sign on system, down to the level at which it is no longer sufficient to obtain access to a desired resource. Only then, the user needs to reauthenticate.



No. of Pages : 21 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2002/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PROCESS FOR THE PREPARATION OF [1-HYDROXY-2-(1H-IMIDAZOL-1-YL)-ETHYLIDENE]BISPHONIC ACID

(51) International classification	:C07F 9/38	(71) Name of Applicant :
(31) Priority Document No	:P.386416	1)ZAKLADY FARMACEUTYCZNE POLPHARMA SA Address of Applicant :UL. PELPLIŃSKA 19, PL-83-200
(32) Priority Date	:31/10/2008	STAROGARD GDAŃSKI POLAND
(33) Name of priority country	:Poland	2)POLITECHNIKA GDAŃSKA
(86) International Application No	:PCT/PL2009/000092	(72) Name of Inventor :
Filing Date	:17/10/2009	1)DEMBKOWSKI, LESZEK 2)KRZYZANOWSKI, MARIUSZ 3)RYNKIEWICZ, ROBERT 4)SZRAMKA, ROMAN 5)ROZNERSKI, ZDZISLAW 6)ŻYLA, DANIEL 7)RACHOŃ, JANUSZ 8)MAKOWIEC, SLAWOMIR
(87) International Publication No	:WO 2010/050830	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the preparation of [1-hydroxy-2-(1H-imidazol-1-yl)- ethylidene]bisphosphonic acid consists of the reaction of aqueous solution of 1H-imidazole-1-acetic acid hydrochloride with phosphorus trichloride followed by removal of the excess of phosphorus trichloride, addition of water and hydrolysis of the reaction products. In order to isolate the product the post-reaction mixture is filtered and the anti-solvent is added to the aqueous filtrate in order to crystallize out [1-hydroxy-2-(1H- imidazol-1-yl)-ethylidene]bisphosphonic acid monohydrate.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2003/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ANTITUMOR COMBINATIONS CONTAINING ANTIBODIES RECOGNIZING SPECIFICALLY CD38 AND MELPHALAN

(51) International classification	:A61K 39/00
(31) Priority Document No	:08291116.5
(32) Priority Date	:28/11/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2009/055389
Filing Date	:27/11/2009
(87) International Publication No	:WO 2010/061357
(61) 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

Address of Applicant :174 AVENUE DE FRANCE, F-75013 PARIS FRANCE

(72)**Name of Inventor :**

1)LEJEUNE, PASCALE

2)VRIGNAUD, PATRICIA

(57) Abstract :

Pharmaceutical composition comprising an antibody specifically recognizing CD38 and melphalan.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2004/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : HALOALKYL CONTAINING COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS

(51) International classification :C07C 317/28
(31) Priority Document No :61/114,369
(32) Priority Date :13/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/064227
 Filing Date :12/11/2009
(87) International Publication No :WO 2010/056877
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**

1)VIROBAY, INC.

Address of Applicant :1490 O'BRIEN DRIVE, SUITE G,
MENLO PARK, CALIFORNIA 94025 UNITED STATES OF
AMERICA

(72)**Name of Inventor :**

**1)HART, BARRY
2)GREEN, MICHAEL
3)SETTI, EDUARDO
4)ROEPEL, MICHAEL**

(57) Abstract :

The present invention is directed to compounds that are inhibitors of cysteine proteases, in particular, cathepsins B, K, L, F, and S and are therefore useful in treating diseases mediated by these proteases. The present invention is directed to pharmaceutical compositions comprising these compounds and processes for preparing them.

No. of Pages : 74 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2005/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHODS OF PREPARING QUINOLINE DERIVATIVES

(51) International classification	:C07D 215/22
(31) Priority Document No	:61/199,088
(32) Priority Date	:13/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064341
Filing Date	:13/11/2009
(87) International Publication No	:WO 2010/056960
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EXELIXIS, INC.

Address of Applicant :210 EAST GRAND AVENUE, POST OFFICE BOX 511, SOUTH SAN FRANCISCO, CA 94083-0511 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)WILSON, JO ANN

2)ZUBERI, SHARIQUE

3)NAGANATHAN, SRIRAM

4)GOLDMAN, ERICK

5)KANTER, JAMES

(57) Abstract :

A Method of preparing a compound of formula i(1) or a pharmaceutically acceptable salt thereof, wherein: R1 and R2 join together with the nitrogen atom to which they are attached form a 6 membered heterocycloalkyl X1 is H, Br, Cl or F; X2 is H, Br, Cl or F; s is 2-6; n1 is 1-2; and n2 is 1-2. The method comprising: contacting the compound of formula h(1) with reactant z(1) to yield the compound of formula i (1):

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2006/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : RADIO BASE STATION

(51) International classification	:H04W 72/04
(31) Priority Document No	:2008-287102
(32) Priority Date	:07/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/068956
Filing Date	:06/11/2009
(87) International Publication No	:WO 2010/053144
(61) 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.

Address of Applicant :11-1, NAGATACHO 2-CHOME,
CHIYODA-KU, TOKYO 100-6150 JAPAN

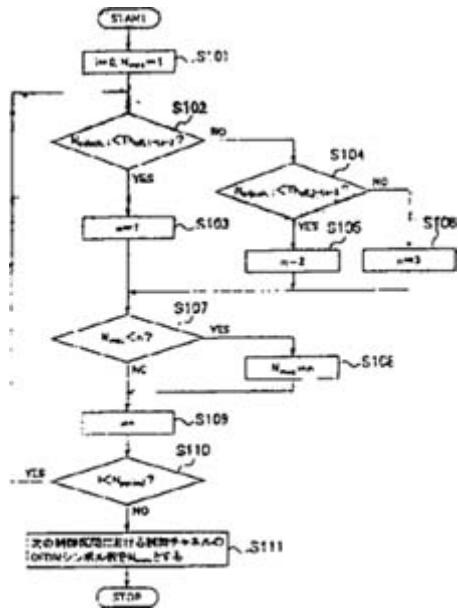
(72)Name of Inventor :

1)OKUBO, NAOTO

2)ISHII, HIROYUKI

(57) Abstract :

A radio base station (eNB) according to the present invention includes: a determination unit (14) configured to determine an assignable OFDM symbol number indicating the number of OFDM symbols in each subcarrier assignable to a control channel in a downlink, in each subframe configured by a predetermined number of OFDM symbols, wherein the determination unit (14) is configured to calculate an OFDM symbol number corresponding to a communication status, in each subframe within a measurement interval, and to set a maximum number of the calculated OFDM symbol numbers to the assignable OFDM symbol number in each subframe within a next control interval that starts after completion of the measurement interval.



No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2007/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : FUSOGENIC PROPERTIES OF SAPOSIN C AND RELATED PROTEINS AND PEPTIDES FOR APPLICATION TO TRANSMEMBRANE DRUG DELIVERY SYSTEMS

(51) International classification	:A61K 9/127
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/US2008/082805 07/11/2008
(87) International Publication No	:WO 2010/053489
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

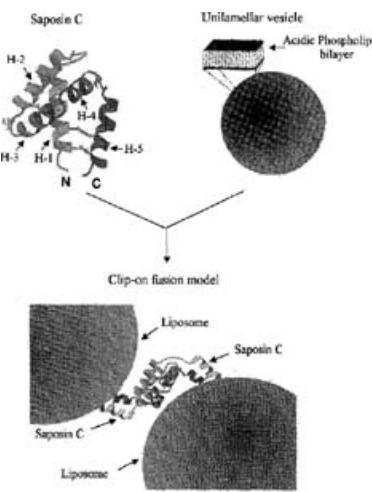
1)CHILDREN'S HOSPITAL MEDICAL CENTER
Address of Applicant :3333 BURNET AVENUE,
CINCINNATI, OH 45229-3039 UNITED STATES OF
AMERICA

(72)**Name of Inventor :**

1)QI, XIAOYANG

(57) Abstract :

The present invention comprises a method for delivering pharmaceutical and/or imaging agents within and/or through the dermal, mucosal and other cellular membranes, and across the blood-brain barrier, utilizing a fusogenic protein. The fusogenic protein is associated with a phospholipid membrane, such as a liposome. The liposome may include dioleoylphosphatidylserine, a negatively charged long-chain lipid. Alternatively, the liposome is comprised of a mixture of negatively charged long-chain lipids, neutral long-chain lipids, and neutral short-chain lipids. Preferred fusogenic proteins include saposin C and other proteins, polypeptides and peptide analogs derived from saposin C. The active agent contained within the liposome may comprise biomolecules and/or organic molecules. This technology can be used for both cosmetic and medicinal applications in which the objective is delivery of the active agent within and/or beneath biological membranes or across the blood-brain barrier and neuronal membranes.



No. of Pages : 137 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2008/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PIN FASTENER

(51) International classification	:A44B 99/00
(31) Priority Document No	:2008-326904
(32) Priority Date	:24/12/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/071073
Filing Date	:11/12/2009
(87) International Publication No	:WO 2010/073967
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)YUGEN KAISHA HOUSEKI-NO-ANGEL

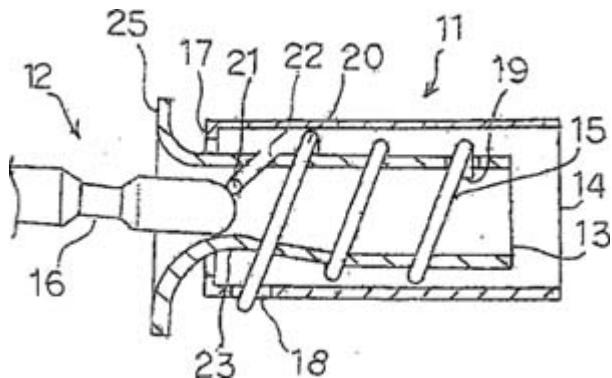
Address of Applicant :HAPPINESS FUJIGAOKA 101, 1
FUJIMIGAOKA, MEITO-KU, NAGOYA-SHI, AICHI 465-0048
JAPAN

(72)Name of Inventor :

1)HASHIMOTO, HISAJIRO

(57) Abstract :

A pin fastener is configured of a cylindrical body into which a pin is inserted, a coil spring wound on the outer periphery of the cylindrical body, and an outer cylindrical body surrounding the outer periphery of the cylindrical body and coil spring, wherein a cut is provided in the cylindrical body, and a linear fastening portion of the coil spring is fitted into the cut, thereby forming a pin fastening narrowed portion between the fastening portion and a wall portion of the cylindrical body opposed thereto. The pin fastener has a simple configuration formed of an extremely small number of parts which are easy to manufacture and assemble, and moreover, a superior working effect in a pinning device can be expected therefrom.



No. of Pages : 60 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2009/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ACIDIC WATER AND ITS USE FOR DRAINAGE OR SEPARATION OF SOLIDS

(51) International classification	:C02F 1/52
(31) Priority Document No	:20085969
(32) Priority Date	:15/10/2008
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2009/050829
Filing Date	:15/10/2009
(87) International Publication No	:WO 2010/043768
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KAUTAR OY

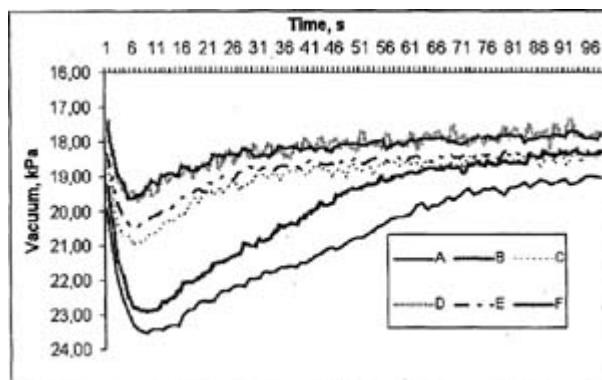
Address of Applicant :VEIKONTIE 1, FI-37630
VALKEAKOSKI FINLAND

(72)Name of Inventor :

1)VIRTANEN, PENTTI

(57) Abstract :

The present invention relates to an aqueous composition, which has a pH value of 6.0-9.0 and which contains salts or esters or both of carbonic acid at a concentration, which is at least 0,01% calculated from the total weight of the aqueous composition, and flocculants, coagulants, or microparticles or a mixture thereof as retention agents, as well as to a method for manufacturing said composition and to the use of said composition for manufacturing paper, for separating water from solid material in filtration, for water treatment, for waste water treatment and for waste sludge treatment.



No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/05/2011

(21) Application No.2021/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : OPTICAL APPARATUS FOR NON-CONTACT MEASUREMENT OR TESTING OF A BODY SURFACE

(51) International classification	:G01B 11/12
(31) Priority Document No	:10 2008 060 621.9
(32) Priority Date	:05/12/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/066271 :02/12/2009
(87) International Publication No	:WO 2010/063775
(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)CARL ZEISS AG

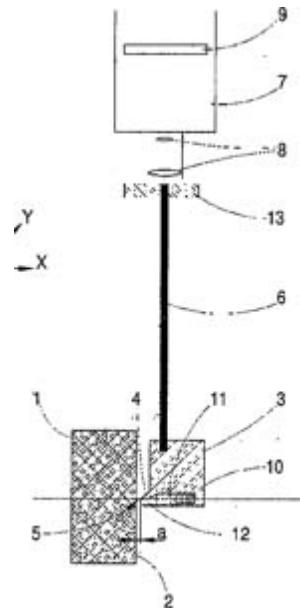
Address of Applicant :CARL-ZEISS-STRASSE 22, 73447 OBERKochen GERMANY

(72)Name of Inventor :

1)GLASENAPP, CARSTEN

(57) Abstract :

The invention relates to an optical arrangement for the non-contacting measurement or testing of properties of a solid's surface, such as curvature, shape, contour, roughness, alignment. The arrangement is suitable both for quality inspection of technical surfaces by measurement or comparison with reference surfaces and for the measurement of microstructures of surfaces. For example, it can be used to measure roughnesses smaller than the wavelength of the illuminating light. According to the invention, an optical arrangement of the kind described comprises means for establishing a gap between the solid's surface and a reference edge, means for imaging the gap on a detector, and an analyzing system connected to the detector, designed to determine gap widths lying adjacent to each other on the basis of the output signals of the detector, and to determine curvature, shape, contour or roughness of the solid's surface on the basis of the gap widths lying adjacent to each other. From the comparison of the images obtained from any two positions within a drilled hole, deductions can be made, among other things, about any tilt between the measuring object and the measuring system.



No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/05/2011

(21) Application No.2023/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ETHOXYDIPHENYLETHANE DERIVATIVE AND PREPARATION METHOD AND USES THEREOF

(51) International classification	:C07C 217/84
(31) Priority Document No	:200810201182.3
(32) Priority Date	:15/10/2008
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2009/074474 :15/10/2009
(87) International Publication No	:WO 2010/043180
(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)SHANGHAI ECUST BIOMEDICINE CO., LTD

Address of Applicant :4TH FLOOR, BUILDING B, NO. 18,
1305 HUAJING ROAD, XUHUI, SHANGHAI 200231 CHINA

2)ZHEJIANG WILD WIND PHARMACEUTICAL CO.,
LTD

(72)Name of Inventor :

1)WU, FANHONG

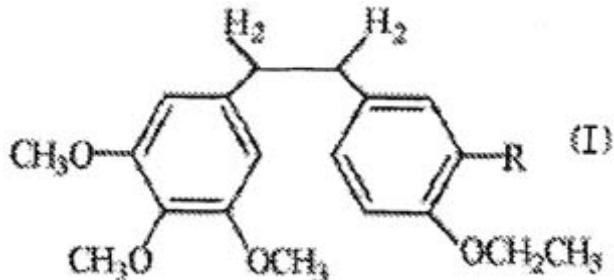
2)ZHOU, WEIGUO

3)XU, FANGMING

4)XIAO, FANHUA

(57) Abstract :

The invention discloses an ethoxydiphenylethane derivative and a synthetic method and uses thereof 4 position of phenylethane B aromatic ring is chemically modified by ethoxy and hydroxy at position 3 thereof is simultaneously modified to water soluble prodrug such as phosphate, and similarly, amino acid side chain is introduced to amino at position 3 to form amino acid amide water soluble prodrug having the structure shown as formula (I) the ethoxydiphenylethane derivative and the prodrug thereof include strong tubulin aggregation inhibiting ability and obvious target damage effect for tumor vessels, selectively cause dysfunction and structural damage of tumor vessels and induce apoptosis of vascular endothelial cells in order to play the role of killing tumor cells or inhibiting tumor metastasis in case that the tumor cells are free from the support of nutrition and oxygen.



No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/05/2011

(21) Application No.2024/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SECURITY DEVICE WITH AT LEAST ONE DURABLE TACTILE MARKING

(51) International classification	:B42D 15/00
(31) Priority Document No	:61/196,469
(32) Priority Date	:17/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/005597
Filing Date	:14/10/2009
(87) International Publication No	:WO 2010/044846
(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)TECHNICAL GRAPHICS, INC.

3)VISUAL PHYSICS, LLC

(72)Name of Inventor :

1)KITTREDGE, JOHN, B.

2)BRIGHAM, KRAIG, M.

3)LEEDS, DANIEL, G.

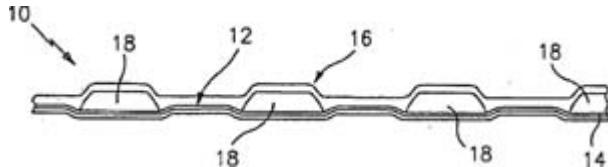
4)COTE, PAUL, F.

5)JORDAN, GREGORY, R.

6)LITTLE, JAMES, L.

