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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.

(Chaitanya Prasad)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

24TH MAY, 2013

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**THE PATENT OFFICE
KOLKATA, 24/05/2013**

Address of the Patent Offices/Jurisdictions

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

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

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 24/05/2013
कार्यालयों के क्षेत्राधिकार के पते
विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ नीचे दिए गए हैं :-

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

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

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

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

SPECIAL NOTICE

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

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

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

(Chaitanya Prasad)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

Early Publication:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1301/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 24/05/2013

(54) Title of the invention : WIND ENERGY OPERATED DEVICE FOR PASSIVE COOLING OF AUTOMOBILE VEHICLES

(51) International classification	:B60H1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Sau. Vidya Viswasrao Badgujar
(32) Priority Date	:NA	Address of Applicant :At.Po.Tq. Mahur Dist. Nanded
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	2)Viswasrao Bhanudas Badgujar
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Sau. Vidya Viswasrao Badgujar
(61) Patent of Addition to Application Number	:NA	2)Viswasrao Bhanudas Badgujar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Following invention provides device and methodology for construction and working of air cooling system especially for automobile vehicles which works with the help of wind energy mainly comprising of water tank, water level indicator, cooling pads preferably made of plant cellulose, water pipe, air fans, water inlet pipe, air tube slots, air pockets etc. assembly of the embodiment is attached at the top of the roof of the vehicle. The invention is described by way of example with reference to the drawings where Figure 1 of Sheet 1 showing front view of the embodiment, Figure 2 of Sheet 2 showing side view of the embodiment, Figure 3 of Sheet 2 illustrates rear view of the embodiment, Figure 4 of sheet 3 showing air tube connector assembly, Figure 5 of sheet 4 showing air flow mechanism on rear side of vehicle, Figure 6 of sheet 4 showing one of the preferred embodiment where cool air flow tube is connected near blower of the vehicle and figure 7 of sheet 4 showing motor mechanism for lifting of water.

No. of Pages : 15 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1582/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 24/05/2013

(54) Title of the invention : ELECTRICITY GENERATION ENGINE USING ABSOLUTE VACUUM

(51) International classification	:F03B13/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Mukesh Prakash Borse
(32) Priority Date	:NA	Address of Applicant :At.post-Varshi Taluka-Shindkheda
(33) Name of priority country	:NA	Dist-Dhule 425404 Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Mukesh Prakash Borse
(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 :

Following invention attempts to provide device and methodology for construction and working of engine for generation of electricity using vacuum where vacuum is created by filling the assembly completely by water and sealing the assembly after that, comprising mainly of pistons, tanks, pipes, dynamo, fan, sealing arrangement, water etc. following invention is described in detail with the help of figure 1 of sheet 1 showing moving arrangement of the engine, Figure 2 of sheet 2 showing structure of engine assembly, Figure 2 A of sheet 2 denotes numeral 10 tank design, Figure 2 B of sheet 3 denotes numeral 16 tank design, Figure 2 C of sheet 3 denotes numeral 23 pipe design, Figure 2 D of sheet 3 denotes numeral 25 pipe design, Figure 2 E of sheet 4 denotes numeral 26 pipe design, Figure 2 F of sheet 4 denotes numeral 28 pipe design, Figure 2 G of sheet 4 denotes numeral 29 pipe design, Figure 2 H of sheet 5 denotes numeral 30 pipe design, Figure 2 I of sheet 5 denotes numeral 32 pipe design, Figure 2 J of sheet 5 denotes numeral 33 pipe design, Figure 2 K of sheet 6 denotes numeral 35 pipe design, Figure 2 L of sheet 6 denotes piston, Figure 2 M of sheet 6 denotes numeral 39 pipe design, Figure 2 N of sheet 7 denotes numeral 40 tank design, Figure 2 O of sheet 7 denotes numeral 42 tank design, Figure 3 of sheet 8 denotes schematic view of working of engine.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.162/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :17/01/2013

(43) Publication Date : 24/05/2013

(54) Title of the invention : A MULTIFUNCTIONAL HAIR COLOR PROTECTOR

(51) International classification	:C07C235/38; C11D1/62
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)KOSHTI, NIRMAL
2)KSHIRSAGAR, POOJA, VAIDYA
3)SAWANT, BHAGYESH

(57) Abstract :

This invention relates to the synthesis of a multifunctional hair color protector, p-methoxy cinnamidoproyl dimethyl behenyl ammonium chloride of Formula I and the compositions containing the same for hair care.

No. of Pages : 33 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1682/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :09/05/2013

(43) Publication Date : 24/05/2013

(54) Title of the invention : MATERIAL SAVING PERFORATIONS ON DOUBLE EDGED BLADES

(51) International classification	:B26B21/56	(71) Name of Applicant :
(31) Priority Document No	:NA	1)DAHANUKAR DILIP S.
(32) Priority Date	:NA	Address of Applicant :SHREE SADAN, 4A,
(33) Name of priority country	:NA	M.L.DAHANUKAR MARG MUMBAI 400026 Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)DAHANUKAR DILIP S.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention consists of a double edged razor blade with perforations on its body to reduce the weight of each blade and save raw material.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1715/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/05/2013

(43) Publication Date : 24/05/2013

(54) Title of the invention : ENERGY EFFICIENT RELIABLE DATA COLLECTION USING MOBILE DATA COLLECTOR NODE IN WIRELESS SENSOR NETWORK

(51) International classification :H04L29/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Vivek Deshpande
2)Mr. Sachin Vishwanath Todkari
3)Swati Haridas Patil

(57) Abstract :

In cluster based wireless sensor network common sensor nodes within the cluster sense the event periodically or continuous and transmit the data packets to the respective cluster head. Cluster heads will process the packets and transmit to the sink. As the cluster head act as intermediate node between common sensor nodes and sink so these nodes consumes more energy as compare to other nodes in network. So in this case these nodes are having more chances to dead early and due to that bottleneck problem occur in the network and this leads to affect the reliability of the network. With the help of proposed mobile data collector node (MDCN) model we can reduce the energy consumption of the nodes which are close to sink and also improve the reliability of the network. Following invention is described in detail with the help of figure 1 of sheet 1 showing an illustration of energy efficient reliable data collection using mobile data collector node (MDCN) model

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1734/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/05/2013

(43) Publication Date : 24/05/2013

(54) Title of the invention : 'AN EFFICIENT APPROACH FOR ONLINE/OFFLINE MARKETING WITH EXCHANGE POLICY.

(51) International classification :G06F17/60
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MR. DEVENDER SINGH

(57) Abstract :

This disclosure relates to an efficient process /system for displaying electronic products and rate list over an online network for various purposes including but not limited to sharing, reviewing, purchasing and refunding old products and other products related commodities. The process/system is fundamentally based on the concept of online shopping with exchange old product through an Internet website/ portal or through a telephonic network setup.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1735/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/05/2013

(43) Publication Date : 24/05/2013

(54) Title of the invention : COOLING SYSTEM.

(51) International classification	:F25B23/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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BHILAI, DISTT - DURG, CHHATTISGARH, PIN - 490023,
India

(72)Name of Inventor :

1)MR. PRAFULL KUMAR SONI

(57) Abstract :

This invention disclosed herein a system for controlling the flow of water in a water reservoir includes an inlet operable to deliver water to the water reservoir, an outlet operable to dispense at least a portion of the water from the water reservoir, and a staged water cooler having a first thermoelectric cooler stage coupled to a second thermoelectric cooler stage, the staged water cooler operable to control the temperature of the water in the water reservoir.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1736/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/05/2013

(43) Publication Date : 24/05/2013

(54) Title of the invention : MICROCONTROLLER OPERATED FULLY AUTOMATIC PRECISION DUAL AXES TRACKER FOR HIGH CONCENTRATED PHOTOVOLTAIC (CPV) CELL PANELS

(51) International classification	:H01L31/052, F24J2/10	(71)Name of Applicant : 1)PURANDARE SUDHIR NARKHANI Address of Applicant :9 & 10, VANDANA COMPLEX, SAMARTHA NAGAR, NASHIK-422005, 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)PURANDARE SUDHIR NARKHANI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An automatic dual axes tracker is capable of tracking the Sun to the precision of 0.1 degree accuracy or better. The solar tracker system includes Concentrated Photovoltaic Panels fixed on the mild steel frame. The frame is moved in two axes namely horizontal and vertical rotation with two different slewing gears with high overall gear ratio and geared Motors. The systems position and time is determined using GPS and readings from satellite. The positions of Sun at very fine interval are calculated and stored in micro-sd ram. The physical initialization is set using magnetometer and accelerometer. The structure is moved automatically to follow the Sun exactly. The actual motor movement is obtained from Hall Effect feedback. The optical feedback is used to cross check the accuracy of obtained result. In case of CPV Panels the accuracy of tracking becomes more critical with increase in concentration ratio. At present 500X concentration has become common but present trackers being not sufficiently accurate results into poor overall efficiency of the system. The automatic tracking with microcontroller will be able to handle concentration upto 5000X.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.231/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/01/2013

(43) Publication Date : 24/05/2013

(54) Title of the invention : SECTORING APPROACH FOR SEPARATION OF SENSOR NODES IN VARIOUS SECTORS TO ACHIEVE RELIABILITY