(57) Abstract :

A security device having at least one durable tactile marking (16) in the form of one or more relief structures is provided. The one or more relief structures are selected from the group of elastically deformable relief structures, relatively compression 3-resistant relief structures, and combinations thereof. Also provided is a fibrous or non-fibrous sheet material (10) with at least one durable tactile marking, which is suitable for use in making secure and non-secure documents or labels. The tactile marking (s) is applied directly to a surface of the sheet material, or is provided by way of the above-described security device (s), which is mounted on a surface of the sheet material and/or at least partially embedded therein. The durable tactile marking (s) serves to provide a visually challenged person with information concerning the type and/or value of the secure or non-secure document or label.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/05/2011

(21) Application No.2025/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : POLYOLEFIN COMPOSITION FOR WATER PIPES WITH IMPROVED CHLORINE RESISTANCE

(51) International classification	:C08K 5/00
(31) Priority Document No	:08022279.7
(32) Priority Date	:22/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/009093
Filing Date	:17/12/2009
(87) International Publication No	:WO 2010/072372
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BOREALIS AG

Address of Applicant :IZD TOWER,
WAGRAMERSTRASSE 17-19, A-1220 VIENNA AUSTRIA

(72)Name of Inventor :

1)ANKER, MARTIN

2)JAMTVEDT, SVEIN

(57) Abstract :

The present invention relates to the use of compound (A) and compound (B) in a polyolefin composition for increasing the lifetime of a pipe made of said polyolefin composition which pipe is in permanent contact with chlorinated water, wherein compound (A) has the following formula (I): wherein R6, R7 and R8 independently are non-substituted or substituted aliphatic or aromatic hydrocarbyl radicals which may comprise OH-groups, - X1, X2, and X3 independently are H or OH, with the proviso that at least one of X X1, X2, and X3 is OH, and - the entire molecule does not comprise an ester group, wherein compound (B) has the following formula (II): wherein R and R each is the same or different residue and comprising at least 6 carbon atoms.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2029/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : CLARIFICATION PROCESS AT HIGHER CELL DENSITY

(51) International classification	:C07K 1/18
(31) Priority Document No	:61/106,320
(32) Priority Date	:17/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/063565
Filing Date	:16/10/2009
(87) International Publication No	:WO 2010/043700
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PERCIVIA LLC

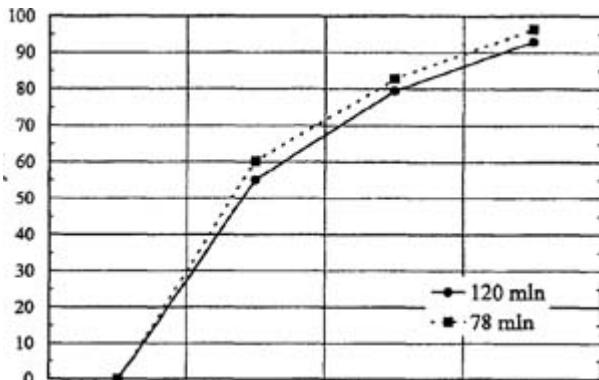
Address of Applicant :ONE HAMPSHIRE STREET, 5TH FLOOR, CAMBRIDGE, MA 02139 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)ZARBIS-PAPASTOITSIS, GRIGORIOS
2)KUCZEWSKI, MICHAEL CHRISTOPHER
3)BELCHER SCHIRMER, EMILY

(57) Abstract :

The present invention relates to a method for the clarification of a cell broth containing mammalian cells as well as secreted desired biological substances having an overall positive charge in the cell broth wherein the cells are present at a high cell density by contacting the cell broth with anion exchange material, allowing an adequate incubation time to allow formation of a cell pellet and a supernatant layer, and separating the resulting cell pellet from the supernatant layer. The present invention further relates to a method for the recovery of secreted desired biological substances from a cell broth containing mammalian cells at a high cell density producing the secreted desired biological substance having an overall positive charge in the cell broth by performing the steps above, followed by extracting secreted desired biological substances from the supernatant layer.



No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2030/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : LIFTING VEHICLE

(51) International classification	:B66C 23/72
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2008/002755
Filing Date	:17/10/2008
(87) International Publication No	:WO 2010/043919
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HH INTELLITECH APS

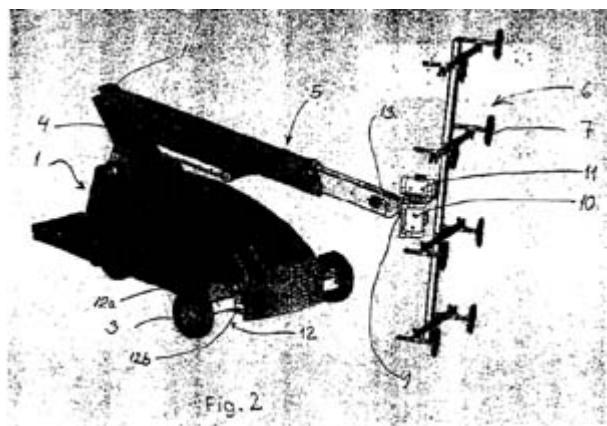
Address of Applicant :NYKOEBING LANDEVEJ 21,
AARSLEV, DK-4200 SLAGELSE DENMARK

(72)Name of Inventor :

1)BAGGE, NIELS, HENRIK

(57) Abstract :

The invention concerns a lifting vehicle (1) comprising a chassis (2) with moving support elements (3), a tower structure (4) mounted thereon, said tower (4) being provided with a pivoting and telescopic boom (5) and a material carrier rack (6) with material- gripping means (7) extending from the rack (6), whereby the rack (6) is connected to the boom (5) by angularly adjustable means (9, 10, 11), said moving support elements (3) being rotated by shafts (12, 12a, 12b), of which at least one is a drive shaft.



No. of Pages : 13 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

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

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD AND APPARATUS FOR INFORMATION TRANSMISSION IN WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04B 7/06
(31) Priority Document No	:61/114,480
(32) Priority Date	:14/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/KR2009/006723 :16/11/2009
(87) International Publication No	:WO 2010/056078
(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)LG ELECTRONICS INC.

Address of Applicant :20, YEOUIDO-DONG,
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(72)Name of Inventor :

1)HAN, SEUNGHEE

2)MOON, SUNGHO

3)KO, HYUNSOO

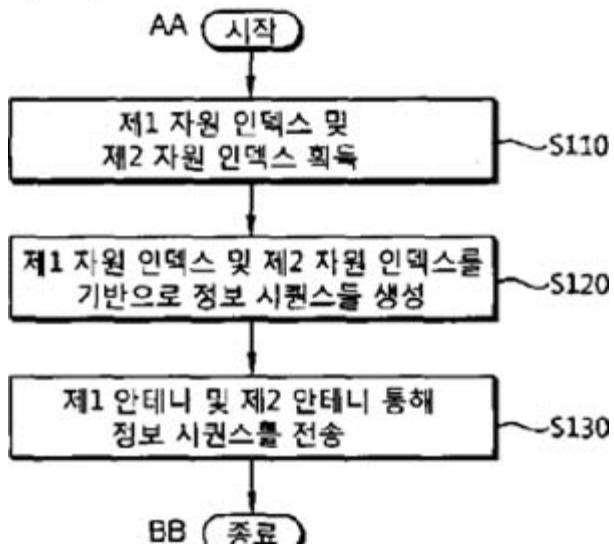
4)CHUNG, JAEHOON

5)LEE, MOON II

6)KWON, YEONG HYEON

(57) Abstract :

Provided are a method and an apparatus for information transmission that is performed by a transmitter in a wireless communication system. The method comprises the steps of: acquiring a first resource index and a second resource index; generating information sequences based on the first resource index and the second resource index; and transmitting the information sequences via a first antenna and a second antenna, wherein the second resource index is acquired from the first resource index and the offset.



No. of Pages : 92 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2032/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PHENOLIC RESIN FOR SHELL MOLDING, PROCESS FOR PRODUCING THE SAME, RESIN COATED SAND FOR SHELL MOLDING, AND SHELL MOLD FORMED OF THE SAME

(51) International classification	:C08G 8/00
(31) Priority Document No	:2008-317113
(32) Priority Date	:12/12/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/006634
Filing Date	:04/12/2009
(87) International Publication No	:WO 2010/067562
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

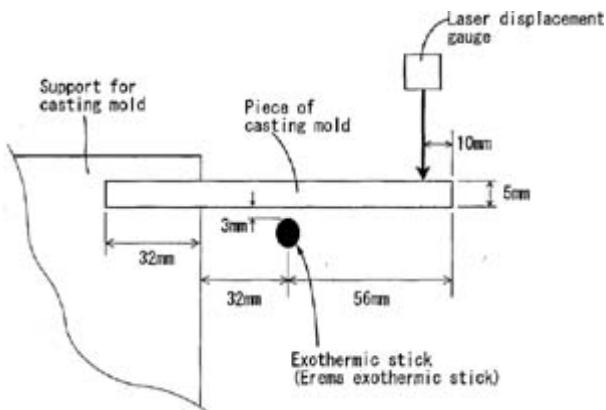
1)ASAHI ORGANIC CHEMICALS INDUSTRY CO., LTD.
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(72)Name of Inventor :

1)MORI, KEIICHI
2)TAKAMA, TOMOHIRO

(57) Abstract :

A phenol resin for shell molding, which can advantageously provide molds that produce little tar in casting and that have both low thermal expansion coefficients and high collapsibility; a resin-coated sand obtained using same; and molds obtained using the resin-coated sand. A phenol resin having such useful characteristics is obtained by reacting a phenol component comprising both a phenol and a naphthol with an aldehyde using a divalent metal salt and/or oxalic acid as the reaction catalyst.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2033/KOLNP/2011 A

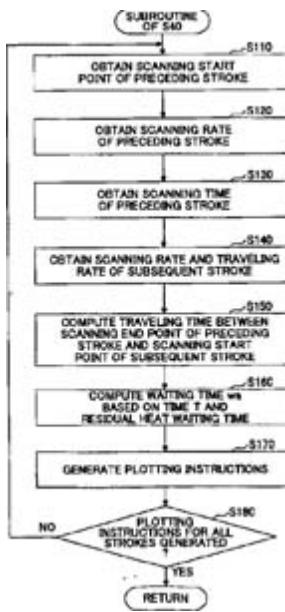
(43) Publication Date : 16/09/2011

(54) Title of the invention : CONTROL DEVICE, LASER PROJECTION DEVICE, RECORDING METHOD, COMPUTER PROGRAM, AND RECORDING MEDIUM

(51) International classification	:G02B 26/10	(71) Name of Applicant :
(31) Priority Document No	:2008-308956	1) RICOH COMPANY, LTD.
(32) Priority Date	:03/12/2008	Address of Applicant :3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO 1438555 JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2009/070211	1) HASEGAWA, FUMIHIRO
Filing Date	:25/11/2009	2) ISHIMI, TOMOMI
(87) International Publication No	:WO 2010/064639	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A control device includes a shape information storage storing shape information to be plotted, a stroke generation unit generating first and second stroke data having transmission start and end coordinates of first and second strokes, a scanning start time computation unit determining scanning start time of the second stroke by adjusting, when selecting first and second points having a shortest distance, a waiting time to scan the second stroke, a traveling rate from the transmission end coordinates of the first stroke to the transmission start coordinates of the second stroke, and scanning rates of scanning the first and second strokes to have a desired time interval between the selected points, a plotting instruction generation unit generating plotting instructions including the scanning start time of the second stroke and the transmission start and end coordinates of the first and second strokes, a plotting instruction storage storing the plotting instructions, and a plotting instruction execution unit executing the plotting instructions.



No. of Pages : 123 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2034/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : CLARIFICATION PROCESS

(51) International classification	:C07K 1/18
(31) Priority Document No	:61/106,324
(32) Priority Date	:17/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/063566
Filing Date	:16/10/2009
(87) International Publication No	:WO 2010/043701
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PERCIVIA LLC

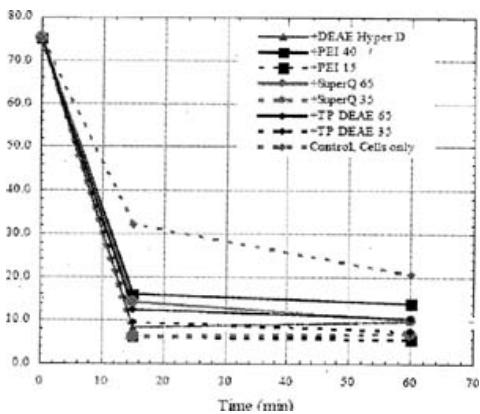
Address of Applicant :ONE HAMPSHIRE STREET, 5TH FLOOR, CAMBRIDGE, MA 02139 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)ZARBIS-PAPAS-TOITSIS, GRIGORIOS
2)KUCZEWSKI, MICHAEL, CHRISTOPHER
3)BELCHER SCHIRMER, EMILY

(57) Abstract :

The present invention relates to a method for the clarification of a cell broth containing cells by the following steps: contacting the cell broth with a particulate anion exchange material having a specific density of the particles of between 1.4 and 3, allowing an adequate incubation time, and separating the resulting cell pellet from the supernatant layer. The present invention further relates to a method for the recovery of secreted desired biological substances from a cell broth containing cells producing the secreted desired biological substance by contacting the cell broth with particulate anion exchange material having a specific density of the particles of between 1.4 and 3 g/ml, allowing an adequate incubation time to result in formation of a cell pellet and a supernatant layer, separating the resulting cell pellet from the supernatant layer and extracting the secreted desired biological substance from the supernatant layer. Optionally, residual biological substance can be further extracted from the resulting cell pellet by one or more washing step.



No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2036/KOLNP/2011 A

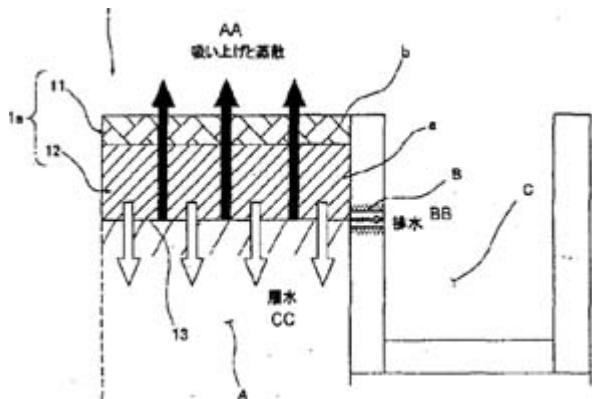
(43) Publication Date : 16/09/2011

(54) Title of the invention : PAVEMENT BODY, METHOD FOR CONSTRUCTING PAVEMENT BODY, AND MOLD FORM FOR CONCRETE

(51) International classification	:E01C 7/32	(71) Name of Applicant :
(31) Priority Document No	:2008-303954	1)BRIDGE CO., LTD.
(32) Priority Date	:28/11/2008	Address of Applicant :5, KAMITOBIA MINAMI
(33) Name of priority country	:Japan	NAKANOTSUBO-CHO, MINAMI-KU, KYOTO-SHI, KYOTO
(86) International Application No	:PCT/JP2009/069999	6018188 JAPAN
Filing Date	:27/11/2009	
(87) International Publication No	:WO 2010/061905	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SHIBATA, NORIAKI
Filing Date	:NA	2)KOUZITANI, TOSHIYUKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In order to provide a pavement body that is well drained and that keeps a part of water at a time of rain so as to avoid generation of a large amount of discharging water, that supplies the kept water to a surface layer at a time of drought and that soaks up the water of the roadbed so as to lower the temperature of the surface layer, a middle layer part (12) is formed by laying a porous aggregate mixture (a) made by mixing a porous material with a solidification material of a cement system, and a surface layer part (11) is formed by laying an asphalt mixture (b) having a water permeable function on the middle layer (12) so that a base course (la) comprising a pavement body (1) is formed.



No. of Pages : 39 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2037/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : E.COLI MEDIATED GENE SILENCING OF BETA-CATENIN

(51) International classification	:C12N 15/113
(31) Priority Document No	:61/114,610
(32) Priority Date	:14/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064409
Filing Date	:13/11/2009
(87) International Publication No	:WO 2010/057009
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MARINA BIOTECH, INC.

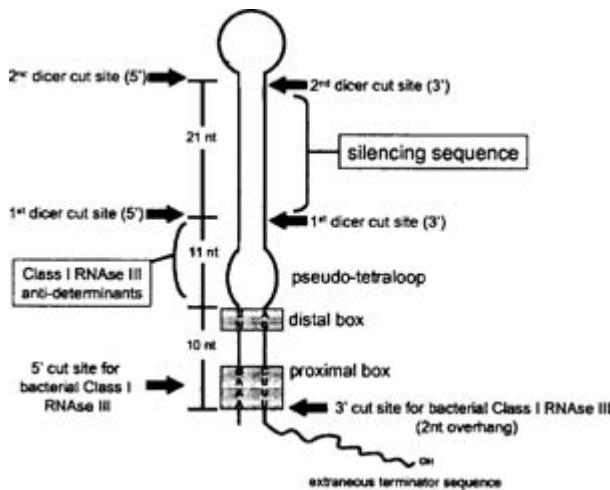
Address of Applicant :3830 MONTE VILLA PARKWAY,
BOTHELL, WA 98021-7266 UNITED STATES OF AMERICA

(72)Name of Inventor :

- 1)FRUEHAUF, JOHANNES, HEINRICH
- 2)VAZE, MORESWHAR, BHANUDAS
- 3)LAROUX, FLOYD, STEPHEN
- 4)SEXTON, JESSICA, ANN
- 5)BOLDUC, GILLES, REMEO

(57) Abstract :

Methods are described for the delivery of one or more small interfering RNAs (siRNAs) to a eukaryotic cell using a bacterium or BTP. Methods are also described for using this bacterium to regulate gene expression in eukaryotic cells using RNA interference, and methods for treating viral diseases and disorders. The bacterium or BTP includes one or more siRNAs or one or more DNA molecules encoding one or more siRNAs. Vectors are also described for use with the bacteria of the invention for causing RNA interference in eukaryotic cells.



No. of Pages : 126 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2039/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PLANT PROTECTION FORMULATIONS COMPRISING DIMETHOMORPH AND DITHIOCARBAMATE

(51) International classification	:A01N 25/04	(71) Name of Applicant :
(31) Priority Document No	:08171121.0	1)BASF SE
(32) Priority Date	:09/12/2008	Address of Applicant :67056 LUDWIGSHAFEN GERMANY
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/EP2009/066644	1)KNIERIEM, TORSTEN
Filing Date	:08/12/2009	2)OTTILLINGER, THOMAS
(87) International Publication No	:WO 2010/066744	
(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 fungicidal plant protection formulations comprising: a) dimethomorph as active substance A and b) at least one active substance B from the group of the dithiocarbamates, where the plant protection formulation is formulated as an oil suspension concentrate of the active substances A and B in a liquid organic diluent C which is selected among hydrocarbons, vegetable oils, fatty acid esters and their mixtures, and where the oil suspension concentrate furthermore comprises at least one surface-active substance D.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2040/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : OLEFIN SELECTIVE FT CATALYST COMPOSITION AND PREPARATION THEREOF

(51) International classification	:B01J 23/78
(31) Priority Document No	:08021306.9
(32) Priority Date	:08/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/008694
Filing Date	:04/12/2009
(87) International Publication No	:WO 2010/066386
(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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AFRICA

(72)**Name of Inventor :**

1)CROUS, REINIER

2)BROMFIELD, TRACY, CAROLYN

3)BOOYENS, SHARON

(57) Abstract :

The present invention relates to a hydrocarbon synthesis catalyst comprising in its unreduced form a) Fe as catalytically active metal, b) an alkali metal and/or alkaline-earth metal in an alkali metal- and/or alkaline-earth metal-containing promoter, the alkali metal, c) and a further promoter comprising, or consisting of, one or more elements) selected from the group of boron, germanium, nitrogen, phosphorus, arsenic, antimony, sulphur, selenium and tellurium, to a process for the synthesis of a hydrocarbon synthesis catalyst, to a hydrocarbon synthesis process which is-operated in the present of such a catalyst and to the use of such a catalyst in a hydrocarbon synthesis process.