(51) International classification	:H04L29/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Mr. Vivek Deshpande
(32) Priority Date	:NA	Address of Applicant :D-19, Prathmesh, Chintamani Nagar,
(33) Name of priority country	:NA	Bibwewadi, Pune 411037 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Mr. Vivek Deshpande
(87) International Publication No	: NA	2)Mrs. Dhanashree Wategaonkar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Following invention provides proposes sectoring scheme to improve energy efficiency for sector based wireless sensor network. In order to improve reliability, sensing area is divided into sectors and first node of sector which is near to the sink called as a sector head. ARMS algorithm used for achieving reliability at highest. Following invention is described in detail with the help of FIG. 1 of sheet 1 provides an illustration of relay system of wireless sensor network

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2453/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :23/08/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD TO PRODUCE N-ACYL AMINO ACID SURFACTANTS USING N-ACYL AMINO ACID SURFACTANTS OR THE CORRESPONDING ANHYDRIDES AS CATALYSTS

(51) International classification	:C11D3/26; C07C 231/02	(71)Name of Applicant : 1)GALAXY SURFACTANTS LTD. Address of Applicant :C-49/2 TTC Industrial Area Pawne Navi Mumbai 400 703 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)KOSHTI Nirmal;
(33) Name of priority country	:NA	2)PARAB Bharat Bhikaji;
(86) International Application No	:NA	3)POWALE Rajendra Subhash;
Filing Date	:NA	4)DESAI Archana Kishor;
(87) International Publication No	: NA	5)BARAI Kamlesh Keshwar;
(61) Patent of Addition to Application Number	:NA	6)KATDARE Pradnya Mandar;
Filing Date	:NA	7)SAWANT Bhagyesh Jagannath;
(62) Divisional to Application Number	:NA	8)KADAM Santosh Vishnu;
Filing Date	:NA	9)PILLI Srinivas Uppalaswamy;

(57) Abstract :

A process of producing N-acyl amino acid based surfactants of Formula I, wherein, R is selected from C6 to C22 alkyl group, R1 is selected from H, C1 to C4 alkyl, R2 is selected from all groups on carbon of natural amino acids, R3 is selected from COOX, CH2-SO3X, X is selected from Li⁺, Na⁺ or K⁺; said process comprising steps of A) preparing fatty acid chlorides by halogenating fatty acids with either phosgene or thionyl chloride in the presence of catalytic amount of same or other N-acyl amino acid surfactant of Formula I or anhydrides of same surfactant, Formula II, wherein, R = C6 to C22 alkyl group, R1 = H, C1 to C4 alkyl, R2 = all groups on carbon of natural amino acids, n = 0 to 4, X = C, SO and B) reacting fatty acid chloride of step (A) with an amino acid in the presence of a base under typical aqueous Schotten Baumann conditions such that said process does not employ a step of purification.

No. of Pages : 32 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3443/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : AN IRIS PATTERN CAPTURING DEVICE

(51) International classification	:G02B27/18, G06K9/20	(71) Name of Applicant : 1)M/S. BIOMATIQUES IDENTIFICATION SOLUTIONS PRIVATE LIMITED Address of Applicant :G-5, ASHRAY BUILDING, OPP. GOVINDJI PARK-A, UMRA, SURAT-395007 Gujarat India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)M/S. BIOMATIQUES IDENTIFICATION SOLUTIONS PRIVATE LIMITED
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Invention is in relation to the device which is capable of capturing the human iris pattern within the specifically created lighting illumination conditions so that maximum iris pattern details are captured by the imaging sensor. An iris pattern capturing and processing device (1) for unique identification comprising, - an illumination module (2) adapted to produce IR spectrum with predetermined wave length focusing on the iris of an eye, - an image capturing module (4) adapted to capture the reflected IR spectrum from iris operably connected to the illumination module (2); and - a signal processing module operably connected to said image capturing module for processing the IR signal captured by the image capturing module and extracting biometric template therefrom, - said illumination module and image capturing module being disposed within a suitable housing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.412/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 24/05/2013

(54) Title of the invention : TUBE ASSEMBLY WITH UNBONDED DUAL LINER SANDWICHED TUBE SHEET

(51) International classification	:F28F1/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SUBHAJIT BISWAS
(32) Priority Date	:NA	Address of Applicant :A-4 Vishranti Park, Nr. Delux Char
(33) Name of priority country	:NA	Rasta, Nizampura, Vadodara 390002, Gujarat, India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SUBHAJIT BISWAS
(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 tube assembly including a tubesheet sandwiched between two unbonded liners which are welded to a plurality of sleeves placed in the holes of tube sheet, which are attached to the liners, wherein liners, sleeves and tubes are of the same material of construction. The tubes are welded to the liners and the tubesheet is sandwiched between two liners made from material of higher corrosion resistance than the tubesheet. In this arrangement of tube assembly, the core material is totally isolated from corrosive process fluid.

No. of Pages : 22 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1669/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :08/05/2013

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD TO PRODUCE BLENDS OF O-ACYL ISETHIONATES AND N-ACYL AMINO ACID SURFACTANTS

(51) International classification	:C11D 1/12; C11D1/28	(71) Name of Applicant : 1)GALAXY SURFACTANTS LTD. Address of Applicant :C-49/2, TTC INDUSTRIAL AREA, PAWNE, NAVI MUMBAI- 400 703 MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)KOSHIT, NIRMAL
(33) Name of priority country	:NA	2)SAWANT, BHAGYESH JAGANNATH
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for preparing blends of O-acyl isethionates and N-acyl amino acid surfactants using common fatty acid chlorides, in quantitative yields. The blends are in liquid form or can be spray dried to solid dried form.

No. of Pages : 41 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1759/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :17/05/2013

(43) Publication Date : 24/05/2013

(54) Title of the invention : DEVICE FOR TUBAL MICROSURGICAL RECANALISATION.

(51) International classification	:A61B17/00, A61M25/00	(71) Name of Applicant : 1)DR. RUPESH KATKAR Address of Applicant :MAULI HOSPITAL, RAHIMPUR, TAL- KOREGAO, DIST-SATARA, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DR. RUPESH KATKAR
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This disclosure relates to a device to prevent clot formation and dislodges clots in early stage so blockage doesnt happens during operation and after operation that gives best results and prevent failure of operation.

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.761/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/03/2013

(43) Publication Date : 24/05/2013

(54) Title of the invention : ERGONOMICALLY DESIGNED FOOT AND HAND OPERATED WORKSTATION FOR MAKING AGARBATTI.

(51) International classification :A61L9/03
(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)PRAMOD M. PADOLE
Address of Applicant :PROFESSOR, MECHANICAL
ENGG. DEPARTMENT, VNIT, SOUTH AMBAZARI ROAD,
NAGPUR - 440010 Maharashtra India
2)MR. RASHMI V. UDDANWADIKER
(72)Name of Inventor :
1)PRAMOD M. PADOLE
2)MRS. RASHMI V. UDDANWADIKER

(57) Abstract :

An ergonomically designed workstation consist of complete table with vessels 1, 2 and 3 to store water, powder and paste respectively and machine (21) to produce the agarbattis. The machine (21) consists of four bar mechanism (6) used to transmit the force and moments, to the rack (20) and pinion which in turn transmits motion to the plunger (1) inside the cylinder (2). The plunger can also be actuated by hand lever (10). The cylinder is filled with paste which id pressed by the plunger movement. The uncoated stick is inserted in the nozzle (3) fitted to one end of the cylinder and stick comes out from the other end of the nozzle along with the coating due to friction between paste and stick. The machine can be operated with pedal as well as with hand lever to reduce the fatigue to the operator. The hand lever position can be adjusted to suit for operation in standing and sitting position.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.523/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013

(43) Publication Date : 24/05/2013

(54) Title of the invention : SEARCHING AND ADVERTISING BY SMS

(51) International classification	:H04M 3/487, H04L 29/00, G06Q 30/00	(71) Name of Applicant : 1)PATIL, SANDEEP BASKARRAO Address of Applicant :N-5, G-41, PRIYADARSHNI COLONY CIDCO AURANGABAD 431003 MAHARASHTRA, INDIA (72) Name of Inventor : 1)PATIL, SANDEEP BASKARRAO
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is a system of delivering and displaying content on an endpoint to a subscriber in which the subscriber sends a search query as a text message from an endpoint. The said query is transmitted to a database and the search results from the database are sent back to the endpoint of the subscriber as a text message. The system and method of the present invention is token-based. Once a subscriber buys the token with a unique token number from the service provider and follows the prescribed procedure with the token the service gets activated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.854/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : IMPROVED WRITING INSTRUMENT.

(51) International classification	:B43K 24/06	(71) Name of Applicant : 1)MR. RAMANLAL RUGHNATHMALJI JAIN
(31) Priority Document No	:NA	Address of Applicant :16, DEVEN INDUSTRIAL ESTATE,
(32) Priority Date	:NA	I.B PATEL ROAD, GOREGAON EAST, MUMBAI-400063
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. RAMANLAL RUGHNATHMALJI JAIN
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention in general relates to a writing instrument and more particularly to a writing instrument adapted to be operated by means of a first knob and a second knob. A writing instrument comprising a body , a first knob and a second knob placed along vertical axis of said body, said body having a curved portion, a lever means capable of actuating a writing means linearly in forward and backward direction and a biasing means for enhancing forward and backward movement of said lever, wherein in the event of said first knob and said second knob being pressed in said curved portion said lever is adapted to bring said instrument in operative position by interacting against and with said biasing means.