No. of Pages : 50 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2042/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD FOR FORMING RUSTPROOF FILM ON PC STRAND AND PC STRAND

(51) International classification	:B05D 7/20
(31) Priority Document No	:2008-271376
(32) Priority Date	:21/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056667
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/122931
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KUROSAWA CONSTRUCTION CO., LTD

Address of Applicant :1-36-7, WAKABA-CHO, CHOFUSHI, TOKYO, 182-0003 JAPAN

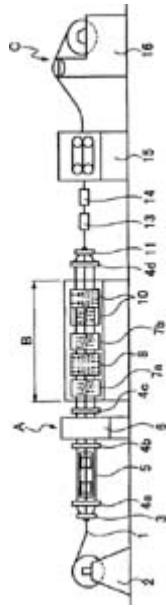
(72)Name of Inventor :

1)RYOHEI KUROSAWA

2)KEI HIRAI

(57) Abstract :

Provided is a method for the highly efficient formation of a uniform, high-quality film with which increased line speed, improved productivity; and cost reduction can be envisaged. A method for forming a rustproof film on a PC strand, wherein a PC stranded (1) is untwisted to separate surrounding wires (1b) from a core wire (1a), a synthetic resin powdered coating material is uniformly deposited by being applied and heated over the outer periphery of the core wire and surrounding wires in this untwisted state, the product is cooled to form a resin film (26), and then the surrounding wires are twisted back to the original state with respect to the core wire. Pre-heating is performed before the coating step and post-heating is performed after the coating step, the pre-heating temperature is set 30 to 130°C higher than the post-heating temperature, a synthetic resin powdered coating material having an average grain size of 40 to 50 µm is used, and the process line speed is 5 to 10 m/min.



No. of Pages : 21 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2043/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : RECORDING MEDIUM, REPRODUCTION DEVICE, INTEGRATED CIRCUIT, REPRODUCTION METHOD, AND PROGRAM

(51) International classification	:H04N 13/04
(31) Priority Document No	:2009-125275
(32) Priority Date	:25/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003372
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/137261
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA-571-8501, JAPAN

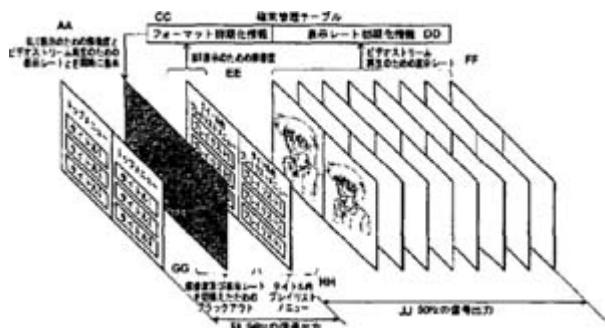
(72)Name of Inventor :

1)LEICHSENRING, GERMANO

2)OTO, HIDETAKA

(57) Abstract :

A recording medium 100 on which an index table, an operation mode object, and byte-code applications are recorded. The index table shows correspondence between one or more titles and one or more operation mode objects. The operation mode object includes an application management table and display rate initialization information. The application management table indicates a byte-code application to be started to a playback device when a title corresponding to the operation mode object is selected as a current title. The display rate initialization information indicates how to initialize a display rate of a display device connected to the playback device when the title corresponding to the operation mode object is selected as the current title.



No. of Pages : 134 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2044/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : IMMUNOASSAY METHOD FOR HUMAN CXCL1 PROTEIN

(51) International classification	:C12N 15/09
(31) Priority Document No	:2008-281908
(32) Priority Date	:31/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/068587
Filing Date	:29/10/2009
(87) International Publication No	:WO 2010/050554
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TORAY INDUSTRIES, INC.

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(72)Name of Inventor :

1)KANAMORI SATOKO

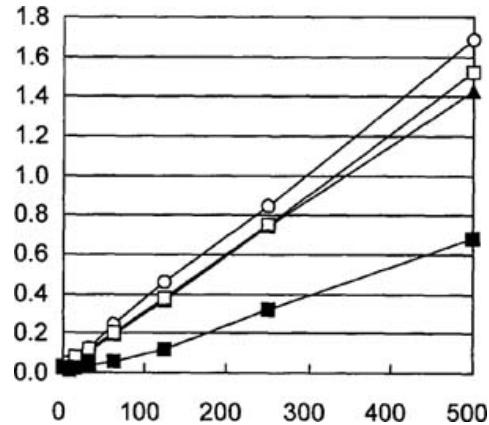
2)JUNG GIMAN

3)TANAKA YOSHINORI

4)TAKAYAMA AIKO

(57) Abstract :

An object of the present invention is to detect a human CXCL1 protein with high sensitivity. An immunoassay method is provided for a human CXCL1 protein, by which human CXCL1 or a fragment thereof in a sample is measured using two or more types of anti-human CXCL1 monoclonal antibodies or fragments thereof, wherein: each of the two or more types of anti-human CXCL1 monoclonal antibodies or fragments thereof specifically recognizes any one of sequence regions of the amino acid sequences shown in SEQ ID NOS: 1-3, which are partial sequences of the amino acid sequence composing a human CXCL1 protein; and the two or more types of anti-human CXCL1 monoclonal antibodies or fragments thereof specifically recognize sequence regions that differ from each other. Monoclonal antibodies or fragments thereof are provided, each of which specifically recognizes any one sequence region of the amino acid sequences shown in SEQ ID NOS: 1-3 and has a new amino acid sequence.



No. of Pages : 115 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2046/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : TIMBER SUPPORT FOR THE CONSTRUCTION INDUSTRY

(51) International classification	:E04G 11/50
(31) Priority Document No	:10 2008 059 817.8
(32) Priority Date	:01/12/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2009/001665
Filing Date	:23/11/2009
(87) International Publication No	:WO 2010/063257
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PERI GMBH

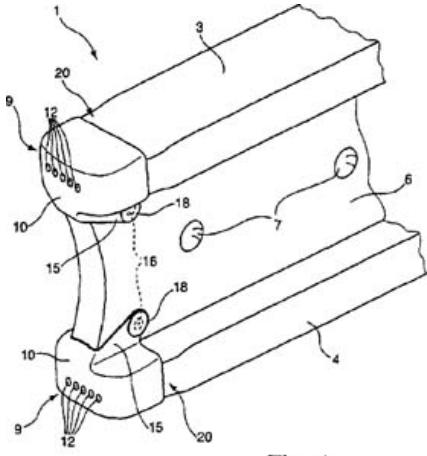
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WEISSENHORN GERMANY

(72)Name of Inventor :

1)BRUNNER, WERNER

(57) Abstract :

Disclosed is a timber support (1) for the construction industry, comprising a top girder (3) and a bottom girder (4) which are interconnected using a joining element (6). A protective cap (10) that surrounds the end (9) of the girder is provided for the end of the girders. Said protective cap (10) for the end of the girders has at least one fastening bracket (15) which partially covers a side of the joining element (6), and said fastening bracket (15) for attaching the protective cap (10) for the end of the girders is fixed to the side of the joining element (6) with the help of fastening means.



No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2047/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ARC WELDING METHOD AND ARC WELDING APPARATUS

(51) International classification	:B23K 9/12
(31) Priority Document No	:2009-197841
(32) Priority Date	:28/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004711
Filing Date	:23/07/2010
(87) International Publication No	:WO 2011/024380
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 JAPAN

(72)Name of Inventor :

1)ATSUHIRO KAWAMOTO

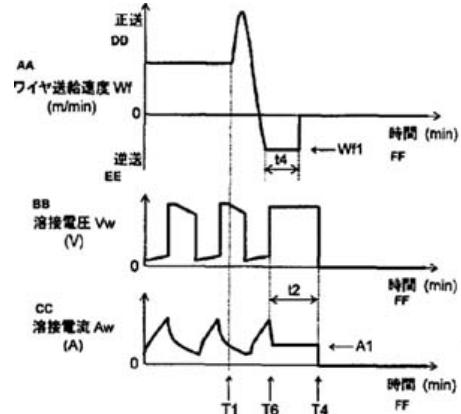
2)YASUSHI MUKAI

3)JUNJI FUJIWARA

4)MASARU KOWA

(57) Abstract :

An arc welding method comprising the steps of accelerating a feeding speed of a welding wire to cause shorting between the welding wire and a base metal when a welding end signal is input during a period of arcing, retracting the welding wire backward thereafter until a wire retracting speed reaches a predetermined rate, controlling the wire retracting speed constant at this speed for a predetermined duration of time, then stopping the backward retraction of the welding wire, and then terminating a welding power output after supplying a predetermined amount of welding current for a predetermined duration of time starting from a time when opening of the shorting occurs during the backward retraction of the welding wire.



No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2048/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ARC WELDING METHOD AND ARC WELDING APPARATUS

(51) International classification	:B23K 9/073
(31) Priority Document No	:2009-176138
(32) Priority Date	:29/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004619
Filing Date	:16/07/2010
(87) International Publication No	:WO 2011/013321
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 JAPAN

(72)Name of Inventor :

1)JUNJI FUJIWARA

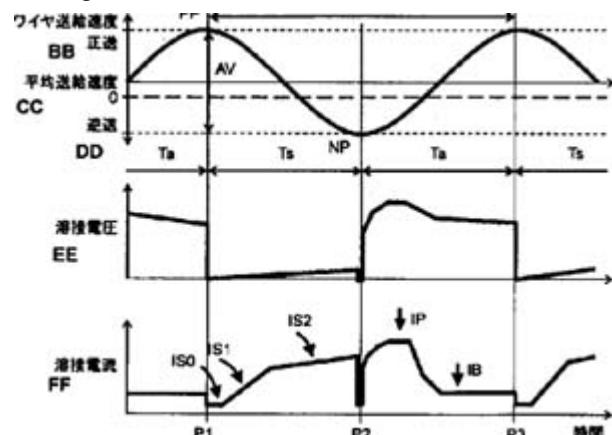
2)YASUSHI MUKAI

3)ATSUHIRO KAWAMOTO

4)MASARU KOWA

(57) Abstract :

The arc welding method of the present invention is a consumable electrode arc welding in which a welding wire feeding rate suitable for a welding current is determined as an average feeding rate, and the short circuit state and the arc generation state are alternately generated by changing the wire feeding periodically and repeatedly between the forward feeding and the reverse feeding. The method offers arc welding with the average feeding rate according to a welding current, a predetermined frequency, and a predetermined velocity amplitude. In the method, at least any one of the frequency and the velocity amplitude is set to a value suitable for the welding current.



No. of Pages : 36 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2049/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : WHEEL BEARING APPARATUS FOR A VEHICLE

(51) International classification	:F16C 33/58
(31) Priority Document No	:2008-284977
(32) Priority Date	:06/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/005868
Filing Date	:05/11/2009
(87) International Publication No	:WO 2010/052908
(61) 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

Address of Applicant :3-17, KYOMACHIBORI 1-CHOME,
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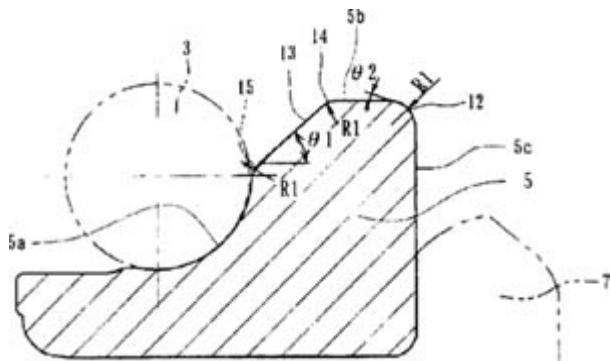
(72)Name of Inventor :

1)KAZUNARI YAMAMOTO

2)TAKUMI YAMADA

(57) Abstract :

An object of the present invention is to provide a wheel bearing apparatus for a vehicle which can prevent generation of cracks on the inner ring in the caulking work from dents caused by mutual collision between the inner rings and thus improve the durability and reliability of the inner ring. According to the present invention there is provided a wheel bearing apparatus for a vehicle comprising an outer member formed on its inner circumference with double row outer raceway surfaces; an inner member including a hub wheel and at least one inner ring, the hub wheel being integrally formed on its one end with a wheel mounting flange and having on its outer circumference an axially extending cylindrical portion, the inner ring being press-fitted onto the cylindrical portion of the hub wheel, and the inner member further being formed on its outer circumference with inner raceway surfaces opposing to the outer raceway surfaces of the outer member; double row balls freely rollably contained between the inner raceway surfaces and the outer raceway surfaces respectively of the inner member and the outer member; and the inner ring being axially secured relative to the hub wheel by a caulked portion formed by plastically deforming the end of the cylindrical portion radially outward characterized in that a tapered auxiliary raceway surface is formed on the outer circumference of the inner ring near its inner raceway surface, that a chamfered portion between the outer circumference and the caulked end face of the inner ring is formed as having a circular arc cross-section, and that the radius of curvature of the circular arc cross-section of the chamfered portion is set within a range of R1.2-R3.0.



No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2050/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : HETEROCYCLIC BENZIMIDAZOLES AS TRPM8 MODULATORS

(51) International classification :A61K 31/4188
(31) Priority Document No :61/105,449
(32) Priority Date :15/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/060407
 Filing Date :13/10/2009
(87) International Publication No :WO 2010/045166
(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 R. PLAYER

2)DANIEL J. PARKS

3)WILLIAM PARSONS

4)SANATH K MEEGALLA

5)CARL R. ILLIG

6)SHELLEY K. BALLENTINE

(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: wherein Wi, W2, W3, R1, R1a, R2, R2a, R3, V, Q, and X are defined herein.

No. of Pages : 156 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2051/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD AND DEVICE FOR THE DETECTION OF APPROACHING RAIL VEHICLES ON THE TRACKSIDE AND FOR WARNING PERSONS

(51) International classification	:B61L 23/06
(31) Priority Document No	:102008060186.1
(32) Priority Date	:28/11/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/064957 :11/11/2009
(87) International Publication No	:WO 2010/060795
(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)SIEMENS AKTIENGESELLSCHAFT

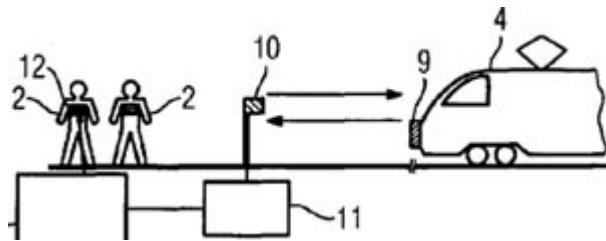
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MÜNCHEN GERMANY

(72)Name of Inventor :

1)BOCK, ULRICH
2)EVERS, BERNHARD
3)SCHNIEDER, LARS

(57) Abstract :

The invention relates to a method for the detection of approaching rail vehicles (4) on the track side for the purpose of warning persons (2) or groups of persons, characterized in that RFID (radio frequency identification) signals which are continuously emitted on the vehicle side are received on the track side and are evaluated with regard to their potential danger and/or that RFID signals are generated on the track side and are received by the person to be warned (2) via individual-bound RFID receivers in the event of danger.



No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.2052/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD FOR PRODUCING SINTERED ORE

(51) International classification	:C22B 1/20
(31) Priority Document No	:2008-305842
(32) Priority Date	:01/12/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/070440
Filing Date	:30/11/2009
(87) International Publication No	:WO 2010/064717
(61) 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

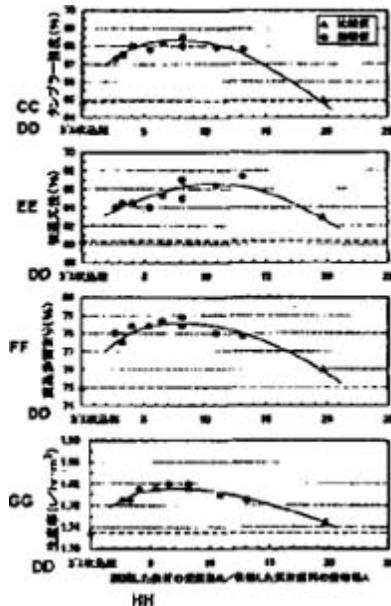
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(72)Name of Inventor :

1)NOBUYUKI OYAMA

(57) Abstract :

Proposed is a method for producing sintered ore by feeding a gaseous fuel on the downstream side of an ignition furnace of a sintering machine, in which the amount of carbonaceous material contained in the sintering raw material is optimized in relation to the gaseous fuel, whereby high-strength, high-quality sintered ore can be stably produced, and the CO₂ generation amount can be reduced. The method for producing sintered ore includes a charging step of charging a sintering raw material including fine ore and a carbonaceous material onto a pallet; an ignition step of igniting the carbonaceous material in the surface of the sintering bed; a gaseous fuel feeding step of feeding a gaseous fuel above the sintering bed; and a sintering step of sucking the diluted gaseous fuel and air with a wind box disposed under the pallet into the sintering bed, combusting the carbonaceous material in the sintering bed and combusting the diluted gaseous fuel in the sintering bed in which the carbonaceous material has been combusted, to thereby perform sintering. The amount of carbonaceous material in the sintering raw material is reduced compared with the case where the gaseous fuel is not fed, and preferably, reduced in the amount equivalent to or more than the combustion heat of the gaseous fuel to be fed in the gaseous fuel feeding step.



No. of Pages : 60 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2053/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : MULTI-LINK ENGINE

(51) International classification	:F02B 75/32
(31) Priority Document No	:2008-270149
(32) Priority Date	:20/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB2009/006995
Filing Date	:29/09/2009
(87) International Publication No	:WO 2010/046741
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NISSAN MOTOR CO., LTD.

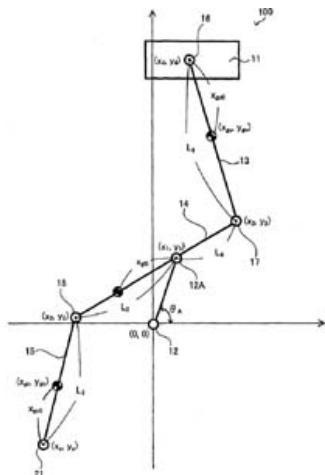
Address of Applicant :2 TAKARA-CHO, KANAGAWA-KU
YOKOHAMA-SHI, KANAGAWA 221-0023, JAPAN

(72)Name of Inventor :

1)YUUSUKE SATOU

(57) Abstract :

A multi-link engine (100) is provided with an upper link (13), a lower link (14) and a control link (15). The upper link (13) is pivotally connected to a piston (11) by a piston pin (16). The lower link (14) is rotatably mounted on a crankpin (12A) of a crankshaft (12) and connected to the upper link (13) by an upper pin (17). The control link (15) is rotatably connected to the lower link (14) by a control pin (18) and pivotally mounted on a pivot portion (21) of a control shaft (20). The links (13, 14, 15) are configured and arranged with respect to each other such that inertia forces of a prescribed second or higher order in terms of an engine rotational speed act on at least the upper link (13) and the control link (15) in a transverse direction of the engine (100) with a sum of leftward and rightward inertia forces of the prescribed second or higher order being substantially zero.