No. of Pages : 14 No. of Claims : 10

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.1333/DEL/2010 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF STRONTIUM RANELATE•

(51) International classification

:C07C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)PARABOLIC DRUGS LTD.

Address of Applicant :SCO 99-100 Top Floor Sector 17-B
Chandigarh 160 017 Punjab India.

(72)Name of Inventor :

1)KISHORE KUMAR KHEMANI

2)RISHI PRATAP SINGH

3)CHENNAKESHALU DUMMANI

(57) Abstract :

The present invention relates to an improved process for the preparation of Strontium ranelate of formula I or hydrates thereof with improved yield, purity and reaction time benefits. The present invention provides process in a simple, economical, user-friendly and in an industrially viable manner.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1341/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :09/06/2010

(43) Publication Date : 24/05/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF CANDESARTAN CIL XETIL•

(51) International classification

:C07C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Appl cation 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)PARABOLIC DRUGS LTD.

Address of Applicant :SCO 99-100 Top Floor Sector 17-B
Chandigarh 160 017 Punjab India

(72)Name of Inventor :

1)KISHORE KUMAR KHEMANI

2)ANIL KUMAR SINGH

3)AJAY MALIK

(57) Abstract :

The present invention relates to an improved process for the preparation of Candesartan cilexetil of formula III with improved yield and purity. The present invention provides process in a simple, economical, user-friendly and in an industrially viable manner.

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3287/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : A SINGLE STEP ENANTIOSELECTIVE PROCESS FOR THE PREPARATION OF 3-SUBSTITUTED CHIRAL PHTHALIDES

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)REKULA SANTOSH REDDY
(61) Patent of Addition to Application Number	:NA	2)CHITHANYA KIRAN INDUKURU NAGA
Filing Date	:NA	3)SUDALAI ARUMUGAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a single step, highly enantioselective catalytic oxidative cyclization process for the synthesis of 3-substituted chiral phthalides. In particular, the invention relates to asymmetric synthesis of chiral phthalides via synergetic nitrile accelerated oxidative cyclization of o-cyano substituted aryl alkenes in high yield and enantiomeric excess (ee) in short reaction time. The present invention further relates to one-pot asymmetric synthesis of biologically important natural compounds having 3-substituted chiral phthalide structural framework in the molecule.

No. of Pages : 63 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3294/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : CONVERTER FOR AN ELECTRICAL CIRCUIT DESIGNED TO SUPPLY ELECTRICAL PROPULSION POWER ON BOARD A MOTOR VEHICLE

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VALEO SYSTEMES DE CONTROLE MOTEUR
(32) Priority Date	:NA	Address of Applicant :14 AVENUE DES BEGUINES BP
(33) Name of priority country	:NA	68532, 95892 CERGY PONTOISE CEDEX FRANCE
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SOUSA LUIS DE
(87) International Publication No	:NA	2)FALL MAME
(61) Patent of Addition to Application Number	:NA	3)FONTAINE STEPHANE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an electrical circuit (900, 900) designed to supply electrical propulsion power on board a motor vehicle, this electrical power being obtained from power delivered to the said electrical circuit (900, 900) by a battery of the said vehicle and converted by at least two cells (901, 903; 901, 903), comprising inductive elements (902, 904; 902, 904) connected to transistors managing the current flowing in the said inductive elements (902, 904; 902, 904), characterized in that the inductive elements (902, 904; 902, 904) are coupled so that they form a magnetic circuit (1400) that can be alternatively controlled: - according to a common mode in which an apparent inductance of the said magnetic circuit (1400) is of the order of magnitude of the sum of the inductances specific to each inductive element, or - according to a differential mode in which the apparent inductance of the said magnetic circuit (1400) is of the order of magnitude of the leakage inductance of the coupling between the said coupled inductive elements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3295/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : MICROBIOLOGICAL METHOD OF PROSPECTING FOR HYDROCARBON EXPLORATION

(51) International classification

:B23B

(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)OIL & NATURAL GAS CORPORATION LTD.

Address of Applicant :KESHAVA DEVA MALVIYA
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UTTARAKHAND, INDIA

(72)Name of Inventor :

1)JAIN, ANIL KUMAR

2)RATHI, PREMA

3)BANSAL, ASHWANI KUMAR

4)CHHABRA, BRIJ BHUSHAN

5)MAHATA, PRAFULLA KUMAR

6)KUMAR, JYOTI

7)SINGH, RAM RAJ

8)BHOWNICK, PRODYUT KUMAR

(57) Abstract :

The present invention provides an efficient and faster microbiological method of prospecting for subsurface hydrocarbon deposits exploration, wherein samples of soil from the area under investigation were analyzed for a direct enumeration of hydrocarbon consuming microorganisms present at the time of sampling in a more efficient and faster way. The process as disclosed herein is easy, reproducible, accurate, and cost effective.

No. of Pages : 58 No. of Claims : 11

(54) Title of the invention : A PROCESS FOR PREPARATION OF METHYL 1-BENZYL-4-ANILINOPIPERIDINE-4-CARBOXYLATE

(51) International classification :C08D
 (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 :MINISTRY OF DEFENCE, GOVT OF INDIA, DIRECTORATE OF ER & IPR, IPR GROUP, ROOM NO. 348, 'B' WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI India

(72)Name of Inventor :

1)GUPTA, PRADEEP KUMAR

2)MAURYA, CHANDRA KANT

3)GUPTA, PRIYANKA

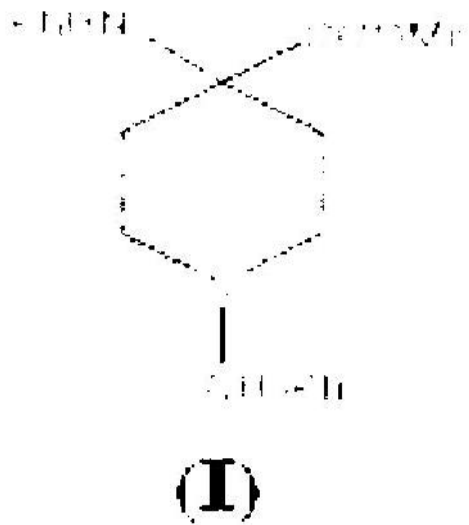
4)GANESAN, KUMARAN

5)BHATTACHARYA, RAHUL

6)VIJAYARAGHAVAN, RAJAGOPALAN

(57) Abstract :

The present disclosure provides a single -pot process for the preparation of methyl-1-benzyl-4-anilinopiperidine-4-carboxylate of formula (I) comprising: reacting 1 -benzyl-4-piperidone and a nucleophile in tetrahydrofuran in presence of chloroform and sodium methoxide, followed by warming and stirring for about 10- 45 hours to obtain methyl-1 -benzyl-4-anilinopiperidine-4-carboxylate of formula (I).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3304/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : A TOILET SOAP WRAPPING MACHINE

(51) International classification

:B23B

(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)RAJESH KHOSLA

Address of Applicant :KHOSLA PRECISIONS, 93,
INDUSTRIAL AREA, PHASE-1 PANCHKULA-134108,
HARYANA India

(72)Name of Inventor :

1)RAJESH KHOSLA

(57) Abstract :

This invention relates to a toilet soap wrapping machine that uses stiffener card liner and heat sealable outer wrapper for overwrapping of toilet soap tablets. More specifically, this invention is an improvement on the wrapping operation of the machine that uses an indexed pocket wheel (also known as turret or trumbling mechanism) in the sequence of wrapping operation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3305/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : A Monoclonal Antibody for Simultaneous Detection of V. parahaemolyticus V. alginolyticus and Aeromonas and a Process for Preparation Thereof

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Director General Defence Research and Development Organization
(32) Priority Date	:NA	Address of Applicant :Ministry of Defence Govt. of India
(33) Name of priority country	:NA	Room No 348 B-Wing DRDO Bhawan Rajaji Marg New
(86) International Application No	:NA	Delhi 110105 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAKSHA MANIYANKODE AJITPRASAD
(61) Patent of Addition to Application Number	:NA	2)JOSEPH KINGSTON JEYABALAJI
Filing Date	:NA	3)RADHIKA MADAN URS
(62) Divisional to Application Number	:NA	4)HARISHCHANDRA SRIPATHY MURALI
Filing Date	:NA	5)HARSH VARDHAN BATRA
		6)AMARINDER SINGH BAWA

(57) Abstract :

The present invention provides a monoclonal antibody prepared using the 36Da outer membrane protein of V. parahaemolyticus that is used for simultaneous detection of V. parahaemolyticus V. alginolyticus and Aeromonas species in a sample. Said monoclonal antibody is specific for the above mentioned bacteria and is found to have no cross reactivity with other bacterial strains.