No. of Pages : 49 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2054/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD FOR MULTIMEDIA CONTENT SEARCH ON THE INTERNET

(51) International classification	:G06F 17/30
(31) Priority Document No	:MI2008A 001858
(32) Priority Date	:20/10/2008
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2009/007508
Filing Date	:20/10/2009
(87) International Publication No	:WO 2010/046086
(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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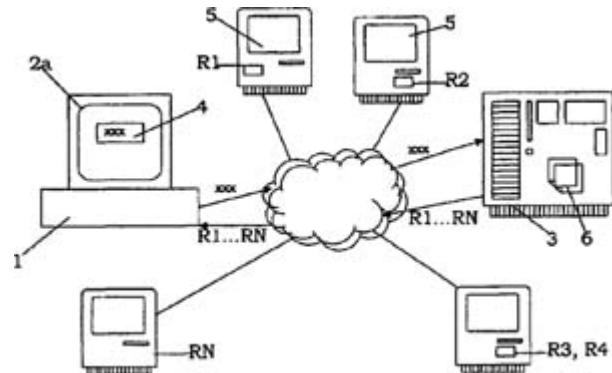
Address of Applicant :LUNGOTEVERE DELLE NAVI, 19, I-00196 ROMA, ITALY

(72)Name of Inventor :

1)LOTITO, GIANPIERO GIUSEPPE

(57) Abstract :

Method for multimedia content search on the internet, comprising the steps of: connecting a client (1) to the internet; loading a search page (20) of an internet provider (3), comprising a field (4) in which a search text (xxx) is inserted associated to a multimedia content to be searched (R1,..., RN); transmitting the search text (xxx) from the client (1) to the provider (3); executing an application (60) in the provider (3) to detect multimedia contents (R1,..., RN) stored in a plurality of servers (50-54) connected thereto and associated to the search text (xxx); transmitting a results page (20a) from the provider (3) to the client (1), comprising at least one internet address for each detected multimedia content (R1,..., RN). The method further comprises the steps of: detecting predetermined types (T1,..., TN) of multimedia contents (R1,..., RN); automatically associating each detected multimedia content (R1,..., RN) to a predetermined type (T1,..., TN); dividing the results page (20a) into a plurality of areas (A1,..., An), each associated to a corresponding type (T1,..., TN); loading into each area (A1,..., An) a predetermined number of internet addresses of said detected multimedia contents (R1,..., RN).



No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2011

(21) Application No.1978/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ORIENTATION FILM, ORIENTATION FILM MATERIAL, LIQUID CRYSTAL DISPLAY HAVING ORIENTATION FILM, AND METHOD FOR FORMING THE SAME

(51) International classification	:G02F 1/1337
(31) Priority Document No	:2008-271376
(32) Priority Date	:21/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/002862
Filing Date	:23/06/2009
(87) International Publication No	:WO 2010/047011
(61) 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

Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU,
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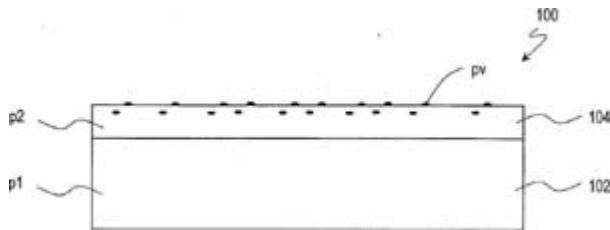
(72)Name of Inventor :

1)MASANOBU MIZUSAKI

2)YOHEI NAKANISHI

(57) Abstract :

An alignment film material according to the present invention includes: a precursor of a first polyimide (p1); a second polyimide (p2) and a precursor thereof; and a vinyl-type monomer. The vinyl-type monomer is represented by general formula (1) P1-A1-(Z1-A2)n-P2 (in general formula (1), P1 and P2 are, independently, acrylate, methacrylate, acrylamide or methacrylamide; A1 and A2 represent, independently, 1,4-phenylene, 1,4-cyclohexane or 2,5-thiophene, or naphthalene-2,6-diyl or anthracene-2,7-diyl; at least one of A1 and A2 is substituted by at least one fluorine group; and Z1 is a -COO- group, a -OCO- group, a -O- group, a -CONH- group or a single bond, where n is 0 or 1).



No. of Pages : 162 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2059/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : THERMOFORMABLE THREE DIMENSIONAL RETROREFLECTIVE ARTICLE AND METHOD OF MANUFACTURE

(51) International classification	:G02B 5/128	(71) Name of Applicant :
(31) Priority Document No	:61/115,567	1)AVERY DENNISON CORPORATION
(32) Priority Date	:18/11/2008	Address of Applicant :150 N. ORANGE GROVE BLVD., PASADENA, CA 91103-3596 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2009/064734	1)HANNINGTON, MICHAEL, E.
Filing Date	:17/11/2009	
(87) International Publication No	:WO 2010/059600	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A three dimensional retroreflective article having an outer surface with a reflectivity of at least about 200 lux, and method for making such an article from a thermoformable laminate is provided. The laminate includes a base layer of thermoformable plastic sheet material; and a layer of microbeads configured in a high-density arrangement and silvered on their bottom sides to enhance retroreflectivity. The microbeads are adhered to an outer surface of the base layer by a thermofbrmable cushion coat which may include a phosphorescent pigment to further enhance reflectivity. A protective sheet of transparent thermoformable sheet material overlies and may be in contact with the layer of microbeads. The laminate is heated and thermoformed into a self supporting three dimensional article having a pre-selected shape and an encapsulated bead retroreflective surface having a reflectivity of at least about 200 lux. The thermoforming step imparts sufficient non-planarity in the resulting retroreflective surface so that retroreflective dead spots created by contact between the microbeads and the protective sheet of transparent sheet material are effectively optically cancelled by overlapping zones of retroreflectivity generated by the microbeads.



No. of Pages : 25 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2060/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ARYLY GPR120 RECEPTOR AGONISTS AND USES THEREOF

(51) International classification

:C07D 231/12,A61K
31/41

(31) Priority Document No

:61/107,314

(32) Priority Date

:21/10/2008

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2009/061356

Filing Date

:20/10/2009

(87) International Publication No

:WO 2010/048207

(61) Patent of Addition to Application

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

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(72)Name of Inventor :

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- 2)NOVACK, AARON**
- 3)NASHASHIBI, IMAD**
- 4)PHAM, PHUONGLY**
- 5)RABBAT, CHRISTOPHER J.**
- 6)SONG, JIANGAO**
- 7)SHI, DONG FANG**
- 8)ZHAO, ZUCHUN**
- 9)CHOI, YUN-JUNG**
- 10)CHEN,XIN**

(57) Abstract :

Aryl GPR120 agonists are provided. These compounds are useful for the treatment of metabolic diseases, including Type II diabetes and diseases associated with poor glycemic control.

No. of Pages : 174 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2061/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : MOVEMENT RECOGNITION AS INPUT MECHANISM

(51) International classification	:G06F 3/033
(31) Priority Document No	:61/116,430
(32) Priority Date	:20/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/065364
Filing Date	:20/11/2009
(87) International Publication No	:WO 2010/059956
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AMAZON TECHNOLOGIES, INC.

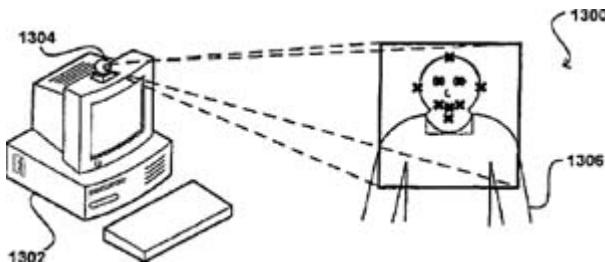
Address of Applicant :PO BOX 8102, RENO, NV 89507
UNITED STATES OF AMERICA

(72)Name of Inventor :

1)BEZOS, JEFFREY, P.

(57) Abstract :

The detection of relative motion or orientation between a user and a computing device can be used to control aspects of the device. For example, the computing device can include an imaging element and software for locating positions, shapes, separations, and/or other aspects of a users facial features relative to the device, such that an orientation of the device relative to the user can be determined. A user then can provide input to the device by performing actions such as tilting the device, moving the user's head, making a facial expression, or otherwise altering an orientation of at least one aspect to the user with respect to the device. Such an approach can be used in addition to, or as an alternative to, conventional input devices such as keypads and touch screens.



No. of Pages : 74 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2062/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A METHOD OF MANUFACTURING A PRODUCT THAT CONTAINS A SCENTED COMPOUND

(51) International classification	:B41M 3/00
(31) Priority Document No	:U20080375
(32) Priority Date	:20/11/2008
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2009/050941
Filing Date	:20/11/2009
(87) International Publication No	:WO 2010/058085
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KA AROMA MARKETING OY

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FINLAND

(72)Name of Inventor :

1)NYFORS, PETRI

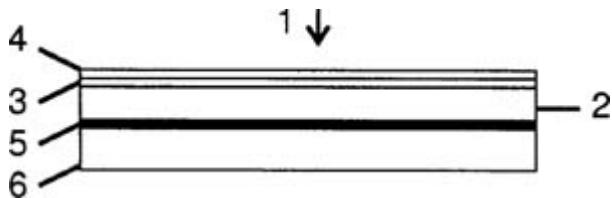
2)JÄRVENPÄÄ, JANNE

3)KEROVUO, HANNU

4)PIPPURI, JUHA

(57) Abstract :

The invention relates to a method of manufacturing a product that contains a scented compound, a product manufactured by this method and the use of such a product. The method according to the invention comprises at least printing one or more scented compounds, which are added to printing ink (3), varnish (4) and/or adhesive (5), on at least one surface of the base material (2) of the product (1) by the screen printing process.



No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2063/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : OPENABLE AND CLOSABLE CONTAINER

(51) International classification	:B65D 43/16
(31) Priority Document No	:2008-292490
(32) Priority Date	:14/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/068594
Filing Date	:29/10/2009
(87) International Publication No	:WO 2010/055778
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNI-CHARM CORPORATION

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SHIKOKUCHUO-SHI, EHIME-KEN JAPAN

(72)Name of Inventor :

1)HAYASHI, HIROO

2)BANDOH, TAKESHI

3)UEDA, TAKAHIRO

4)HAYASHI, MASAHO

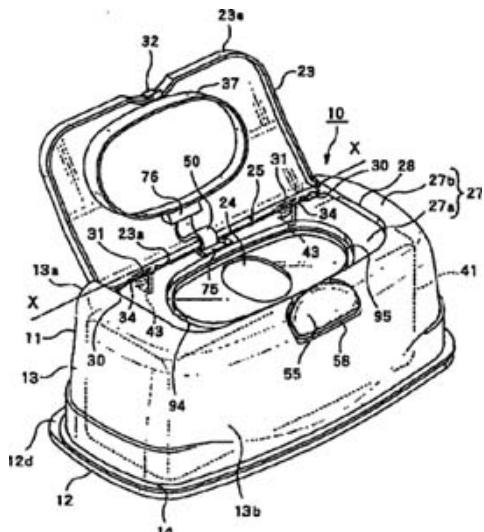
5)UEMATSU, HIROSHI

6)UENISHI, TOSHIHIKO

7)OCHI, NORIO

(57) Abstract :

An openable and closable container 10 includes a container body 11 having a take-out opening 24; an opening-closing lid 23 provided on the container body 11 swingably about a swing axis X-X on a base end 23a side, the opening-closing lid 23 opening/closing the take-out opening 24; and plate rubber (an elastic member) 50 provided between the container body 11 and the opening-closing lid 23. A spring body 34 is provided on the base end 23a side of the opening-closing lid 23 and a sloping portion (a braking portion) 43 with which the spring body 34 comes into contact is provided on the container body 11 side. The spring body 34 is gradually compressed from the state where the opening-closing lid 23 is closed toward the state where the opening-closing lid 23 is opened.



No. of Pages : 58 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2064/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SUBSTITUTED PYRAZOLO[1,5-A]PYRIMIDINE COMPOUNDS AS TRK KINASE INHIBITORS

(51) International classification	:C07D 471/04,A61K 31/519	(71) Name of Applicant : 1)ARRAY BIOPHARMA INC. Address of Applicant :3200 WALNUT STREET, BOULDER, COLORADO 80301 UNITED STATES OF AMERICA
(31) Priority Document No	:61/107,616	
(32) Priority Date	:22/10/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2009/061519 :21/10/2009	(72) Name of Inventor : 1)HAAS, JULIA 2)ANDREWS, STEVEN, W. 3)JIANG, YUTONG 4)ZHANG, GAN
(87) International Publication No	:WO 2010/048314	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Compounds of Formula (I) in which R1, R2, R3, R4, X, Y and n have the meanings given in the specification, are inhibitors of Trk kinases and are useful in the treatment of diseases which can be treated with a Trk kinase inhibitor.

No. of Pages : 111 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2065/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : BALL NOSE END MILL AND INSERT

(51) International classification	:B23C 5/10
(31) Priority Document No	:12/313,998
(32) Priority Date	:26/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/050413
Filing Date	:13/07/2009
(87) International Publication No	:WO 2010/062411
(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 :232 C AVENUE, CORONADO, CA
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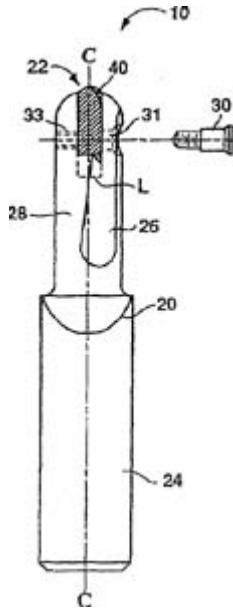
(72)Name of Inventor :

1)HUGHES, DONALD, R.

2)BIGGS, TRAVIS, J.

(57) Abstract :

A cutting insert for a ball nose end mill includes a body including two opposed substantially flat retention surfaces. Each retention surface includes a chip control groove thereon extending from a point at or near an axial center of the body at an angle relative to the axial center of the body. The insert further includes a peripheral surface joining the two retention surfaces, wherein the peripheral surface includes a locating surface at a first end thereof and two arcuate surfaces at an opposed, second end thereof extending rearwardly from approximately the axial center of the second end and positioned on opposite sides of the insert symmetrically with respect to the centerline of the insert. The arcuate surfaces each including an arcuate cutting edge at the intersection of outer portion of a chip control groove and the arcuate surface. The arcuate surfaces are formed with a face clearance angle under the cutting edges.



No. of Pages : 24 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2066/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : HYDROGENATION OF ESTER, KETONE OR ALDEHYDE GROUPS WITH RUTHENIUM COMPLEXES HAVING A DI-AMINE AND A PHOSPHOROUS-NITROGEN BIDENTATE LIGAND

(51) International classification	:B01J 31/18	(71) Name of Applicant :
(31) Priority Document No	:PCT/IB2008/055000	1)FIRMENICH SA
(32) Priority Date	:28/11/2008	Address of Applicant :1, ROUTE DES JEUNES, P. O. BOX 239, CH-1211 GENEVA 8 SWITZERLAND
(33) Name of priority country	:IB	(72) Name of Inventor :
(86) International Application No	:PCT/IB2009/055368	1)SAUDAN, LIONEL
Filing Date	:26/11/2009	2)SAUDAN, CHRISTOPHE (DECEASED)
(87) International Publication No	:WO 2010/061350	
(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 catalytic hydrogenation and, more particularly, to the use of specific ruthenium catalysts, or pre-catalysts, in hydrogenation processes with molecular H₂ for the reduction of ketones, aldehydes and esters or lactones into the corresponding alcohol or diol respectively. Said catalysts are ruthenium complexes comprising a ligand of the type (N-N) type, in which at least one of said amino groups is a secondary or primary amine (i.e. a NH or NH₂) and a ligand of the type (P-N) in which N belongs to a tertiary amino group, a N, N, N trisubstituted carboxiamide (a C(=N)N moiety) or a N- substituted imidoate (a C(=N)O moiety).

No. of Pages : 51 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2067/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : INTEGRATED SENSOR ARRAYS FOR BIOLOGICAL AND CHEMICAL ANALYSIS

(51) International classification	:G01N 27/416
(31) Priority Document No	:61/196,953
(32) Priority Date	:22/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/005745
Filing Date	:22/10/2009
(87) International Publication No	:WO 2010/047804
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LIFE TECHNOLOGIES CORPORATION

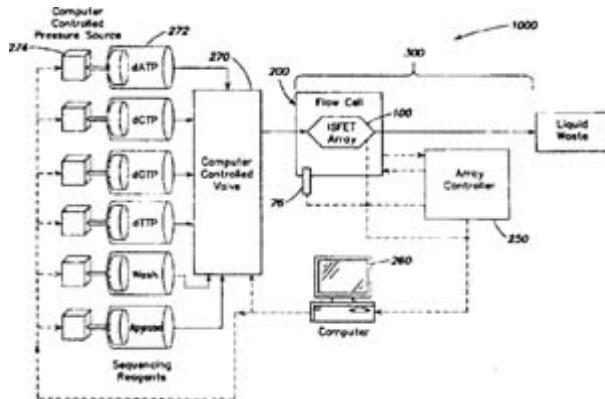
Address of Applicant :5791 VAN ALLEN WAY,
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AMERICA

(72)Name of Inventor :

- 1)ROTHBERG, JONATHAN, M.
- 2)SCHULTZ, JONATHAN, C.
- 3)JOHNSON, KIM, L.
- 4)REARICK, TODD, M.
- 5)MILGREW, MARK, JAMES
- 6)MARRAN, DAVID
- 7)BUSTILOO, JAMES, M.

(57) Abstract :

The invention is directed to apparatus and chips comprising a large scale chemical field effect transistor arrays that include an array of sample-retaining regions capable of retaining a chemical or biological sample from a sample fluid for analysis. In one aspect such transistor arrays have a pitch of 10 µm or less and each sample-retaining region is positioned on at least one chemical field effect transistor which is configured to generate at least one output signal related to a characteristic of a chemical or biological sample in such sample-retaining region. In one embodiment, the characteristic of said chemical or biological sample is a concentration of a charged species and wherein each of said chemical field effect transistors is an ion-sensitive field effect transistor having a floating gate with a dielectric layer on a surface thereof, the dielectric layer contacting said sample fluid and being capable of accumulating charge in proportion to a concentration of the charged species in said sample fluid. In one embodiment such charged species is a hydrogen ion such that the sensors measure changes in pH of the sample fluid in or adjacent to the sample -retaining region thereof. Apparatus and chips of the invention may be adapted for large scale pH-based DNA sequencing and other bioscience and biomedical applications.