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3306/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : HIGH FIBRE DIETARY SUPPLEMENT FOR DIABETES

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HARSHA KHARKWAL

2)DHAN PRAKASH

3)D.D. JOSHI

4)DEEPSHIKHA PANDE KATARE

(57) Abstract :

The present invention relates to a novel high fibre based dietary supplement for diabetes. It is rich in complex carbohydrates and has a unique fiber blend, all designed to facilitate normalization of blood glucose. The formulation comprises novel fibres extracted from Cassia grandis, Cassia tora and Cassia senna syn angustifolia fortified with suitable vitamins and minerals and whey protein that provide required energy intake. The fibre source is associated with delayed gastric emptying which assist in management of blood glucose and lipid levels. The formulation is a nutritional supplement which can be reconstituted to a variety of caloric densities. It is appropriate for patients with normal gastrointestinal function for prevention and correction of malnutrition also.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3324/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : AN IMPROVED COMPOSITION FOR SOLAR SELECTIVE COATINGS ON METALLIC SURFACES AND A PROCESS FOR ITS PREPARATION AND A PROCESS FOR COATING USING THE COMPOSITIONS

(51) International classification

:H01K

(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)INTERNATIONAL ADVANCED RESEARCH
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(72)Name of Inventor :

1)KALIDINDI RAMA CHANDRA SOMA RAJU

2)DENDI SREENIVAS REDDY

3)RAGHAVAN SUBASRI

4)GADHE PADMANABHAM

(57) Abstract :

The invention described in this application relates to compositions intended for producing solar selective coatings on metals/stainless steels. The compositions are obtained as 1. A product of hydrolysis and condensation of silanes and fluorosilane and 2. A product of hydrolysis and condensation of titanium tetraalkoxide either used independently or along with in-situ prepared conductive silver particles which are uniformly distributed in the titania matrix. The resulting compositions which when coated and cured on metals or stainless steels in the presented sequence exhibit excellent solar selective properties along with multifunctionalities like corrosion resistance and easy-to-clean property thereby improving weathering resistance of the solar selective coatings. The compositions are useful for coating particularly stainless steels. The invention also relates to a process of coating metallic surfaces using the above compositions.

No. of Pages : 46 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3338/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : A PHARMACEUTICAL FORMULATION IN FORM OF SURFACE STABILIZED LOPINAVIR NANOPARTICLES•

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)NATIONAL INSTITUTE OF PHARMACEUTICAL
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Address of Applicant :Sector 67 S.A.S. Nagar Mohali
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(72)Name of Inventor :

1)Jain SANYOG

2)Sharma JAGDISH MOHANLAL

3)Jain AMIT KUMAR

4)Mahajan RAHUL RAMESH

5)Chauhan DINESH SINGH

(57) Abstract :

The present invention provides a pharmaceutical formulation in form of surface stabilized Lopinavir nanoparticles. The nanoparticle of the invention provides enhanced oral bioavailability and eliminates the need of co-administration of ritonavir. The nanoparticle of the invention comprises Lopinavir along with stabilizer and cryoprotectant. Field of the invention The present invention is in the field of pharmaceutical formulations. The invention provides a pharmaceutical formulation of HIV protease inhibitor Lopinavir in the form of drug nanoparticles with enhanced bioavailability and reduced hepatic metabolism.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3339/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF CHLORODIFLUOROACETIC ANHYDRIDE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SRF LIMITED
(32) Priority Date	:NA	Address of Applicant :BLOCK-C SECTOR 45, UNICREST
(33) Name of priority country	:NA	BUILDING, GURGAON, Haryana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DHINGRA, SURENDER
(87) International Publication No	:NA	2)THAKUR, SHELEN
(61) Patent of Addition to Application Number	:NA	3)SAXENA, RAHUL
Filing Date	:NA	4)ANAND, RAJEEP
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparation of chlorodifluoroacetic anhydride from chlorodifluoroacetic acid by reacting chlorodifluoroacetic acid with oleum and refluxing the reaction mixture followed by distillation to obtain pure chlorodifluoroacetic anhydride. The process uses cheap and readily available raw material and the product is obtained in good yield and high purity. Also, the byproduct obtained in the process is H₂SO₄ which is a liquid and can be reused thus eliminating disposal problems.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3347/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : RECORD MANAGEMENT IN COMMUNICATION DEVICES

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL-LUCENT
(32) Priority Date	:NA	Address of Applicant :3 avenue Octave Grard 75007 Paris
(33) Name of priority country	:NA	FRANCE
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GOEL Mudit
(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 subject matter discloses systems and methods for record management in communication devices. In one implementation the method comprises receiving at least one number of records to be saved under a sub-category of records stored in the communication device and allocating memory for storing the sub-category of records based on the received input. The method further includes providing a user with details pertaining to the sub-category of records based on the allocated memory.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3348/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : CANCER DETECTION SYSTEM

(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 :

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Faculty Building IIT Kanpur Kanpur India

(72)Name of Inventor :

1)PANDA Siddharth

(57) Abstract :

The present subject matter describes a cancer detection device (100) which includes a support element (105) adapted for enclosing at least a part human body for examination. A flexible substrate layer (120) is attached to an inner surface of the support element (105). A number of flexible sensors (125) of varying dimensions are placed on the flexible substrate layer (120) in different orientations with respect to each other. The flexible sensors (125) measure skin temperature of the human body undergoing examination to determine presence of cancerous cells based on the skin temperature.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3349/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : COLOUR CHANGER SIGNAL

(51) International classification

:A61H

(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)SULTAN SINGH JAIN

Address of Applicant :359, VARDHMAN NIKETAN, 29-CIVIL LINES, ROORKEE-247667 DISTT.-HARDWAR
Uttaranchal India

(72)Name of Inventor :

1)SULTAN SINGH JAIN

(57) Abstract :

A Colour Changer Signal comprising a mechanism to signalUp-13U with red colour and signal Down-13D with green colour by using square signal arm-19S and flat signal arm-19F to change their red colour/ light to green colour/ light in day and night respectively as explained in the specification shown in figs 4 & 9 and 1 & 4 and I toI4..

No. of Pages : 6 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3358/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : A NOVEL ROOM TEMPERATURE, LOW COST, ALARM BASED LPG SENSOR

(51) International classification

:G01B

(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)AMITY UNIVERSITY

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(72)Name of Inventor :

1)B.K. SINGH

2)ABHISHEK VERMA

3)VIKESH

4)V.K. JAIN

5)VASUDA BHATIA

6)PRASHANT SHUKLA

7)NITIN BHARDAWAJ

(57) Abstract :

A novel room temperature gas sensor for detection and quantification of flammable Liquefied Petroleum Gas (LPG) is provided by using activated carbon film as sensing film which can detect and quantify a dynamic range from 40ppm to 1000ppm at ambient temperature/condition. The sensor is highly sensitive, stable, has fast response time (30 sec) and degassing time (1 minute). In addition, its low cost fabrication, and portability adds to the advantage of using this sensor for real time application.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3363/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : SYNTHESIS OF AG NANOPARTICLES FROM SEED EXTRACTS

(51) International classification	:G01B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, Uttar Pradesh India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAJENDRA PAL SINGH
(87) International Publication No	:NA	2)RAKKIYAPPAN CHANDRAN
(61) Patent of Addition to Application Number	:NA	3)MAGESH SADASIVAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method for the synthesis of silver nanoparticles from the green nano route using seed extracts of various plants selected from *Mangifera indica* (Mango), *Syzygium cumini* (Jamun), *Malus domestica* (apple) and *Citrus Limon* (Lemon). The silver nanoparticles can be used in various medicines and also in various herbal formulations. The method for the synthesis of silver nanoparticles is an economic, eco-friendly and efficient alternative for the large-scale synthesis of nanoparticles.

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3328/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : MALE AND FEMALE WIRING CONNECTORS AND WIRING CONNECTOR ASSEMBLY COMPOSED OF THE SAME

(51) International classification

:H01K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SHANG TSAI WU

(57) Abstract :

Disclosed are a male wiring connector, a female wiring connector for use with the male wiring connector, and a wiring connector assembly composed of the male wiring connector and the female wiring connector. The male wiring connector includes a main body and two engaging levers. The main body includes wiring terminals and is bilaterally provided with grooved extension seats that extend rearward of, and beyond the rear end of, the main body. Each engaging lever has a first end inserted in the corresponding grooved extension seat and a second end extending forward of and spaced from the main body. Each engaging lever also has an engaging hook between the first and second ends. The male wiring connector can be conveniently connected with and disconnected from the female wiring connector to increase wiring efficiency.

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3359/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : A NOVEL HERBAL COMPOSITION FOR MUSCLE CRAMPS AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)AMITY UNIVERSITY

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(72)Name of Inventor :

1)PALPU PUSHPANGADAN

2)VARUGHESE GEORGE

3)VIPIN MOHAN DAN

4)DHAN PRAKASH

5)HARSHA KHARKWAL

6)CHANDANA VENKATESWARA RAO

7)CHANDRA SEKHAR NAUTIYAL

(57) Abstract :

The present invention relates to a novel herbal composition useful for relieving muscle cramps and a process for the preparation of the same. It is produced from the blend of herbal extracts with synergistically enhanced properties effective in treatment of muscle cramps. The herbal composition comprises of the extracts of shade dried and powdered leaves of *Murraya koenigii* (Linn.) Spreng. (Rutaceae), shade dried powdered bark of *Gmelina arborea* Roxb. (Verbenaceae), shade dried powdered whole plant of *Oxalis corniculata* Linn. (Oxalidaceae) and shade dried powdered rhizomes of *Kaempferia galangala* Linn. (Zingiberaceae). The extracts are suitably mixed and processed in a suitable base derived from wax and/ or oil in specific quantities to formulate in the form of cream, ointment, oil, or paste for external application.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3360/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : A NOVEL HERBAL COMPOSITION FOR RHEUMATISM AND ARTHRITIS AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)VARUGHESE GEORGE

2)PALPU PUSHPANGADAN

3)DHAN PRAKASH

4)CHARU GUPTA

5)CHANDANA VENKATESWARA RAO

6)CHANDRA SEKHAR NAUTIYAL

(57) Abstract :

The present invention relates to an herbal composition for treatment of rheumatism and arthritis. The herbal composition comprises the aqueous extracts of shade dried roots of Gendarussa vulgaris Nees. (Acanthaceae), aqueous extract of the whole plant of Hygrophila auriculata (Schum) Heine (Acanthaceae) and the shade dried powdered seeds of Achyranthus aspera Linn. (Amaranthaceae). The extracts and powder are suitably mixed and processed in a suitable base and sweetening agent to be dispensed in the form of syrup.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3361/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : MICROSCOPE SLIDE FOR FIXATION AND STAINING OF MICROSCOPIC PARASITE/SPECIMEN.

(51) International classification

:A01H

(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)AMITY UNIVERSITY

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(72)Name of Inventor :

1)SOHINI SINGH

2)CHARUL SHARMA

3)PRIYAVRAT ARYA

4)GAYATRI V. SINGH

5)TANU ALLEN

6)ASHWANI KUMAR SRIVASTAVA

(57) Abstract :

The present invention relates to a transparent glass specimen slide for use in the staining and examination of microscopic parasites such as Meloidogyne and Monogenea. The glass slide has depression and projection around that depression, extending from the surface which supports a glass cover plate to protect the original shape of specimen and facilitate examination of soft and delicate parasites at the time of slide preparation. Not only does the cavity of the slide coupled with projection surrounding the cavity enables the specimen to adjust itself in sufficient space but at the same time dehydration and staining of specimen can also be done on slide itself. This saves the quantity of all the chemicals that are used for permanent slide preparation and avoids the chances of loss of microscopic specimen.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3364/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : A SECURE PROGRAMMING INTERFACE FOR NON VOLATILE MEMORY IN AN EMBEDDED DEVICE•

		(71)Name of Applicant :
		1)DEPARTMENT OF INFORMATION TECHNOLOGY (DIT)
		Address of Applicant :Ministry of Communication & Information Technology 6 CGO Complex New Delhi India
		2)DEPARTMENT OF INFORMATION TECHNOLOGY (DIT)
		3)DEPARTMENT OF INFORMATION TECHNOLOGY (DIT)
		4)DEPARTMENT OF INFORMATION TECHNOLOGY (DIT)
		5)CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING (C-DAC)
		6)CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING (C-DAC)
		7)CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING (C-DAC)
		8)CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING (C-DAC)
(51) International classification	:B64D	(72)Name of Inventor :
(31) Priority Document No	:NA	1)Thomas Joseph
(32) Priority Date	:NA	2)Thomas Joseph
(33) Name of priority country	:NA	3)Thomas Joseph
(86) International Application No	:NA	4)Thomas Joseph
Filing Date	:NA	5)Vipin R.L
(87) International Publication No	: NA	6)Vipin R.L
(61) Patent of Addition to Application Number	:NA	7)Vipin R.L
Filing Date	:NA	8)Vipin R.L
(62) Divisional to Application Number	:NA	9)Gopakumar.G
Filing Date	:NA	10)Gopakumar.G
		11)Gopakumar.G
		12)Gopakumar.G
		13)S. Krishnakumar Rao
		14)S. Krishnakumar Rao
		15)S. Krishnakumar Rao
		16)S. Krishnakumar Rao
		17)Biju C. Oommen
		18)Biju C. Oommen
		19)Biju C. Oommen
		20)Biju C. Oommen
		21)R Ravindra Kumar
		22)R Ravindra Kumar
		23)R Ravindra Kumar
		24)R Ravindra Kumar

(57) Abstract :

The present invention relates to a programming devices and more particularly relates to an interface device providing programming interface between a host system and a client device in a secure manner. In one embodiment the interface device providing programming interface for a client device comprising a communication interface operatively coupled to the client device and a multi-level voltage provider configured for receiving an input voltage of a predetermined value and voltage control signal and providing output voltages having varying values to the client device the values of the output voltages thus generated by the multi-level voltage provider being in accordance with the voltage control signal thus received thereby making the interface ideal for all types of embedded non-volatile memory. Further the interface authenticates the host system and the client device through a dynamically generated encrypted key thereby providing a secured programming of the memory.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3365/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : POLY(ALIPHATIC ESTER)- POLYCARBONATE COPOLYMER/POLYLACTIC ACID BLEND

(51) International classification	:C08B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SABIC INNOVATIVE PLASTICS IP B.V.
(32) Priority Date	:NA	Address of Applicant :PLASTICSLAAN 1,NL-4612 PX
(33) Name of priority country	:NA	BERGEN OP ZOOM, NETHERLANDS
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GRAMPEL, ROBERT DIRK VAN DE
(87) International Publication No	:NA	2)KRISHNAMURTHY, SRIRAM
(61) Patent of Addition to Application Number	:NA	3)JUIKAR, VISHVAJIT CHANDRAKANT
Filing Date	:NA	4)CHATTERJEE, GAUTAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to a blended composition comprising one or more polycarbonates wherein at least one of the polycarbonates is a polyesterpolycarbonate having at least one unit derived from a soft block ester unit, e.g., sebacic acid, and at least one unit derived from bisphenol A, and a polylactic polymer wherein the composition has an overall biocontent of at least 10% according to ASTM D6866

No. of Pages : 80 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3366/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : AN AUTOMATIC MULTI-LEVEL PARKING SYSTEM.

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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1)MARUTI SUZUKI INDIA LIMITED

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

(72)Name of Inventor :

1)NEHA KANAUIA

(57) Abstract :

This invention relates to an automatic multi-level parking system comprising of a plurality of compartments for accommodating vehicles, which are retrieved and deposited by means of a docking system comprising of an intermediate transfer system mounted with a docking unit, in which the docking unit is provided with a pin for docking with pallet carrying vehicle so as to transfer the pallet with vehicle onto platform of said intermediate transfer system for parking in the respective compartment followed by retrieval from the compartment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.593/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :09/04/2003

(43) Publication Date : 24/05/2013

(54) Title of the invention : A DISPERSION COMPENSATED BROADBAND OPTICAL COMMUNICATION LINK

(51) International classification	:H04B 10/00	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY Address of Applicant :HAUZ KHAS, NEW DELHI-110016, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)PAL BISHNU PADA
Filing Date	:NA	2)THYAGARAJAN KRISHNA
(87) International Publication No	:NA	3)PANDE KAMNA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A dispersion compensated broadband optical communication link operating in the optical amplifier bands S-band (1480-1530 nm), C-band (1530-1565 nm), and L-band (1570-1610 nm), the said link comprising a signal fiber and a dispersion compensating fiber, wherein the said signal fiber has a dispersion coefficient D greater than 2 ps/nm.km and dispersion slope S greater than 0.05 ps/nm².km in the operating amplifier band(s), and the said dispersion compensating fiber consists of a segmented core having three layers to attain a negative dispersion coefficient and negative dispersion slope meant to achieve broadband dispersion compensation of the said signal fiber with a low sensitivity to nonlinear optical effects through a large mode effective area A_{eff} , a substantially large FOM (Figure of Merit), and low sensitivity to bend loss.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3362/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : UNIQUE SOLVENT STABLE MN²⁺ ACTIVATED METALLOPROTEASE FROM BACILLUS SP

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR 125, NOIDA-201303, Uttar Pradesh India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAJNI SINGH
(87) International Publication No	:NA	2)RAJSHREE SAXENA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel metalloprotease enzyme produced from a newly isolated Bacillus strain belonging to the Bacillus cereus group. The enzyme is thermostable (30-50°C) with maximum activity at 60°C. It is stable in a broad pH range (6-9) with a maximum at pH 8. The enzyme activity is enhanced in presence of monovalent (Na⁺, K⁺) and divalent (Ca²⁺, Mg²⁺, Zn²⁺, Mn²⁺, Cu²⁺, Hg²⁺ and Fe³⁺) metal ions. The maximum enhancement of about 130-165% is observed with Mn²⁺ and Cu²⁺. Metalloprotease inhibitors including ethylenediaminetetraacetic acid (EDTA), dithiothreitol (DTT) and mercaptoethanol suppressed its activity. The enzyme has gelatinolytic and collagenolytic property along with caseinolytic property. Bacterial collagenolytic proteases have been directly employed in clinical therapy and pathogenesis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4977/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/07/2010

(43) Publication Date : 24/05/2013

(54) Title of the invention : a method of manufacturing a composite part from resin-preimpregnated fibres

(51) International classification :B29C 70/44
(31) Priority Document No :PA 2007 01839
(32) Priority Date :20/12/2007
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2008/050265
Filing Date :28/10/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VESTAS WIND SYSTEMS A/S
Address of Applicant :Alsvej 21 DK-8940 Randers SV
Denmark
(72)**Name of Inventor :**
1)JENSEN Jakob Hjorth

(57) Abstract :

The present invention relates to a method of manufacturing a laminated composite part from a number layers of resin-preimpregnated fibres (1) which are placed on a moulding surface (2). At least one breather layer (5) is then placed over at least a part of the layers of resin-preimpregnated fibres (1). The breather layer (5) has a structure comprising at least one strand or string (9) arranged in a repeated pattern in order to provide a network of interconnected channels (11), said channels (11) extending in at least two non-parallel directions within the breather layer (5) and having a cross sectional area which is at least corresponding to a thickness of the strand or string (9).