No. of Pages : 61 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2068/KOLNP/2011 A

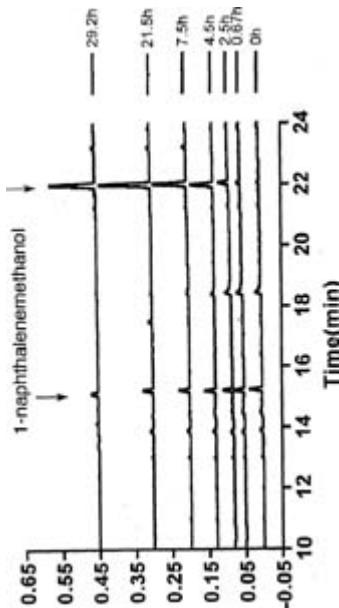
(43) Publication Date : 16/09/2011

(54) Title of the invention : NAPHTHAMIDES AS ANTICANCER AGENTS

(51) International classification	:A01N 35/00,A61K 31/12	(71)Name of Applicant :
(31) Priority Document No	:61/196,937	1)OREGON HEALTH & SCIENCE UNIVERSITY
(32) Priority Date	:21/10/2008	Address of Applicant :2525 S.W. 1ST AVENUE, SUITE 120, MAIL CODE AD 120, PORTLAND, OR 97201 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2009/061503 :21/10/2009	1)XIAO, XIANGSHU 2)LI, BINGING
(87) International Publication No	:WO 2010/048302	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A compound (particularly useful for inhibiting cancer) according to formula (I): or a pharmaceutically acceptable salt thereof, wherein: x is 0 or 1; R1-R6 are each independently H, -CN, -NO₂, -NO, -OH, halogen, hydroxylalkyl, carboxyl, substituted carboxyl, aminocarbonyl, alkoxy, carbonyl or substituted carbonyl; R7 is H, alkyl, alkyl amino, aminoacyl, hydroxyacetyl, heteroaryl, heterocycloalkyl, alkyl heteroaryl or alkyl heterocycloalkyl; R8 is H or alkyl; A is O or N; and Ar is an aryl, substituted aryl, heteroaryl, or substituted heteroaryl, provided that if R7 is H then Ar is aryl substituted with alkyl amino.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2069/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : RADIO FREQUENCY SIM CARD, RADIO FREQUENCY CARD READER AND MAGNETIC INDUCTION CONTROL METHOD FOR RADIO FREQUENCY COMMUNICATION

(51) International classification	:G06K 7/00
(31) Priority Document No	:200810217967.X
(32) Priority Date	:26/11/2008
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2009/074556 :22/10/2009
(87) International Publication No	:WO 2010/060326
(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)NATIONZ TECHNOLOGIES INC.

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ZONE, NANSHAN DISTRICT, SHENZHEN CITY,
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(72)Name of Inventor :

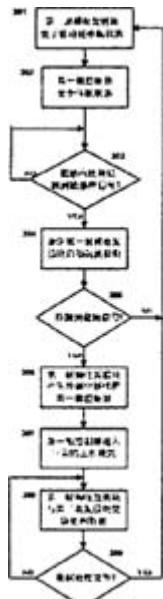
1)SUN, YINGTONG

2)ZHU, SHAN

3)LI, MEIXIANG

(57) Abstract :

The present invention involves an RF SIM card, an RF card Reader, and magnetic induction control methods in RF Communication. The RF SIM card includes a SIM card core, a first RF transceiver module, a first RF antenna and a first microcontroller, and a magnetic induction module. When the magnetic induction module does not receive a matching magnetic field signal, the first RF transceiver module and the first microcontroller are both in a dormant state. When the magnetic induction module receives a magnetic field signal generated by the magnetic field generation module, the received magnetic field signal is converted to an electrical signal to activate the first RF transceiver module. The first RF transceiver module subsequently examines whether an RF modulation signal exists to determine whether to generate an external interruption to wake up the first microcontroller, and further enters a normal working state to exchange data with the RF card reader. The present invention greatly reduces the power consumption of the SIM card, and effectively controls the RF communication range and avoids read error and unintended reading.



No. of Pages : 15 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2070/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : INTERCELL INTERFERENCE COORDINATION FOR RADIO RESOURCE CONTROL

(51) International classification	:H04W 28/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2008/051178
Filing Date	:20/10/2008
(87) International Publication No	:WO 2010/047627
(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)DIMOU, KONSTANTINOS

2)FODOR, GABOR

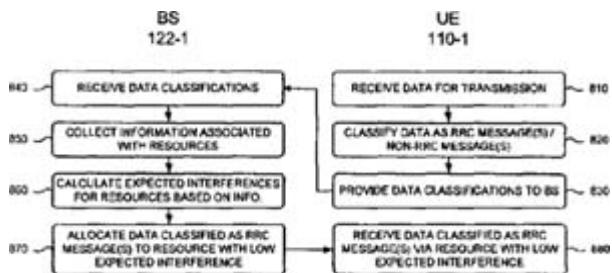
3)FURUSKÄR, ANDERS

4)MÜLLER, WALTER

5)SIMONSSON, ARNE

(57) Abstract :

A system includes a first device (110) to classify data as one of a control message or a non-control message, and provide the classification of the data to a second device (122). The second device (122) receives the classification of the data, receives information associated with a resource (460), calculates an expected interference associated with the resource (460) based on the information associated with the resource (460), and allocates, to the resource (460), data classified as a control message when the expected interference corresponds to a low expected interference.



No. of Pages : 36 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2071/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : VALVE ACTUATOR

(51) International classification	:F16K 31/122
(31) Priority Document No	:PA 2008 01764
(32) Priority Date	:11/12/2008
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2009/050326
Filing Date	:09/12/2009
(87) International Publication No	:WO 2010/066257
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALFA LAVAL CORPORATE AB

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(72)Name of Inventor :

1)ANDERSEN, JENS CHRISTIAN FOLKMAR

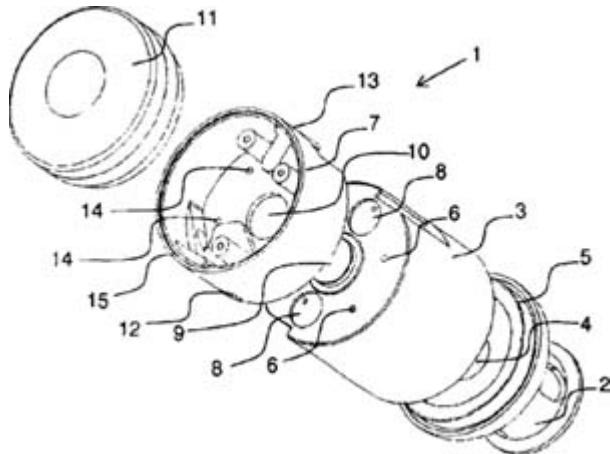
2)MADSEN, KARSTEN SCHACK

3)REHHOFF, KENNETH

4)AGNER, LOUISE WICHMANN

(57) Abstract :

Actuator (1) for a seat valve or a butterfly valve which is of the type that is normally closed (NC) or normally open (NO), and also contains a cylinder (3) and a piston being held in the normal position by a spring. Said spring virtually consists of a closed space with a pressurised fluid, and the actuator further consists of at least a top unit (7), with two or more connections (12,13) for a pressurised fluid. The actuator is with one of said connections in the top unit that further is connected to the inside of said cylinder through one or more openings at one end of the cylinder and another connection is connected to the inside of said cylinder through one or more openings at the other end of said cylinder. The top unit is with a design allowing the connections to be interchanged by changing the position of said top unit, e.g. by turning the top unit 180 degrees around an axis corresponding to or parallel to the axis of the piston and cylinder.



No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2072/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A DECANTER CENTRIFUGE WITH A HINGED LID

(51) International classification	:B04B 7/02
(31) Priority Document No	:PA 2008 01681
(32) Priority Date	:28/11/2008
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2009/050305
Filing Date	:17/11/2009
(87) International Publication No	:WO 2010/060432
(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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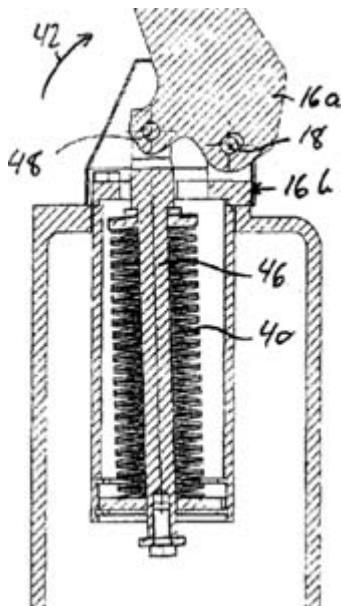
Address of Applicant :BOX 73, S-22100 LUND SWEDEN

(72)Name of Inventor :

1)REIFF, HENRIK

(57) Abstract :

A centrifuge housing has a lid with a hinge with two hinge parts (16a, 16b) and a horizontal hinge axis (18). The lid is able to rotate (42) between a closed position, in which the lid's centre of gravity is positioned on one side of a vertical plane through the hinge axis, and a fully opened position, in which the centre of gravity is positioned on the other side of the vertical plane. A longitudinal spring (40) is connected to a connection member (46) for urging it longitudinally. The connection member (46) is connected at a hinge point (48) at a distance from the hinge axis (18). The spring (40) assists raising the lid initially during opening and closing the lid initially during closing from the fully opened position. The lid has a position of stable equilibrium in an intermediate position between the closed position and a vertical position.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2073/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD FOR COLLISION WARNING AND COLLISION WARNING SYSTEM

(51) International classification

:B61L 23/34

(31) Priority Document No

:102008060185.3

(32) Priority Date

:28/11/2008

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP2009/064960

Filing Date

:11/11/2009

(87) International Publication No

:WO 2010/060797

(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)SIEMENS AKTIENGESELLSCHAFT

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(72)Name of Inventor :

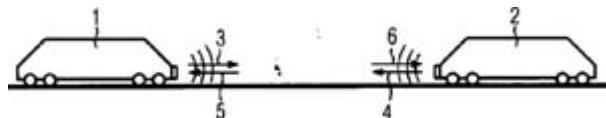
1)BOCK, ULRICH

2)EVERS, BERNHARD

3)SCHNIEDER, LARS

(57) Abstract :

The invention relates to a method for collision warning for rail-bound vehicles (1,2) and a corresponding collision warning system. In order to dispense with cost-intensive and highly complicated safeguarding technology, it is provided that RFID (radio frequency identification) signals (3, 4) are generated inside the vehicle and are emitted, and that RFID signals (6, 5) of other vehicles (2, 1) are received and evaluated for collision risk.



No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2074/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : TEST INSTALLATION FOR ELECTRICAL FILTERS

(51) International classification	:B03C 3/68
(31) Priority Document No	:102008060597.2
(32) Priority Date	:05/12/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/064418
Filing Date	:02/11/2009
(87) International Publication No	:WO 2010/063523
(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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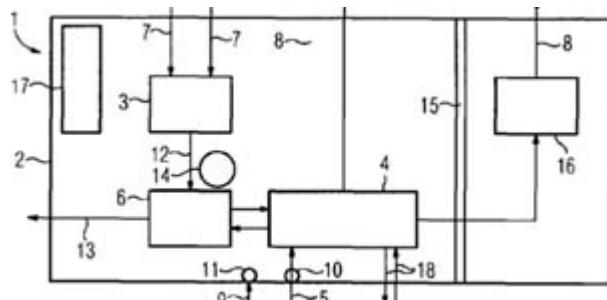
1)MICHAEL KLÖCKNER

2)MICHAEL, STEINGRÄBER

3)ANDREAS ZINTL

(57) Abstract :

The invention relates to a test installation for electrical filter installations, wherein the test installation has, in the interior of a housing, a dust measurement device, a converter control cabinet, a feed for the converter control cabinet, a computer, connecting apparatuses for connecting the dust measurement device to a clean and a raw-gas dust channel of the electrical filter installation, cables for connecting the converter control cabinet to a high-voltage rectifier for the electrical filter installation, as well as a power connection, and wherein the housing has recesses for passing through at least the connecting apparatuses, the cable and power supplies for the feed and for the power connection.



No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2055/KOLNP/2011 A

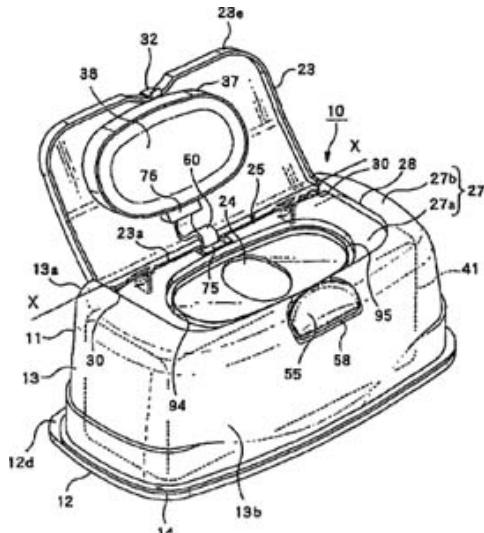
(43) Publication Date : 16/09/2011

(54) Title of the invention : OPENABLE AND CLOSABLE CONTAINER

(51) International classification	:B65D 53/04	(71) Name of Applicant :
(31) Priority Document No	:2008-292563	1)UNI-CHARM CORPORATION
(32) Priority Date	:14/11/2008	Address of Applicant :182, SHIMOBUN, KINSEI-CHO, SHIKOKUCHUO-SHI, EHIME-KEN JAPAN
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2009/068596	(72) Name of Inventor :
Filing Date	:29/10/2009	1)BANDOH, TAKESHI
(87) International Publication No	:WO 2010/055780	2)UEDA, TAKAHIRO
(61) Patent of Addition to Application Number	:NA	3)HIRAMATSU, IKUE
Filing Date	:NA	4)HAYASHI, MASAHO
(62) Divisional to Application Number	:NA	5)UEMATSU, HIROSHI
Filing Date	:NA	6)UENISHI, TOSHIHIKO
		7)OCHI, NORIO

(57) Abstract :

An openable and closable container 10 includes a container body 11 having a take-out opening 24, and an opening-closing lid 23 provided on the container body 11 swingably about a swing axis X-X on a base end 23a side of the lid, the lid opening and closing the take-out opening 24. Plate rubber (an elastic member) 50 is provided between the contain body 11 and the opening-closing lid 23. A packing member (an elastic sealing body) 38 is attached to the rear surface of the opening-closing lid 23 such that the packing member seals the take-out opening 24 of the upper plate 27.



No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2056/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : ULTRASONIC APPARATUS FOR MEASURING A LABOR PROGRESS PARAMETER

(51) International classification	:A61B 5/107
(31) Priority Document No	:PI2008A000118
(32) Priority Date	:21/11/2008
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2009/008321
Filing Date	:23/11/2009
(87) International Publication No	:WO 2010/057665
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

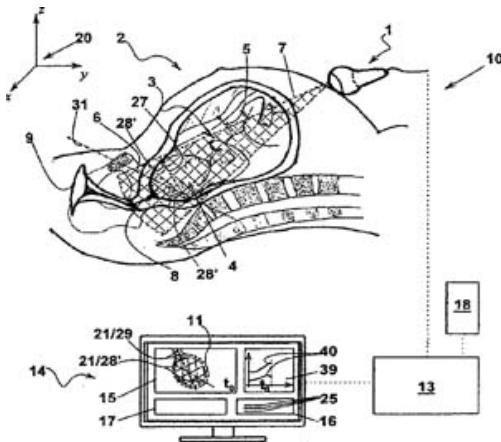
1)CNR-CONSIGLIO NAZIONALE DELLE RICERCHE
Address of Applicant :PIAZZALE ALDO MORO, 7, I-00185 ROMA ITALY

(72)Name of Inventor :

1)CASCIARO, SERGIO
2)CASCIARO, ERNESTO
3)CONVERSANO, FRANCESCO

(57) Abstract :

An apparatus (10) for measuring one or more labor progress parameters (25) as the dilation of the endocervical canal (8), the rotation and the position of the head (4) of the foetus (3) during the descent, the duration and the intensity of the uterine contractions, other morphological and physiological parameters, without introducing foreign objects into the body of a pregnant woman (2) and independently from the sensitivity of the operator. The apparatus (10) comprises automatic means for tracking, in a sequence of ultrasound images (11,12) that are obtained by an ultrasound probe (1), one or more regions of interest (ROI, 21), that may be both two-dimensional or three-dimensional and are centred about anatomic reference points (28) that define said parameters selected in a reference image by a displaying unit (14). The tracking means comprises: a) a means for calculating a function (f) at the pixels of the ROI of the reference image and of images preferably sampled among the images of the sequence, b) a means for calculating iteratively at the positions of the ROI in subsequent images, by a means of comparison between the values of the function (f) calculated in the pixels of the ROI of a current image and the values of the function (f) calculated in the pixels of the ROI of a subsequent ultrasound image; c) a means for comparing each position of the ROI with the position of the ROI in the reference image and for calculating the labor progress parameter responsive to said comparison. The new position of the region of interest may be defined as a domain in which a predetermined object function assumes a minimum value.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2058/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : METHOD OF PREPARING DEOXYRIBOFURANOSE COMPOUNDS

(51) International classification	:A01N 43/90
(31) Priority Document No	:61/115,134
(32) Priority Date	:17/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064605
Filing Date	:16/11/2009
(87) International Publication No	:WO 2010/057103
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ANADYS PHARMACEUTICALS, INC.

Address of Applicant :5871 OBERLIN DRIVE #200, SAN DIEGO, CA 92121 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)HALEY, GREGORY, J.

(57) Abstract :

The invention relates to methods for making deoxyribofuranose compounds such as compound (2) which are useful intermediates in the preparation of pharmaceutical compounds such as 5-amino-3-(2-O-acetyl-3-deoxy-β-D- ribofuranosyl)-3H- thiazolo[4,5-d]pyrimidin-2-one and the like.

No. of Pages : 31 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2080/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : PIERCING STANDOFF

(51) International classification	:F16B 37/04
(31) Priority Document No	:61/116,863
(32) Priority Date	:21/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/063951
Filing Date	:11/11/2009
(87) International Publication No	:WO 2010/059469
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PEM MANAGEMENT, INC.

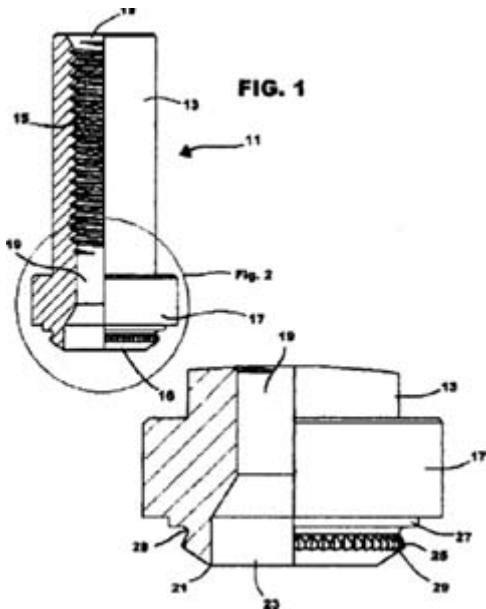
Address of Applicant :103 FOULK ROAD, SUITE 108
WILMINGTON, DELAWARE 19803 U.S.A.