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1068/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :08/05/2009

(43) Publication Date : 24/05/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF INTERMEDIATE COMPOUNDS USEFUL FOR THE PREPARATION OF CINACALCET

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :AUROBINDO PHARMA LTD
(33) Name of priority country	:NA	PLOT NO.2, MAITRIVIHAR, AMEERPET, HYDERABAD -
(86) International Application No	:NA	500038 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DIVVELA VENKATA NAGA SRINIVASA RAO
(61) Patent of Addition to Application Number	:NA	2)DEEKONDA SATHEESH
Filing Date	:NA	3)UTTAM KUMAR RAY
(62) Divisional to Application Number	:NA	4)MEENAKSHISUNDERAM SIVAKUMARAN
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved process for the, preparation of 3-[3-(trifluoromethyl)phenyl]-2-propen-1-ol (IVb), and 3-[3-(trifluoromethyl)phenyl]-2-propenal (IIia), The compounds of Formulae IIia and IVb are key precursors in the preparation of Calcimimetic agent, Cinacalcet hydrochloride of Formula I.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1069/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :08/05/2009

(43) Publication Date : 24/05/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF 3-(3-TRIFLUOROMETHYL)PHENYL-N-(R)-1-(NAPHTHALEN-1-YL)ETHYL)PROP-2-EN-1-AMINE HYDROCHLORIDE

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :AUROBINDO PHARMA LTD
(33) Name of priority country	:NA	PLOT NO.2, MAITRIVIHAR, AMEERPET, HYDERABAD -
(86) International Application No	:NA	500038 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DIVVELA VENKATA NAGA SRINIVASA RAO
(61) Patent of Addition to Application Number	:NA	2)RACHA LENIN
Filing Date	:NA	3)DEEKONDA SATHEESH
(62) Divisional to Application Number	:NA	4)UTTAM KUMAR RAY
Filing Date	:NA	5)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :

The present invention provides an improved process for the preparation of 3-(3-(trifluoromethyl)phenyl)-N-((R)-1-(naphthalen-1-yl)ethyl)prop-2-en-1-amine hydrochloride of Formula (IIa), which comprises: (i) reacting 3-[3-(trifluoromethyl)phenyl]-2-propen-1-ol (IVb), with a reagent containing the leaving group to produce a compound of Formula IVc, wherein X represents Cl, Br, C1-3 alkyl sulfonate or C6-10 aryl sulfonate; (ii) condensing compound of Formula IVc with (R)-1-(1-naphthyl)ethylamine (X) in the presence of base in a solvent, to produce 3-(3-(trifluoromethyl)phenyl)-N-((R)-1-(naphthalen-1-yl)ethyl)prop-2-en-1-amine (unsaturated Cinacalcet) (II), (iii) treating 3-(3-(trifluoromethyl)phenyl)-N-((R)-1-(naphthalen-1-yl)ethyl)prop-2-en-1-amine (unsaturated Cinacalcet) (II) with hydrochloric acid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1070/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :08/05/2009

(43) Publication Date : 24/05/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF 3-(3-TRIFLUROMETHYL)PHENYL-N-((R)-1-(NAPHTHALEN-1-YL)ETHYL)PROP-2-EN-1-AMINE HYDROCHLORIDE

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DIVVELA VENKATA NAGA SRINIVASA RAO
(87) International Publication No	: NA	2)RACHA LENIN
(61) Patent of Addition to Application Number	:NA	3)DEEKONDA SATHEESH
Filing Date	:NA	4)UTTAM KUMAR RAY
(62) Divisional to Application Number	:NA	5)MEENAKSHISUNDERAM SIVAKUMARAN
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of 3-(3-(trifluoromethyl)phenyl)-N-((R)-1-(naphthalen-1-yl)ethyl)prop-2-en-1-amine hydrochloride (unsaturated Cinacalcet hydrochloride) of Formula IIa. The compound of formula (II) is a key intermediate in the preparation of Calcimimetic agent, Cinacalcet hydrochloride of Formula I.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1071/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :08/05/2009

(43) Publication Date : 24/05/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF CINACALCET

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DIVVELA VENKATA NAGA SRINIVASA RAO
(87) International Publication No	: NA	2)RACHA LENIN
(61) Patent of Addition to Application Number	:NA	3)DEEKONDA SATHEESH
Filing Date	:NA	4)UTTAM KUMAR RAY
(62) Divisional to Application Number	:NA	5)MEENAKSHISUNDERAM SIVAKUMARAN
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved process for the preparation of N-[(1R)-1-(1-naphthyl)ethyl]-3-[3-(trifluoromethyl)phenyl]propan-1-amine hydrochloride of Formula which comprises: reducing 3-(3-(trifluoromethyl)phenyl)-N-((R)-1-(naphthalen-1-yl)ethyl)prop-2-en-1-amine hydrochloride (IIa), to produce N-[(1R)-1-(1-naphthyl)ethyl]-3-[3-(trifluoromethyl)phenyl]-propan-1-amine hydrochloride of Formula (I), without isolating free base of N-[(1R)-1-(1-naphthyl)ethyl]-3-[3-(trifluoromethyl)phenyl]propan-1-amine (Ib).

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.117/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : SYNCHRONIZATION OF DEVICES IN A WIRELESS COMMUNICATION NETWORK

(51) International classification :H04W56/00

(31) Priority Document No :61/227,946

(32) Priority Date :23/07/2009

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

(86) International Application No :PCT/US2010/043159

Filing Date :23/07/2010

(87) International Publication No :WO 2011/011760 A9

(61) Patent of Addition 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)PALANKI, RAVI

2)KHANDEKAR, AAMOD D.

3)GAAL, PETER

(57) Abstract :

Techniques for synchronizing devices in a wireless network are described. In an aspect, a device determines a receive time for a base station, obtains a time offset for the base station from a network entity, and sets its transmit time based on the receive time and the time offset for the base station. The time offset compensates for the degree by which the base station is asynchronous with respect to a reference time, e.g., UTC time. In another aspect, a device determines and sends time difference information (e.g., a time offset or a TDOA measurement) for at least one base station to support synchronization of other devices. In yet another aspect, a network entity supports synchronization of devices, receives time difference information for at least one base station, and determines at least one time offset for the at least one base station based on the time difference information.

No. of Pages : 44 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1261/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR DUAL-MODE AUTHENTICATION IN HYBRID NETWORKS

(51) International classification :H04L12/46
(31) Priority Document No :2374/CHE/2009
(32) Priority Date :30/09/2009
(33) Name of priority country :India
(86) International Application No :PCT/IN2010/000652
Filing Date :30/09/2010
(87) International Publication No :WO 2011/039784
A9
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VINJAMURI VENKATA RAVINDRA
Address of Applicant :D-506 PRIDE APARMENT
BILEKAHALLI, BANNERAGHATTA RAOD, BANGALORE
560 076 Karnataka India
(72)**Name of Inventor :**
1)VINJAMURI VENKATA RAVINDRA

(57) Abstract :

The present invention provides a system for a dual-mode authentication of a user in hybrid networks along with an online feedback on the authenticated user's transaction. In this system a plurality of hybrid networks are connected to enable an input of user identification data, which are validated and authenticated in the hybrid networks. The present invention also provides a method for a dual-mode authentication of a user in hybrid networks along with an online feedback on the authenticated user's transaction.

No. of Pages : 55 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1642/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : USER EQUIPMENT AND MOBILE COMMUNICATION METHOD

(51) International classification :H04W48/10
(31) Priority Document No :2009-190419
(32) Priority Date :19/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/063818
Filing Date :16/08/2010
(87) International Publication No :WO 2011/021604
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NTT DOCOMO, INC.
Address of Applicant :11-1, NAGATACHO 2-CHOME,
CHIYODA-KU, TOKYO 1006150 Japan
(72)**Name of Inventor :**
1)ISHII, HIROYUKI
2)IWAMURA, MIKIO

(57) Abstract :

User equipment (100n) comprises a broadcast information receiving unit (112) configured to receive broadcast information in the downlink, wherein the broadcast information receiving unit (112) is configured so as to deem that a cell is a restricted cell when information contained in the broadcast information is an unsupported value.