(72)Name of Inventor :

1)MALONEY, MACHAEAL

(57) Abstract :

A piercing fastener is attachable to a panel without a hole by penetrating its surface. The fastener further includes means for attachment of a device to it so that the fastener acts as an intermediate component attaching the device to the panel. The fastener has either male or female attachment means and further includes an outside surface extending from a top end to a bottom end. Near the bottom end, a reinforcement collar includes an annular top surface for receiving a downward pressing force to install the fastener into the panel. A displacer and undercut are located immediately below the collar to effect and receive a cold flow of deformed panel material to secure the fastener to the panel. A plurality of axially extending circumferential teeth are located immediately below the undercut and comprise triangular knurls with sharp edges which penetrate the sheet as the fastener is applied. The bottom of the fastener terminates in a sharp circular cutting edge for penetrating the panel.



No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.2084/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF S-CLOPIDOGREL

(51) International classification	:C07D 495/04
(31) Priority Document No	:2292/MUM/2008
(32) Priority Date	:24/10/2008
(33) Name of priority country	:India
(86) International Application No	:PCT/EP2009/063996
Filing Date	:23/10/2009
(87) International Publication No	:WO 2010/046476
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SANDOZ AG

Address of Applicant :LICHTSTRASSE 35, CH-4056
BASEL, SWITZERLAND

(72)**Name of Inventor :**

1)JOSHI, SHREERANG

2)BHUTA, SACHIN

3)NAIR, RAJI

4)SALUNKE, SANJUKUMAR

(57) Abstract :

A process for the preparation of (S) - Clopidogrel free base or a pharmaceutically acceptable salt thereof by the racemization of the undesired (R) - Clopidogrel in the presence of a suitable base followed by resolution with camphor sulfonate salt and further treatment with an inorganic acid to yield the title compound.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.2085/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : TGR5 MODULATORS AND METHOD OF USE THEREOF

(51) International classification	:C07J 9/00, A61K 31/575
(31) Priority Document No	:08169462.2
(32) Priority Date	:19/11/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/US2009/065188
Filing Date	:19/11/2009
(87) International Publication No	:WO 2010/059853
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INTERCEPT PHARMACEUTICALS, INC.

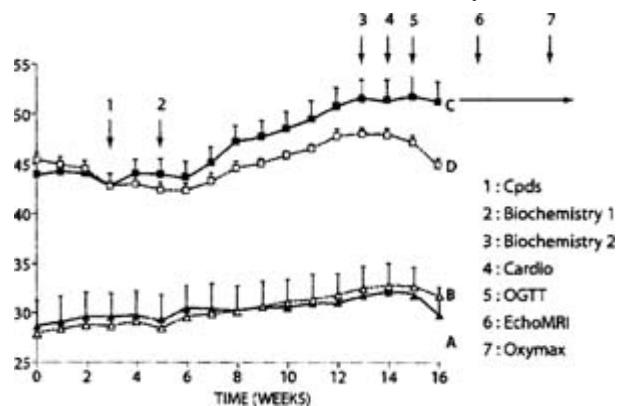
Address of Applicant :18 DESBROSSES STREET, NEW YORK, NY 10013 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)PELLICCIARI, ROBERTO

(57) Abstract :

The invention relates to compounds of Formula A: (A) or a salt, solvate, hydrate, or prodrug thereof. The compounds of Formula A are TGR5 modulators useful for the treatment of various diseases, including metabolic disease, inflammatory disease, liver disease, autoimmune disease, cardiac disease, kidney disease, cancer, and gastrointestinal disease.



No. of Pages : 162 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.2086/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SYSTEM AND METHOD FOR ENHANCING DIGITAL CONTENT

(51) International classification	:G06F 15/16
(31) Priority Document No	:61/198,148
(32) Priority Date	:03/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/063156
Filing Date	:03/11/2009
(87) International Publication No	:WO 2010/062771
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LIVECHIME, INC.

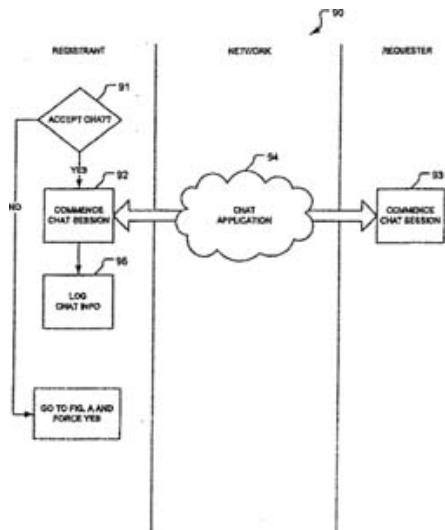
Address of Applicant :6161 NE 175TH STREET, SUITE 205, KENMORE, WASHINGTON 98028 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)TURNER, TOD, C.

(57) Abstract :

A computer-readable medium including computer-executable code for enhancing an electronic document with one link and being served via a network responsively to a request received via the network and correspondent to an electronic document. The chat application may be for use with a mobile device and be less computing resource intensive. Certain embodiments of the present invention may not require a code or applets to be inserted to provide chat functionality. Advantageously, only a link may need to be inserted, for example. This may provide particularly well suited for use with websites where traditional chat code or applets may not be inserted.



No. of Pages : 64 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.2088/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : TREATMENT OF COGNITIVE DISORDERS WITH (R)-7-CHLORO-N-(QUINUCLIDIN-3-YL)BENZO[B]THIOPHENE-2-CARBOXAMIDE AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF

(51) International classification	:A61K 31/439
(31) Priority Document No	:61/116,106
(32) Priority Date	:19/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/065173
Filing Date	:19/11/2009
(87) International Publication No	:WO 2010/059844
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ENVIVO PHARMACEUTICALS, INC.

Address of Applicant :480 ARSENAL STREET, BLDG. 1,
WATERTOWN, MASSACHUSETTS 02472 UNITED STATES
OF AMERICA

(72)Name of Inventor :

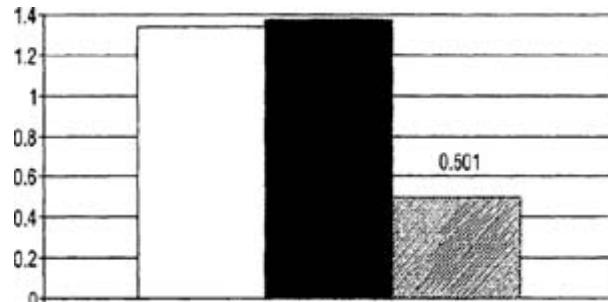
1)KOENIG, GERHARD

2)CHESWORTH, RICHARD

3)SHAPIRO, GIDEON

(57) Abstract :

(R)-7-chloro-N-(quinuclidin-3-yl)benzo[b]thiophene-2-carboxamide has been found to have procognitive effects in humans at unexpectedly low doses. Thus, (R)-7-chloro-N-(quinuclidin-3-yl)benzo[b]thiophene-2-carboxamide and pharmaceutically acceptable salts thereof can be used at unexpectedly low doses improve cognition.



No. of Pages : 25 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.2089/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : TGR5 MODULATORS AND METHODS OF USE THEREOF

(51) International classification	:C07J 9/00,A61K 31/575
(31) Priority Document No	:08169460.6
(32) Priority Date	:19/11/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/US2009/065199
Filing Date	:19/11/2009
(87) International Publication No	:WO 2010/059859
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INTERCEPT PHARMACEUTICALS, INC.

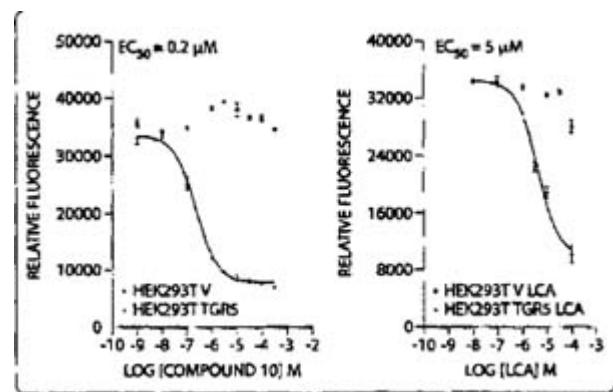
Address of Applicant :18 DESBROSSES STREET, NEW YORK, NEW YORK 10013 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)PELLICCIARI, ROBERTO

(57) Abstract :

The invention relates to compounds of Formula (A): (A) or a salt, solvate, hydrate, or amino acid conjugate thereof. The compounds of formula A are TGR5 modulators useful for the prevention and treatment of disease.



No. of Pages : 64 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.2090/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SYSTEMS AND METHODS INCLUDING FEATURES OF SYNCHRONIZED MOVEMENT ACROSS AN ARRAY OF SOLAR COLLECTORS

(51) International classification	:F24J 2/54
(31) Priority Document No	:61/119,855
(32) Priority Date	:04/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/066896 :04/12/2009
(87) International Publication No	:WO 2010/065941
(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)E-CUBE ENERGY, INC.

Address of Applicant :4156 TECHNOLOGY PLACE,
FREMONT, CA 94538 UNITED STATES OF AMERICA

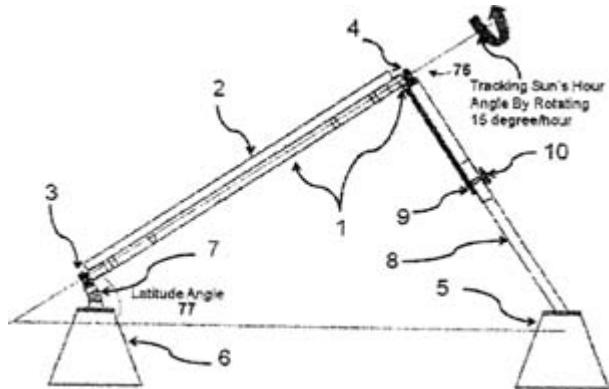
(72)Name of Inventor :

1)XIANG, XIAODONG

2)WAN, RONGNAN

(57) Abstract :

Systems and methods are disclosed related to solar modules and/or arrays of solar modules provided with synchronized movement. According to one exemplary implementation, an illustrative array may comprise a plurality of solar modules. Each solar module may rotate on an axis, and each axis may be in a parallel configuration relative to the other axes. A first rotation mechanism of a solar module may be configured for rotating/pivoting around a first axis/pivot, and be linked to a corresponding rotation mechanism of a adjacent or sequential solar module.



No. of Pages : 52 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.2091/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : FABRICATING A GALLIUM NITRIDE LAYER WITH DIAMOND LAYERS

(51) International classification	:H01L 21/335
(31) Priority Document No	:12/341,191
(32) Priority Date	:22/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/068178
Filing Date	:16/12/2009
(87) International Publication No	:WO 2010/075124
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RAYTHEON COMPANY

Address of Applicant :870 WINTER STREET, WALTHAM, MA 02451-1449 UNITED STATES OF AMERICA

(72)Name of Inventor :

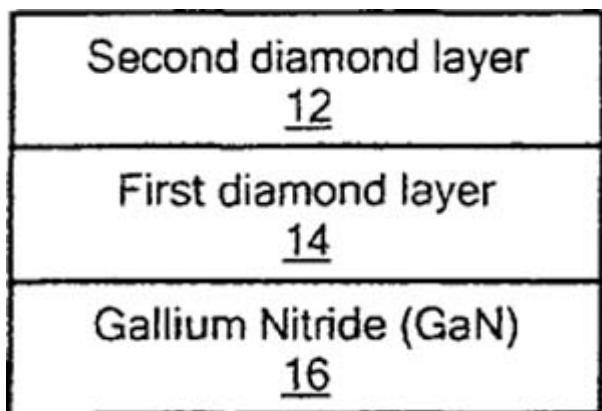
1)KORENSTEIN, RALPH

2)BERNSTEIN, STEVEN, D.

3)PEREIRA, STEPHEN, J.

(57) Abstract :

In one aspect, a method includes fabricating a gallium nitride (GaN) layer with a first diamond layer having a first thermal conductivity and a second diamond layer having a second thermal conductivity greater than the first thermal conductivity. The fabricating includes using a microwave plasma chemical vapor deposition (CVD) process to deposit the second diamond layer onto the first diamond layer.



No. of Pages : 30 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2075/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : HIGH-VOLTAGE CONNECTION AND ELECTRICAL RAIL VEHICLE HAVING A HIGH-VOLTAGE CONNECTION

(51) International classification	:B61G 5/10,H02G 11/00
(31) Priority Document No	:102008059174.2
(32) Priority Date	:25/11/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/061937 :15/09/2009
(87) International Publication No	:WO 2010/060663
(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)SIEMENS AKTIENGESELLSCHAFT

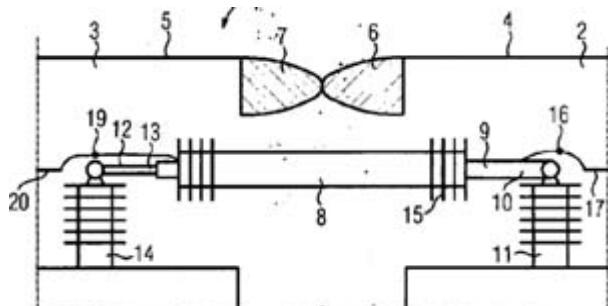
Address of Applicant :WITTELSBACHERPLATZ 2 80333
MÜNCHEN GERMANY

(72)Name of Inventor :

1)GERHARD SCHMIDT

(57) Abstract :

The invention relates to a high-voltage connection between two post insulators which can be moved relative to one another. In order to be able to implement such a high-voltage connection in the most compact form possible with regard to insulating air gaps, the high-voltage connection has a current conduction rod (9), which is surrounded by an insulating body (15) and mounted at one end (10) thereof on the one post insulator (11) at an adjustable distance and at the other end (12) thereof is held on the other post insulator (14). Outgoing current leads (16, 19) are connected to each end (10, 12) of the current conduction rod (9). The invention also relates to an electric rail vehicle comprising at least two cars, each having a high-voltage line run in the roof and each having a post insulator (11, 14) on the roof in the area of the mutually facing ends of the cars (2, 3). The high-voltage connection according to the invention is used in order to achieve an aerodynamically favorable design in the bridging area of the roof area of the cars (2, 3).



No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2076/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : COMPONENT HAVING A CATALYTIC SURFACE, METHOD FOR THE PRODUCTION THEREOF, AND USE OF SAID COMPONENT

(51) International classification

:B01J 23/34

(31) Priority Document No

:102008059165.3

(32) Priority Date

:24/11/2008

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP2009/064828

Filing Date

:09/11/2009

(87) International Publication No

:WO 2010/057800

(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)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2 80333
MÜNCHEN GERMANY

(72)Name of Inventor :

1)ARNDT, AXEL

2)DOYE, CHRISTIAN

3)KRÜGER, URSUS

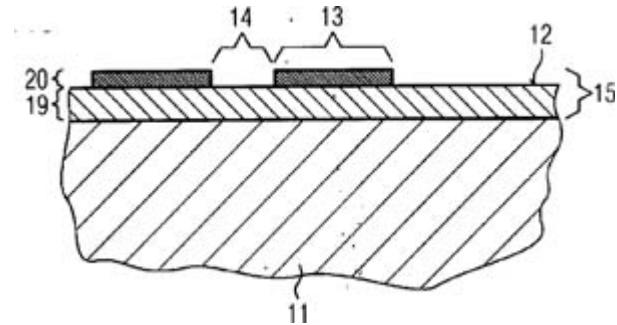
4)PYRITZ, UWE

5)JENSEN, JENS DAHL

6)STIER, OLIVER

(57) Abstract :

The invention relates to a component comprising a catalyst surface (12). According to the invention, said surface (12) comprises metallic portions (14) and portions of MnO₂ (13) contacting the former, wherein the metallic portions are preferably composed of Ag and/or Ni. Surprisingly, it has been shown that said material combinations achieve a greatly improved catalytic effect compared to the pure metals. Particularly with use of the toxicologically harmless Ni, said surfaces can also be used, for example, in ambient air cleaning to reduce the ozone content. The surface can be applied, for example, through a coating (15) of the component, wherein the metallic portion and the portion of MnO₂ are applied in two layers (19, 20).



No. of Pages : 24 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2077/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : VACUUM SWITCH HAVING FIXED RAIL TERMINALS ON BOTH SIDES

(51) International classification :H01H 33/66
(31) Priority Document No :102008059670.1
(32) Priority Date :26/11/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/064906
 Filing Date :10/11/2009
(87) International Publication No :WO 2010/060790
(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) SIEMENS AKTIENGESELLSCHAFT

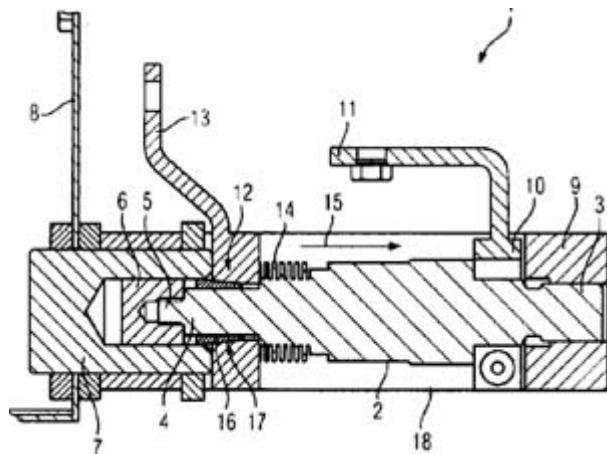
Address of Applicant : WITTELSBACHERPLATZ 2 80333
MÜNCHEN GERMANY

(72) Name of Inventor :

- (72) NAME OF INVENTOR :
**1)ANHEUER, MATHIAS
2)DORN, JÖRG
3)FARTUSCHNJA, ANDREAS
4)KÜBEL, THOMAS
5)LELL, PETER
6)ZENKNER, ANDREAS**

(57) Abstract :

In order to provide a vacuum switch (1) that is compact, requires little effort, and provides a reliable current path having a high current-carrying capacity between the terminals of the vacuum switch particularly at high switch-on speeds, wherein the vacuum switch has a vacuum chamber (2), in which a vacuum is present and in which a switching contact is arranged, wherein the switching contact comprises a fixed contact piece, which is firmly connected to the vacuum chamber (2) and which is in electrical contact with a fixed contact terminal (11), and a moving contact piece, which is movably guided relative to the fixed contact piece and is arranged at a distance to the fixed contact piece in a disconnect position and contacts the fixed contact piece in a contact position, a drive unit (7) for producing a drive movement, a switching mechanism (4), which is connected to the drive unit (7) and the moving contact piece and which comprises a conductor section that is electrically conducting up to the moving contact piece, and connection means, which connect a moving contact terminal (13) electrically to the moving contact piece in the contact position, it is proposed that the connection means comprise a clamping contact (16,17), which has an insertion clamping contact piece (16) connected to the conductor section of the switching mechanism (4) and a mating clamping contact piece (17) firmly connected to the vacuum chamber (2) and electrically connected to the moving contact terminal (13), wherein the insertion clamping contact piece and the mating clamping contact piece are arranged relative to each other in such a way that the insertion clamping contact piece (16) is clamped with the mating clamping contact piece (17) in an electrically conducting manner as a result of the drive movement.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2078/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : MICROORGANISM FOR PRODUCING SUCCINIC ACID

(51) International classification	:C12P 7/46
(31) Priority Document No	:10 2008 051 727.5
(32) Priority Date	:17/10/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2009/001386
Filing Date	:07/10/2009
(87) International Publication No	:WO 2010/043197
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ORGANO-BALANCE GMBH

Address of Applicant :GUSTAV-MEYER-ALLEE 25, 13355
BERLIN, GERMANY

(72)Name of Inventor :

1)LANG, CHRISTINE

2)RAAB, ANDREAS

(57) Abstract :

The invention relates to an isolated, genetically modified microorganism, wherein compared to the wild type a) the idh1 and idp1 genes have been deleted or inactivated, and/or b) the sdh2 and sdh1 genes have been deleted or inactivated, and/or c) the PDC2 gene has been deleted or inactivated or is under the control of a promoter which can be suppressed or induced by exposure of the microorganism using an inductor substance, and/or d) one or more genes from the group consisting of ICL1, MLS1, ACS1 and MDH3 has been replaced or supplemented by a corresponding foreign gene or corresponding foreign genes from Crabtree-negative organisms, and to the uses thereof.