No. of Pages : 43 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1647/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING ESTABLISHMENT OF COMMUNICATION CHANNELS IN A CONTACT CENTRE

(51) International classification :H04L29/06
(31) Priority Document No :12/549,534
(32) Priority Date :28/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2010/001632
Filing Date :27/08/2010
(87) International Publication No :WO 2011/023968 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NORTEL NETWORKS LIMITED
Address of Applicant :2351 BOULEVARD ALFRED-
NOBEL, ST. LAURENT, QUEBEC H4S 2A9 Canada
(72)**Name of Inventor :**
1)PETER FLANNERY
2)ENDA DOOLEY
3)PADRAIC WALSH
4)MARTIN KENIRONS

(57) Abstract :

A method for controlling establishment of a communication channel between a service provider terminal of a contact centre and a service request terminal is disclosed. The method comprises responding to receipt of a request to establish the communication channel by: a) determining whether a licence for a media type associated with the communication channel is allocated to the service provider terminal; b) if a licence is determined to be allocated to the service provider terminal, allowing establishment of the communication channel; c) if a licence is determined not to be allocated to the service provider terminal, determining availability of a licence from a pool of licences; d) if a licence is determined not to be available, refusing establishment of the communication channel; and e) if a licence is determined to be available, allocating the licence to the service provider terminal and allowing establishment of the communication channel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2212/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : CAP FOR A GREASE NIPPLE

(51) International classification :F16N21/06

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/006522

Filing Date :08/09/2009

(87) International Publication No :WO/2011/029453

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

1)SKF B.V.

Address of Applicant :P.O. BOX 2350 NL-3430 DT

NIEUWEGEIN Netherlands

(72)**Name of Inventor :**

1)GUUS WILLEMS

2)GUSTAVO SABOGAL

(57) Abstract :

The present invention relates to a protective cap (20) for a grease nipple. The protective cap comprises a removable cap portion (22) with an internal cavity (23) that is shaped to fit over and enclose a nipple head of the grease nipple, and comprises an attachment portion (24) that is adapted to remain attached to the grease nipple when the cap portion is removed. According to the invention, the attachment portion (24) of the protective cap (20) comprises a plurality of through holes (26, 27, 28, 29) each of which has a unique diameter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2250/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : ITERATIVE DECODING ARCHITECTURE WITH HARQ COMBINING AND SOFT DECISION DIRECTED CHANNEL ESTIMATION

(51) International classification :H04L1/06
(31) Priority Document No :12/552,673
(32) Priority Date :02/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045813
Filing Date :17/08/2010
(87) International Publication No :WO 2011/028414 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

Address of Applicant :INTERNATIONAL IP
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1)JIA TANG

2)ATUL A. SALVEKAR

3)PARVATHANATHAN SUBRAHMANYA

4)ANDREW SENDONARIS

5)SHANTANU KHARE

6)JONG HYEON PARK

7)BRIAN CLARKE BANISTER

8)TAO CUI

(57) Abstract :

Certain aspects of the present disclosure relate to a method for iterative decoding with re-transmissions of data and to a method for iterative decoding with soft decision directed channel estimation.

No. of Pages : 53 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2347/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : THERMALLY-CONDUCTIVE ORGANIC ADDITIVE, RESIN COMPOSITION, AND CURED PRODUCT

(51) International classification	:C08G63/12	(71)Name of Applicant :
(31) Priority Document No	:2009-213907	1)KANEKA CORPORATION
(32) Priority Date	:16/09/2009	Address of Applicant :2-4, NAKANOSHIMA 3-CHOME,
(33) Name of priority country	:Japan	KITA-KU, OSAKA-SHI, OSAKA 5308288 Japan
(86) International Application No	:PCT/JP2010/057390	(72)Name of Inventor :
Filing Date	:26/04/2010	1)SHUSUKE YOSHIHARA
(87) International Publication No	:WO 2011/033815	2)KAZUAKI MATSUMOTO
	A1	
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a thermally-conductive organic additive which (i) is an organic polymer, unlike a thermally-conductive inorganic filler such as ceramic, metal and a carbon material, (ii) is capable of imparting thermal conductivity to plastic by being added thereto, (iii) can reduce the weight of a composition even when added to a resin in a large amount, without causing abrasion on molds and deteriorating an electrical insulation property of the composition, and (iv) provides the composition with excellent molding processability. The present thermally-conductive organic additive includes a liquid crystalline thermoplastic resin which has a mainly-chain structure, wherein a main chain of the liquid crystalline thermoplastic resin contains mainly a repeating unit represented by the general formula (1): -M-Sp- ... (1) wherein M represents a mesogenic group; and Sp represents a spacer, the liquid crystalline thermoplastic resin itself having thermal conductivity of not less than 0.45 W/(m-K).

No. of Pages : 107 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2381/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : IMPROVEMENT OF AN AUDIO SIGNAL OF AN FM STEREO RADIO RECEIVER BY USING PARAMETRIC STEREO

(51) International classification :H04S1/00
(31) Priority Document No :61/241,113
(32) Priority Date :10/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/005481
Filing Date :07/09/2010
(87) International Publication No :WO 2011/029570
A8
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :APOLLO BUILDING, 3E,
HERIKERBERGWEG 1-35, 1101 CN AMSTERDAM
ZUIDOOST Netherlands
(72)**Name of Inventor :**
1)ENGDEGARD, JONAS
2)PURNHAGEN, HEIKO
3)ROEDEN, KARL, JONAS

(57) Abstract :

The invention relates to an apparatus for improving a stereo audio signal of an FM stereo radio receiver. The apparatus comprises a parametric stereo (PS) parameter estimation stage. The parameter estimation stage is configured to determine one or more parametric stereo parameters based on the stereo audio signal in a frequency-variant or frequency-invariant manner. Preferably, these PS parameters are time- and frequency-variant. Moreover, the apparatus comprises an upmix stage. The upmix stage is configured to generate the improved stereo signal based on a first audio signal and the one or more parametric stereo parameters. The first audio signal is obtained from the stereo audio signal, e.g. by a downmix operation in a downmix stage. The PS parameter estimation stage may be part of a PS encoder. The upmix stage may be part of a PS decoder.

No. of Pages : 43 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2400/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : HELIOSTAT FOR COLLECTING SUNLIGHT AND METHOD OF CONTROLLING THE SAME

(51) International classification :H02M
(31) Priority Document No :2010-237629
(32) Priority Date :22/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/070746
Filing Date :19/11/2010
(87) International Publication No : WO/2012/053120
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUI ENGINEERING & SHIPBUILDING CO., LTD.
Address of Applicant :6-4, TSUKIJI 5-CHOME, CHUO-KU, TOKYO 104-8439 Japan
(72)**Name of Inventor :**
1)SAKAI, SHOJI
2)HAYASAKA, SHIRO
3)ABE, KATSUYOSHI
4)ITO, KOZO

(57) Abstract :

[Object] To provide a heliostat which is capable of collecting light with high efficiency and whose manufacturing cost and installation cost are reduced and also to provide a method of controlling the heliostat. [Solving Means] In a heliostat 1 including: a reflecting mirror 2 configured to reflect sunlight; and a support mechanism 3 configured to support the reflecting mirror 2 in a tiltable manner, the support mechanism 3 has a single supporting column 4 and a first cylinder 5 and a second cylinder 6. the reflecting mirror is supported at a back surface thereof by a supporting column upper end 4t: of the supporting column 4, a first cylinder upper end 5t of the first cylinder 5 and a second cylinder upper end 6t of the second cylinder 6 in a tiltable manner. The supporting column upper end 4t, the first cylinder upper end 5t and the second cylinder upper end 6t are arranged in such a manner as to form a triangle on the back surface of the reflecting mirror 2. A gimbal bearing is used to connect the supporting column upper end and the reflecting mirror, the gimbal bearing being configured to be tiltable in two axial directions intersecting with each other.

No. of Pages : 28 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2471/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : SWITCHGEAR DEVICE HAVING AT LEAST ONE SINGLE-POLE BREAKING UNIT COMPRISING A CONTACT BRIDGE AND CIRCUIT BREAKER COMPRISING ONE SUCH DEVICE

(51) International classification :H01H9/34
(31) Priority Document No :09/04457
(32) Priority Date :18/09/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/000592
Filing Date :30/08/2010
(87) International Publication No :WO 2011/033182
A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)GRUMEL, CHRISTOPHE
2)ANGLADE, HERVE
3)RIVAL, MARC
4)GONNET, JEAN-PAUL

(57) Abstract :

Switchgear device (600) having at least one single-pole breaking unit (10), said unit comprising a movable contact bridge (22), a pair of stationary contacts (41, 51) operating in conjunction with said movable contact bridge and respectively connected to a current input conductor (4,5), and two arc extinguishing chambers (24) respectively opening onto an opening volume of the contact bridge (22), and comprising a stack of at least two deionizing fins (25) separated from one another by a gas exchange space. Each extinguishing chamber (24) is connected to at least one quenching gas exhaust channel (38, 42), said exhaust channels opening onto a line-side panel of the case (12) of the breaking unit (10), said line-side panel being positioned opposite another load-side panel designed to be placed in contact with trip means (7).

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2495/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD, SYSTEM AND APPARATUS FOR MANUFACTURING A RADIO FREQUENCY IDENTIFICATION DEVICE

(51) International classification	:G06K19/077
(31) Priority Document No	:12/566,719
(32) Priority Date	:25/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/049557
Filing Date	:21/09/2010
(87) International Publication No	:WO 2011/037874 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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PASADENA, CA 91103 U.S.A.
(72)**Name of Inventor :**
1)FORSTER, IAN, J.