No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.2079/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : EYEFRAME WITH INTERCHANGEABLE LENSPIECES HELD BY A MAGNETIC CLOSURE AND INTERCHANGEABLE LENS SYSTEM

(51) International classification	:G02C 9/00
(31) Priority Document No	:12/272,605
(32) Priority Date	:17/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/064745 :17/11/2009
(87) International Publication No	:WO 2010/057165
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LIPAWSKY, STEVEN, R.

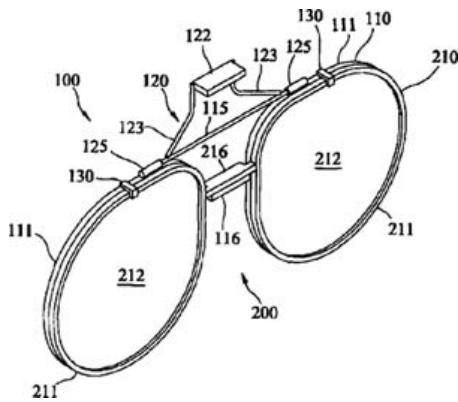
Address of Applicant :4151 NW 124TH AVENUE, CORAL SPRINGS, FL 33065, U.S.A.

(72)Name of Inventor :

1)LIPAWSKY, STEVEN, R.

(57) Abstract :

An eyeframe system includes a rimwire and an interchangeable lenspiece. A hinged closure on the rimwire fastens the lenspiece to the rimwire. The closure includes a magnetic closure that slides beneath a nose bridge of the rimwire. The closure is held closed by mechanical and magnetic forces. The system can include a plurality of different lenspieces that are interchanged to attach lenses with different qualities.



No. of Pages : 50 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.2096/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SECURITY SYSTEM FOR OPTICAL PLUG-IN CONNECTOR

(51) International classification	:G02B 6/38
(31) Priority Document No	:1878/08
(32) Priority Date	:01/12/2008
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/CH2009/000379
Filing Date	:27/11/2009
(87) International Publication No	:WO 2010/063130
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)REICHLE & DE-MASSARI AG

Address of Applicant :BINZSTRASSE 31, 8622 WETZIKON SWITZERLAND

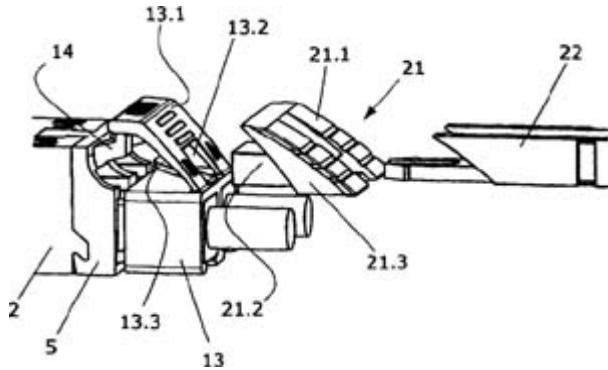
(72)Name of Inventor :

1)ECKSTEIN, OLIVER

2)EIGENMANN, DANIEL

(57) Abstract :

A duplex adapter or duplex adapter part (1) for a duplex plug of an optical plug-in connection comprises two pairs of plug openings (3) which are aligned to one another and into which in each case a duplex plug may be introduced from oppositely lying sides. It is formed from a housing (2) and at least one frame (5) which is fastened or fastenable on the housing and which projects proximally from the housing (2). The frame surrounds the two plug openings (3) of an adapter side and comprises a middle portion (5.3) which extends between the plug openings. A safety device for the plug side and which matches this, comprises a duplex plug or a clip for creating a duplex plug from two simplex plugs, as well as an actuator for simultaneously activating unlocking pawls of both plugs. It further comprises an actuation protection with a dimensionally rigid cover portion for covering the actuator to the proximal side, as well as with a guide portion which cooperates with the duplex plug or clip and which may be locked with the duplex plug or clip in a manner such that it may not be released from this without a tool.



No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.2097/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : CANCER TREATMENTS WITH RADIATION AND IMMUNOCYTOKINES

(51) International classification	:A61K 38/20
(31) Priority Document No	:61/107,146
(32) Priority Date	:21/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/007533
Filing Date	:21/10/2009
(87) International Publication No	:WO 2010/046097
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MERCK PATENT GMBH

Address of Applicant :FRANKFURTER STRASSE 250
64293 DARMSTADT GERMANY

(72)Name of Inventor :

1)THOMAS WICKHAM

2)ULRIKE GNAD-VOGT

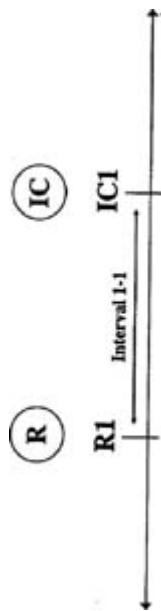
3)STEPHAN G. KLINZ

4)SYLVIA A. HOLDEN

5)KARL JOSEF KALLEN

(57) Abstract :

The present invention is directed to a method for treating tumors and cancer cells by administering an immunocytokine following radiation treatment. This combination of treatments can stimulate an immune response at irradiated and non-irradiated sites, which is useful in eradicating cancer cells that have spread from the site of the primary tumor. In addition, immunocytokines can be administered at a dose that is less than the maximum tolerated dose, which reduces the side effects associated with immunocytokine therapy.



No. of Pages : 61 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.2098/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : POWER CONVERTER MODULE WITH COOLED BUSBAR ARRANGEMENT

(51) International classification	:H05K 7/20
(31) Priority Document No	:102008061489.0
(32) Priority Date	:10/12/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/062480
Filing Date	:28/09/2009
(87) International Publication No	:WO 2010/066482
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2 80333
MÜNCHEN GERMANY

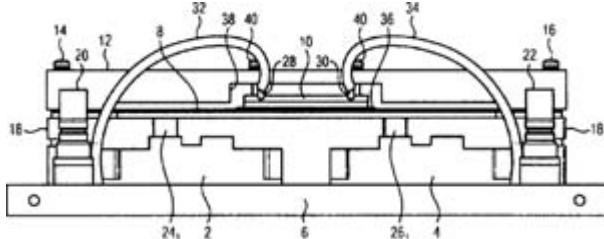
(72)Name of Inventor :

1)STEFAN BOTT

2)WILFRIED KOLK

(57) Abstract :

The invention relates to a power converter module having at least one power semiconductor module (2, 4), which is mechanically connected to a fluid heat sink (6) in a thermally conductive manner and is electrically conductively connected to terminals of the power converter module by way of a busbar (8) having at least two mutually insulated conductor rails. According to the invention, said busbar (8) is connected to another fluid heat sink (10) in a force-locked and/or form-fitting manner, wherein a thermally conductive and electrically insulating layer (36) is arranged between an upper conductor rail of the busbar (8) and the additional fluid heat sink (10). Additional power loss arising in the busbar (8) is dissipated by means of said additional fluid heat sink (10), which is pressed by means of clamping elements on a surface of a busbar (8) of a power converter module.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.2092/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : OPENABLE AND CLOSABLE CONTAINER

(51) International classification	:B65D 83/08
(31) Priority Document No	:2008-292587
(32) Priority Date	:14/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/068595
Filing Date	:29/10/2009
(87) International Publication No	:WO 2010/055779
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNI-CHARM CORPORATION

Address of Applicant :182, SHIMOBUN, KINSEI-CHO,
SHIKOKUCHUO-SHI, EHIME-KEN 7990111 JAPAN

(72)Name of Inventor :

1)BANDOH, TAKESHI

2)HAYASHI, MASAHO

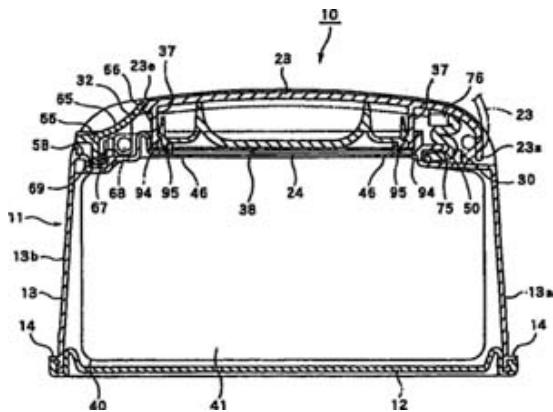
3)UEMATSU, HIROSHI

4)UENISHI, TOSHIHIKO

5)OCHI, NORIO

(57) Abstract :

An openable and closable container 10 includes: a container body 11 having a take-out opening 24, and an opening-closing lid 23 provided on the container body 11 swingably about a swing axis X-X on a base end 23a side, the opening-closing lid opening and closing the take-out opening 24. Plate rubber (an elastic member) 50 is provided between the container body 11 and the opening-closing lid 23. The container body 11 has a housing portion 75 housing one end of the plate rubber 50 in a horizontal direction. The rear surface of an upper plate 27 of the container body 11 is generally made flat for allowing a sealed bag 40 storing wet tissue paper 41 to adhere to the rear surface of the upper plate 27.



No. of Pages : 27 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.2093/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : SELF-UNJAMMING MOTORIZED TRIMMING APPARATUS, PARTICULARLY A HEDGE TRIMMER

(51) International classification	:A01G 3/04
(31) Priority Document No	:08/06734
(32) Priority Date	:01/12/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/001337
Filing Date	:23/11/2009
(87) International Publication No	:WO 2010/063896
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PELENC (SOCIÉTÉ ANONYME)

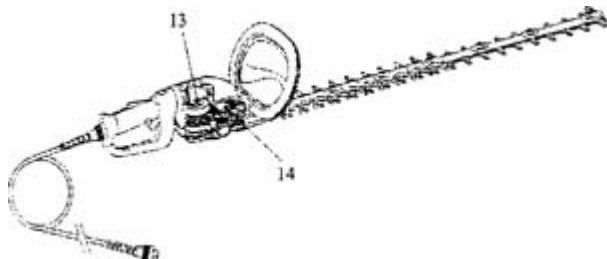
Address of Applicant :ROUTE DE CAVAILLON,
QUARTIER NOTRE DAME, 84120 PERTUIS FRANCE

(72)Name of Inventor :

1)PELENC, ROGER

(57) Abstract :

The present invention relates to a motorized trimming apparatus that is of the type comprising two blades (3A, 3B) placed side-by-side, has triangularly or trapezoidally cut teeth spaced apart from each other, at least one of said blades being movable to enable the cutting by shearing of wood inserted between said teeth, and connected to a drive device (13), characterized in that the apparatus comprises a means for controlling the drive device, said control means (14) being constructed or configured so as to detect stops in movement of the movable blade(s) and to instantaneously and automatically control the reversal of the rotational direction of said drive device and thus control the reversal of the direction of movement of said movable blade(s).



No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.2094/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : INTRAOCULAR LENS WITH EXTENDED DEPTH OF FOCUS

(51) International classification	:A61F 2/16
(31) Priority Document No	:61/138,816
(32) Priority Date	:18/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/067287
Filing Date	:09/12/2009
(87) International Publication No	:WO 2010/071751
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALCON, INC.

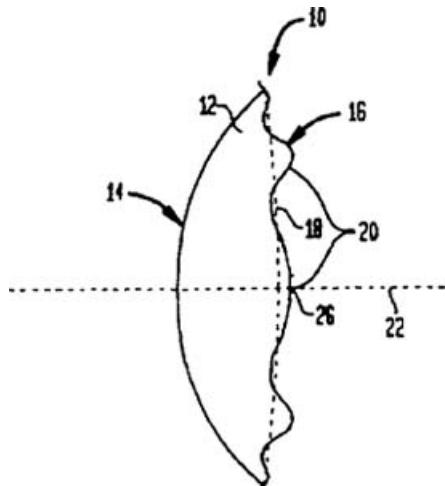
Address of Applicant :BOSCH 69, CH-6331 HUNENBERG SWITZERLAND

(72)Name of Inventor :

1)HONG, XIN

(57) Abstract :

An ophthalmic lens is disclosed, one embodiment comprising an optic having an anterior surface and a posterior surface disposed about an optical axis, wherein at least one of the surfaces has a profile characterized by superposition of a base profile and an auxiliary profile, the auxiliary profile comprising a continuous pattern of surface deviations from the base profile. The auxiliary profile is a sinusoidal profile and can be amplitude modulated, frequency modulated or both amplitude and frequency modulated. The ophthalmic lens can be an IOL.



No. of Pages : 30 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/05/2009

(21) Application No.785/KOL/2009 A

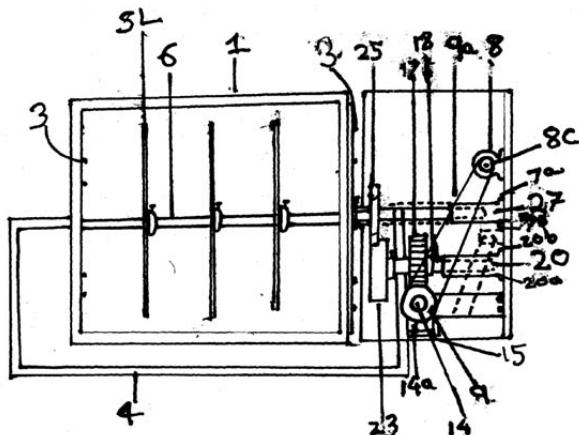
(43) Publication Date : 16/09/2011

(54) Title of the invention : A NOVEL ADVERTISING DEVICE

(51) International classification	:G09F11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SWAPAN CHATTERJEE
(32) Priority Date	:NA	Address of Applicant :4 MAHARAJ NANDA KUMAR
(33) Name of priority country	:NA	ROAD KOL-700029 West Bengal India
(86) International Application No	:NA	2)SABITA CHATTERJEE
Filing Date	:NA	
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SWAPAN CHATTERJEE
Filing Date	:NA	2)SABITA CHATTERJEE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

My invention is regarding advertising matter . My advertising device is such a device which can exhibit three or more advertising display from one place having light inside. The advertising panels are made transparent so as to visualize from outside with the light inside. It can be made in small form so as to keep inside shops, departmental stores or on outside in roads, public building, inside hoarding etc places. Each panels of the advertising device comes, rotates and stops for sometime at a regular interval of time. Light is to be given from inside. The advertising device runs by help of motor, pulleys, belt or with gear motor or motor having less r.p.m. Star pulley and driver pulley are the most important functional parts of the device . It is driver pulley which in motion drives the star pulley with rotates and stops for some times alongwith the advertising panels or with the article concern. The advertising device can be placed horizontally or vertically as required. Besides advertising panels different articles of various shapes and size can be placed for display inside the advertising device. The advertising device can be made two storied or more when placed vertically or can be kept side by side in case of horizontally placement.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.2099/KOLNP/2011 A

(43) Publication Date : 16/09/2011

(54) Title of the invention : BARRIER ARRANGEMENT FOR A CABLE BUSHING

(51) International classification	:H01F 27/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2008/010285
Filing Date	:28/11/2008
(87) International Publication No	:WO 2010/060450
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2 80333
MÜNCHEN GERMANY

(72)Name of Inventor :

1)FRITSCHE, RONNY

2)HEINZIG, PETER

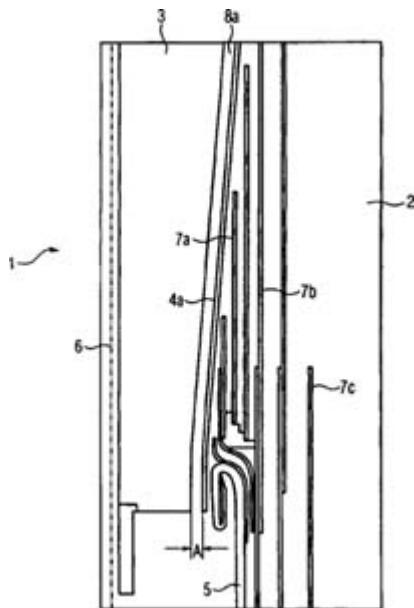
3)HOPPE, JENS

4)JAHNEL, DIETMAR

5)SCHLAGER, JOHANN

(57) Abstract :

The invention relates to a barrier arrangement (2) for a cable duct (3) having barriers (7a, 7b, 7c) arranged next to each other and disposed at prescribed distances from each other. By introducing an additional barrier element (4a) between the cable duct and the barrier arrangement, an additional radial oil segment is created, so that the permissible field strengths within the oil can be thereby increased. This is advantageous, particularly when using the barrier arrangement for high voltages above 500 kV. Simultaneously, nearly identical barrier arrangements can be used for very different operating voltages, and need to be adjusted only with regard to the barrier elements and the constant spacing to the cable duct.



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

OPPOSITION U/S.25(2)

PATENT NO. 240930 (2210/CAL/1998)

An opposition under section 25(2) has been filed by M/S. Lupin Limited, India on 8th June, 2011 in respect of Patent No. 240930 (2210/Cal/1998) in the name of M/s. Vertex Pharmaceuticals Incorporated, USA.

**PUBLICATION U/R 84 (3) IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENTS (KOLKATA)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment) Rules, 2006.

Serial No.	Application Nos.	Patent No.	Applicants	Title	Date of Publication U/R 84(3)	Appropriate Office
1	168/CAL/1999	207142	RAHEE INDUSTRIES LTD.	A DEVICE FOR FASTENING A RAIL TO A SLEEPER	26/11/2010	KOLKATA
2	619/CAL/2000	207105	GENERAL ELECTRIC COMPANY	METHOD AND APPARATUS FOR REPAIRING A TURBINE NOZZLE SEGMENT	10/09/2010	KOLKATA
3	402/CAL/2001	192463	DR. DINKAR SASIMAL, DR. SHEO SHANKAR MAHLI, DR. SAUMAY PRIYA BASU, DR. (MRS.) MALAYA GUPTA	A PROCESS FOR OBTAINING EDIBLE OIL FROM NATIVE KARANJ OIL	06/08/2010	KOLKATA
4	661/CAL/2000	207110	GENERAL ELECTRIC COMPANY	A COMPRESSOR FLOWPATH FOR DIFFUSING AIR	26/11/2010	KOLKATA
5	1135/CAL/1995	184316	THE TATA IRON & STEEL CO. LTD.	A CONTROLLED COOLING PROCESS FOR THE PRODUCTION OF HIGH CARBON STEEL WIRE RODS WITH ENHANCED PROPERTIES AND DRABILITY	28/08/2009	KOLKATA
6	1923/KOLNP/2004	227790	ALZA CORPORATION	SHORT DURATION DEPOT FORMULATIONS	06/08/2010	KOLKATA
7	2699/KOLNP/2005	230109	JOHNSON & JOHNSON VISION CARE INC.	A PROCESS FOR THE PRODUCTION OF SUBSTITUTED HYDROXY ACRYLATES	23/07/2010	KOLKATA
8	452/KOLNP/2003	226170	ALZA CORPORATION	A DEVICE FOR IMPACTING A PENETRATING MEMBER AGAINST THE STRATUM CORNEUM AND A METHOD FOR THE SAME	10/09/2010	KOLKATA
9	701/CAL/2000	230350	MCNEIL-PPC, INC.	AN ABSORBENT STRUCTURE	26/11/2010	KOLKATA
10	IN/PCT/2002/1384/KOL	200009	EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE GMBH	PARTICLE TRAP FOR SEPARATING PARTICLES FROM THE FLOW OF A LIQUID, METHOD FOR SEPARATING PARTICLES FROM THE FLOW OF A LIQUID AND USE OF SAID PARTICLE TRAP	23/07/2010	KOLKATA
11	1629/KOLNP/2004	221129	MDI MOTOR DEVELOPMENT INTERNATIONAL S.A.	VARIABLE FLOW PRESSURE REDUCER AND DISTRIBUTION SYSTEM FOR AN ENGINE SUPPLIED WITH INJECTED COMPRESSED AIR	23/07/2010	KOLKATA
12	2226/CAL/1998	230189	ETHICON, INC.	A WASH SOLUTION	06/08/2010	KOLKATA
13	741/KOLNP/2005	235527	ZENTARIS GMBH	A PHARMACEUTICAL GEL PREPARATION	10/09/2010	KOLKATA
14	402/CAL/1999	203803	ORIENT FANS,	AN IMPROVED SPEED REGULATOR FOR FAN AND OTHER ALLIED ELECTRICAL LOADS	23/07/2010	KOLKATA

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.

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	248905	1889/DEL/2004	30/09/2004		A PROCESS FOR THE PRODUCTION OF DEGUMMED AND DEWAXED RICE BRAN OIL FOR PHYSICAL REFINING	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	08/09/2006	DELHI
2	248907	3343/DELNP/2006	27/12/2004	30/12/2003	A PROCESS FOR THE POLYMERISATION OF EGHYLENE AND AT LEAST ONE C3-20 ALPHA OLEFIN COMONOMER	BOREALIS TECHNOLOGY OY	24/08/2007	DELHI
3	248908	562/DELNP/2006	09/10/2001	10/10/2000	AUTOMATED CONTINUOUS HAULAGE SYSTEM AND CONTROL SYSTME FOR OPERATING THE SAME	DBT AMERICA INC., VIRGINIA TECH INTELLECTUAL PROPERTIES INC.	03/08/2007	DELHI
4	248910	1531/DELNP/2005	16/10/2003	16/10/2002	METHOD FOR REDUCING RESIDUAL ALCOHOLS IN CRYSTALLINE VALACYCLOVIR HYDROCHLORIDE	TEVA PHARMACEUTICAL INDUSTRIES LTD.	30/10/2009	DELHI
5	248911	2826/DELNP/2004	06/03/2003	25/03/2002	A FLUIDIZED BED BOILER FURNACE COMPRISING TWO HEARTHS SEPARATED BY A DIVIDER	ALSTOM TECHNOLOGY LTD.	09/10/2009	DELHI
6	248912	738/DELNP/2006	30/01/2004	11/07/2003	A COMPOSITE MATERIAL HAVING AN APPEARANCE OF NATURAL STONE AND PROCESS OF MANUFACTURE THEREOF	COSENTINO, S.A.	17/08/2007	DELHI
7	248913	587/DELNP/2006	22/09/2004	22/09/2003	METHOD OF CONCENTRATING THE SOLIDS OF A LIQUID SUSPENSION	U.S. FILTER WASTEWATER GROUP INC.	10/08/2007	DELHI
8	248915	4018/DELNP/2004	11/07/2003	12/07/2002	A METHOD AND INSTALLATION FOR HEAT TREATING CARBON BODIES CONTAINING SODIUM	SNECMA PROPULSION SOLIDE	04/12/2009	DELHI
9	248916	6129/DELNP/2005	18/03/2002	20/09/1999	A FLUID CATALYTIC CRACKING PROCESS	W.R. GRACE & CO.-CONN	09/05/2008	DELHI
10	248917	1585/DELNP/2006	20/09/2004	18/09/2003	NOVEL HETEROCYCLIC COMPOUNDS AS HSP90-INHIBITORS	CONFORMA THERAPEUTICS CORPORATION	23/03/2007	DELHI

11	248918	1735/DELNP/2 005	01/10/2003	01/10/2002	A DEVICE FOR CONTROLLING A SYSTEM FOR STORING, FEEDING AND BURNING THE PULVERIZED FUEL	VITRO GLOBAL S.A.	06/03/2009	DELHI
12	248922	4721/DELNP/2 005	22/10/2003	22/04/2003	SYRINGE ASSEMBLY HAVING A SYRINGE TIP CAP	BECTON, DICKINSON AND COMPANY	05/10/2007	DELHI
13	248923	7964/DELNP/2 006	25/11/2004	11/08/2004	COUPLING	A. RAYMOND & CIE	27/04/2007	DELHI
14	248924	2407/DELNP/2 004	09/04/2003	09/04/2002	ASSEMBLY OF DEVICES FOR PRODUCTION OF GREEN TYRES AND A METHOD FOR MAKING GREEN TYRES	CONTINENTAL MATADOR RUBBER, s.r.o.	13/03/2009	DELHI

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Ser ial Nu mb er	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)	Appropriat e Office
1	182786	493/BOM/1995	21/11/1995		AN IMPROVED SEALING DEVICE FOR FILTER ARRANGEMENT	FILTERWERK MANN + HUMMEL GMBH	28/09/1996	MUMBAI
2	194019	IN/PCT/2002/01007/MUM	24/01/2001	31/01/2000	BELT FOR THE THERMAL TREATMENT OF A CONTINUOUSLY OPERATED MATERIAL BED	OUTOKUMPUS OYJ	11/12/2004	MUMBAI
3	248906	1993/MUMNP/2007	07/04/2006	04/07/2005	OPTICAL DISK, AND SPUTTERING TARGET FOR Cu ALLOY RECORDING LAYER	JX NIPPON MINING & METALS CORPORATION	25/01/2008	MUMBAI
4	248919	906/MUMNP/2006	09/02/2005	09/02/2004	OLIGONUCLEOTIDE INHIBITORS OF TGF-RII SIGNALING FOR TREATMENT OF CNS DISORDERS	LUDWIG AIGNER, ULRICH BOGDAHN	20/04/2007	MUMBAI
5	248921	954/MUM/2004	03/09/2004		A MANUFACTURING PROCESS FOR PRODUCING A GELLED SYNTHETIC SULFONATED POLYSTYRENE	KUMARPAL A. SHAH	08/06/2007	MUMBAI
6	248937	735/MUM/2004	20/06/2003	21/06/2002	A POWDER TEA PRODUCT	HINDUSTAN UNILEVER LIMITED	06/07/2007	MUMBAI
7	248939	755/MUM/2006	17/05/2006		BIOACTIVE COMPOSITIONS OF OIL CONTAINING PARTICLES SMALLER THAN ONE MICRON AND PROCESS OF PREPARATION THEREOF	KANE SHANTARAM GOVIND	19/09/2008	MUMBAI
8	248940	296/MUM/2008	12/02/2008		AN APPARATUS FOR REPROCESSING TEA LEAVES	NIKHIL JOSHI	29/02/2008	MUMBAI
9	248941	1375/MUMNP/2007	24/02/2006	25/02/2005	METHODS AND APPARATUS TO INSURE CORRECT PREDECODE	QUALCOMM INCORPORATED	02/11/2007	MUMBAI
10	248942	141/MUM/2005	10/02/2005		A TRIP INDICATOR ASSEMBLY IN AN ELECTRICAL OPERATING MECHANISM	LARSEN & TOUBRO LIMITED	15/09/2006	MUMBAI
11	248945	1025/MUM/2004	23/09/2004		A RESETTING ARRANGEMENT FOR CIRCUIT BREAKERS	LARSEN & TOUBRO LIMITED	23/02/2007	MUMBAI
12	248955	300/MUMNP/2007	25/08/2005	03/09/2004	DEFORMABLE ELEMENT FOR A VEHICLE	SIEMENS AKTIENGESELLSCHAFT ÖSTERREICH	22/05/2009	MUMBAI

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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)	Appropriat e Office
1	248909	1111/CHE/2007	28/05/2007 16:45:20	31/05/2006	A SHROUD MOUNTING STRUCTURE OF A MOTORCYCLE	HONDA MOTOR CO., LTD.	28/11/2008	CHENNAI
2	248914	388/CHENP/2008	21/12/2005	22/12/2004	MULTIPLE PROMOTERS AND THE USE THEREOF FOR GENE EXPRESSION	BASF AKTIENGESELLSCHAFT	19/09/2008	CHENNAI
3	248920	651/CHE/2004	07/07/2004		A METHOD OF PROVIDING SECURITY TO AUTOMOBILES BY HAVING TILT-CUM-SHOCK-CUM MOTION SENSOR AND SYSTEM THEREOF	PRICOL LIMITED	14/09/2007	CHENNAI
4	248926	4260/CHENP/2007	26/07/2005	26/07/2005	HAND DRYING APPARATUS	MITSUBISHI ELECTRIC CORPORATION	21/12/2007	CHENNAI
5	248928	4741/CHENP/2007	27/04/2006	28/04/2005	MOLDABLE PELTIER THERMAL TRANSFER DEVICE AND METHOD OF MANUFACTURING SAME	COOL SHIELD, INC.	11/01/2008	CHENNAI
6	248929	1195/CHENP/2006	07/10/2004	08/10/2003	METHOD FOR PREPARING OXYTITANIUM PHTHALOCYANINE AS A CHARGE GENERATING MATERIAL	PHTHALOS CO., LTD	17/08/2007	CHENNAI
7	248930	3878/CHENP/2008	17/02/2004	18/02/2003	GLYPHOSATE RESISTANT CLASS I 5-ENOLPYRUVYLSHIKIMATE-3-PHOSPHATE SYNTHASE	MONSANTO TECHNOLOGY LLC	13/03/2009	CHENNAI
8	248931	3186/CHENP/2006	04/01/2005	02/02/2004	A RE-ENTERABLE ENCLOSURE FOR A SPLICE BETWEEN CABLES	3M INNOVATIVE PROPERTIES COMPANY	08/06/2007	CHENNAI
9	248944	567/CHE/2007	19/03/2007 15:53:18		A DUAL- CHANNEL ROTARY JOINT FOR SPACE - BORNE SCANNING ANTENNAS	INDIAN SPACE RESEARCH ORGANISATION	20/03/2009	CHENNAI

10	248946	2004/CHENP/2006	05/11/2004	07/11/2003	OLEFIN RESIN PELLET OF TWO-LAYER STRUCTURE FOR INSECT CONTROL RESIN COMPOSITION	SUMITOMO CHEMICAL COMPANY, LIMITED	08/06/2007	CHENNAI
11	248948	294/CHENP/2005	30/07/2003	01/08/2002	HIGHLY STEREOREGULAR POLYPROPYLENE WITH IMPROVED PROPERTIES	BASELL POLIOLEFINE ITALIA S.P.A	07/09/2007	CHENNAI
12	248953	260/CHENP/2007	20/06/2005	21/06/2004	HYBRID SUBSTRATE TECHNOLOGY FOR HIGH-MOBILITY PLANAR AND MULTIPLE-GATE MOSFETS	INTERNATIONAL BUSINESS MACHINES CORPORATION	24/08/2007	CHENNAI
13	248957	803/CHE/2004	01/01/1900		A METHOD TO SLIT SHEETS AND SYSTEM THEREOF	CHANGAVI LINGAPPA VISWANATH	07/07/2006	CHENNAI
14	248961	1155/CHENP/2007	17/11/2003	18/11/2002	ARYL SULFONAMIDES	CHEMOCENTRYX	31/08/2007	CHENNAI

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Se ri a l Nu m be r	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)	Appropriate Office
1	248925	1083/KOLNP/2004	12/02/2003	14/02/2002	SECURITY ELEMENT AND SECURITY DOCUMENT WITH ONE SUCH SECURITY ELEMENT	GIESECKE & DEVRIENT GMBH	28/04/2006	KOLKATA
2	248927	348/KOL/2004	23/06/2004	14/07/2003	APPARATUS ON A DRAW FRAME FOR TEXTILE FIBRE SLIVERS HAVING A DRAWING SYSTEM WITH TOP ROLLERS THAT CAN BE LOADED AND RELIEVED OF LOAD	TRUTZSCHLER GMBH & CO. KG.	09/06/2006	KOLKATA
3	248932	929/KOLNP/2005	16/02/2004	16/02/2004	A DEVICE FOR CLEANING A GAS TURBINE ENGINE	GAS TURBINE EFFICIENCY AB.	15/09/2006	KOLKATA
4	248933	814/KOL/2005	06/09/2005	09/09/2004	A METHOD FOR SEGMENTING ANATOMICAL STRUCTURES FROM 3D IMAGE DATA	SIEMENS AKTIENGESELLSCHAFT	12/01/2007	KOLKATA
5	248934	449/KOLNP/2005	27/08/2003	28/08/2002	A ROTOR DISTRIBUTOR PLATE FOR USE IN VERTICAL SHAFT IMPACT CRUSHER	SANDVIK INTELLECTUAL PROPERTY AB	14/08/2009	KOLKATA
6	248935	696/KOLNP/2006	12/08/2004	12/09/2003	METHODS FOR OPERATING A ROLLER GRINDING MILL AND PRODUCTION OF CEMENT IN A COMBINED PLANT	LOESCHE GMBH	03/08/2007	KOLKATA
7	248936	912/KOL/2007	26/06/2007 15:37:59	16/02/2007	A RECLINER REGULATING DEVICE	HUBEI AVIATION PRECISION MACHINERY TECHNOLOGY CO., LTD.	29/08/2008	KOLKATA
8	248938	278/CAL/2000	10/05/2000	12/05/1999	A COFFEE MACHINE ASSEMBLY	FIANARA INTERNATIONAL B.V.	10/12/2010	KOLKATA
9	248943	2515/KOLNP/2006	27/07/2005	02/08/2004	METHOD FOR PRODUCING (METH) ACRYLIC ACID	LG CHEM, LTD.	01/06/2007	KOLKATA
10	248947	443/KOLNP/2005	19/08/2003	20/08/2002	ANTI-ALUMINA-BUILDUP REFRactories FOR CASTING NOZZLES	KROSAKI HARIMA CORPORATION,LWB REFRactories COMPANY	16/10/2009	KOLKATA

11	248949	505/KOL/2004	17/03/1998		A PROCESS FOR THE DEVELOPMENT OF IMMOBILIZED ENZYMES	SHELLEY BHATTACHARYA	15/09/2006	KOLKATA
12	248950	4892/KOLNP/2007	23/05/2006	25/05/2005	METHOD FOR PRODUCTION OF SILICON FROM SILICON HALIDE	SPA WNT PRIVATE S.A.R.L.	02/01/2009	KOLKATA
13	248951	547/KOL/2003	23/10/2003	18/01/2003	DEVICE FOR DETACHABLE JOINTS OF AXIALLY SYMMETRICAL COMPONENTS	ASTRIUM GMBH	18/11/2005	KOLKATA
14	248952	870/KOLNP/2006	13/10/2004	23/10/2003	DEVICE FOR GENERATING A THERMAL FLUX WITH MAGNETO-CALORIC MATERIAL	COOLTECH APPLICATIONS	13/04/2007	KOLKATA
15	248954	1910/KOLNP/2005	29/03/2004	17/04/2003	COMPOSITION AND PROCESS FOR THE SOLVENT EXTRACTION OF METALS USING ALDOXIME OR KETOXIME EXTRACTANTS	CYTEC TECHNOLOGY CORP.	20/07/2007	KOLKATA
16	248956	1446/KOLNP/2004	21/04/2003	19/04/2002	A HEAT TRANSFER TUBE SUITABLE FOR USE IN A REFRIGERANT EVAPORATOR, METHOD OF FABRICATION THEREOF	WOLVERINE TUBE, INC.	18/08/2006	KOLKATA
17	248958	1140/KOLNP/2006	19/11/2004	08/12/2003	AIR FLOW CONTROL IN A VENTILATING PIPE	BELIMO AUTOMATION AG	27/04/2007	KOLKATA
18	248959	1059/KOLNP/2003	26/02/2002	31/03/2001	A PROCESS FOR THE CATALYTIC PRODUCTION OF AMMONIA FROM NITROGEN-HYDROGEN MIXTURE	MG TECHNOLOGIES AG	08/07/2005	KOLKATA
19	248960	589/KOL/2006	14/06/2006	15/06/2005	A VEHICLE BRAKE SYSTEM AND A COMBINATION VALVE ADAPTED FOR USE THEREIN	HALDEX BRAKE CORPORATION	22/06/2007	KOLKATA

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