(57) Abstract :

A method, system and apparatus for manufacturing radio frequency identification (RFID) devices. An RFID device can be formed with a substrate, a conductor and a laminate or coating. The RFID device can be such that an antenna can be formed on the conductor and the laminate can be applied to insulate or protect the antenna.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2496/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : SELF ADAPTING HAPTIC DEVICE

(51) International classification :H04M19/04
(31) Priority Document No :12/571,326
(32) Priority Date :30/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/050894
Filing Date :30/09/2010
(87) International Publication No :WO 2011/041535 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)HILL, MATTHEW
3)HUWE, ETHAN, LARRY
4)ROTHKOPF, FLETCHER
5)DINH, RICHARD, HUNG, MIHN

(57) Abstract :

Methods and apparatuses are disclosed that allow an electronic device to autonomously adapt one or more user alerts of the electronic device. For example, some embodiments may include a method for operating a haptic device including driving a haptic device using a control signal, measuring a frequency related to the operation of the haptic device and comparing the measured frequency with a target frequency. A control signal is adjusted based on the comparison to drive the haptic device to the target frequency.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2542/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : HETEROCYCLIC ANTIVIRAL COMPOUNDS

(51) International classification :C07D495/04

(31) Priority Document No :61/245, 497

(32) Priority Date :24/09/2009

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

(86) International Application No :PCT/EP2010/063832

Filing Date :21/09/2010

(87) International Publication No :WO 2011/036128

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)BROKA, CHRIS, ALLEN

2)HENDRICKS, ROBERT, THAN

3)MAAG, HANS

4)SMITH, DAVID, BERNARD

5)WANNER, JUTTA

(57) Abstract :

The invention discloses 1-N-substituted-6-(hetero)aryl-1H-thieno[3,2-d]pyrimidin-4-one derivatives of formula wherein R1, R2, R3 and R4 are as defined herein that inhibit Hepatitis C virus NS5b polymerase inhibitors. Also disclosed are compositions and methods for treating an HCV infection and inhibiting HCV replication.

No. of Pages : 80 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2572/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : SHADE DEVICE

(51) International classification	:B60J3/00
(31) Priority Document No	:2009-262739
(32) Priority Date	:18/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/068579
Filing Date	:21/10/2010
(87) International Publication No	:WO 2011/062022
	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)OYA, TAKEAKI

2)YASUDA, SOSHI

(57) Abstract :

Included are: a shade; a housing member to which the shade is mounted so as to be extended/housed through an opening; a lid body disposed in the housing member so as to open/close the opening and configured to rotate about a rotation axis of a shaft portion between an opened position and a closed position along with an extending/housing movement of the shade; and a spring member configured to bias the lid body in a rotation direction. The spring member is disposed so as to change a direction of a biasing force along with a rotary movement of the lid body so that a rotational biasing force in an opening direction is exerted on the lid body in a state in which the lid body is opened and that a rotational biasing force in a closing direction is exerted on the lid body in a state in which the lid body is closed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2574/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : BIOLOGICS INFUSION SYSTEM

(51) International classification :A61M 5/168
(31) Priority Document No :12/563,876
(32) Priority Date :21/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/049367
Filing Date :17/09/2010
(87) International Publication No :WO 2011/035182 A2
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**

1)DIB, NABIL

(57) Abstract :

A system for moving particles suspended in a first fluid, and for infusing them into the stream of a second fluid, in-chides a catheter with a multi-lumen distal tip. The tip is formed with a plurality of parallel lumens, wherein each lumen has a predetermined diameter. Importantly, the diameter of each lumen is dimensioned to sequentially receive particles therethrough, to prevent the particles from flocculating before they enter the stream of the second fluid. A valve, affixed to the outside of the catheter, can be provided to regulate flow of the second fluid and thereby facilitate entry of the particles into the stream of the second fluid.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2578/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD OF CONTROLLING THE THERMAL BALANCE OF THE REACTION SHAFT OF A SUSPENSION SMELTING FURNACE AND A CONCENTRATE BURNER

(51) International classification :C22B15/00
(31) Priority Document No :20096071
(32) Priority Date :19/10/2009
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2010/050812
Filing Date :19/10/2010
(87) International Publication No :WO 2011/048265
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)SIPILA, JUSSI
2)LAHTINEN, MARKKU
3)BJORKLUND, PETER
4)PELTONIEMI, KAARLE
5)AHOKAINEN, TAPIO
6)PESONEN, LAURI, P.

(57) Abstract :

The invention relates to a method of controlling the thermal balance of the reaction shaft of a suspension smelting furnace and to a concentrate burner for feeding reaction gas and pulverous solid matter into the reaction shaft of the suspension smelting furnace. In the method, endothermic material (16) is fed by the concentrate burner (4) to constitute part of the mixture formed from the powdery solid matter (6) and reaction gas (5), so that a mixture containing the powdery solid matter (6), reaction gas (5) and endothermic material (6) is formed in the reaction shaft (2). The concentrate burner (4) comprises cooling agent feeding equipment (15) for adding the endothermic material (16) to constitute part of the mixture, which is formed from the pulverous solid matter (6) that discharges from the orifice (8) of the feeder pipe and the reaction gas (5) that discharges through the annular discharge orifice (14).

No. of Pages : 24 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2665/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : PROTECTION OF NETWORK FLOWS DURING CONGESTION IN A COMMUNICATION NETWORK

(51) International classification :H04L 12/26
(31) Priority Document No :12/592,047
(32) Priority Date :18/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/002943
Filing Date :10/11/2010
(87) International Publication No :WO 2011/062606 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)EVANS, JOHN
2)LE FAUCHEUR, FRANCOIS
3)CHARNY, ANNA
4)ZHANG, XINYANG

(57) Abstract :

In one embodiment, an apparatus includes a processor for mapping packets associated with network flows to policy profiles independent of congestion level at the apparatus, and enforcing the policy profiles for the packets based on a congestion state. Packets associated with the same network flow are mapped to the same policy profile and at least some of the network flows are protected during network congestion. The apparatus further includes memory for storing the policy profiles. A method for protecting network flows during network congestion is also disclosed.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2669/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : RANGING CAMERA APPARATUS

(51) International classification	:G01C 3/06
(31) Priority Document No	:2009-239946
(32) Priority Date	:19/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/068537
Filing Date	:14/10/2010
(87) International Publication No	:WO 2011/049149
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)YOKOTA, SOICHIRO

(57) Abstract :

A ranging camera apparatus includes an imaging device that images a subject and outputs polarization image data having a phase difference; an operating process unit; a memory-, and an image processing unit. The operating process unit includes first and second polarization ratio information processing units and a parallax calculating unit. The first and the second polarization ratio information processing units receive the polarization image data and calculate polarization ratio information image data and luminance information image data. The parallax calculating unit receives the polarization ratio information image data and generates parallax information image data. The polarization ratio information image data, the luminance information image data, and the parallax information image data are stored in the memory. The image processing unit recognizes the subject based on the data stored in the memory, and calculates a three-dimensional position of the subject based on the parallax information image data.

No. of Pages : 54 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2670/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : WORKPIECE CONSOLE

(51) International classification :B23Q 16/06
(31) Priority Document No :20 2009 013 241.2
(32) Priority Date :02/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2010/075098
Filing Date :27/09/2010
(87) International Publication No :WO 2011/038734 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)SEITZ, JURGEN
(72)**Name of Inventor :**
1)HOFMANN, KLAUS

(57) Abstract :

The invention concerns a workpiece console 1, in particular, for machine tools, with an adjusting element 2, which can rotate around an axis Z that preferably runs vertically, and with a flange element 3 for the detachable installation of workpieces or workpiece carriers, wherein the flange element 3 is supported so that it can rotate around a Y axis, which is preferably inclined at a right angle to the Z axis and which preferably runs horizontally, wherein the adjusting element 2 is coupled via a gear 4 with the flange element 3, so as to transfer a rotational movement of the adjusting element 2 to the flange element 3, wherein the workpiece console also comprises a graduated disk 14, which has a division grid 8 and which is coupled nonrotatably with the flange element 3, and an affixing mechanism 5, so as to lock in a detachable manner the graduated disk 14 in a rotational angle position, which can be adjusted by means of the adjusting element 2.

No. of Pages : 19 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2672/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : MATCHING PARTIES TO A TRANSACTION FOR AN AGRICULTURAL COMMODITY

(51) International classification :G06Q 30/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US09/057528

Filing Date :18/09/2009

(87) International Publication No :WO 2011/034540

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)UPADHYA, SHARATH, H.

4)NANDA, VISHNU

5)SAIMANI JAYANTH

6)MUDIGAL, NARENDRA, RAGHOTHAMA

(57) Abstract :

In general, in one aspect, the invention relates to a method for matching parties to a transaction of an agricultural commodity. The method involves receiving buyer criteria (e.g., purchase quantity, buyer price, transaction location at which to buy the agricultural commodity) sent from a mobile device used by a primary and secondary buyer. The method further involves receiving seller criteria sent from a seller mobile device. The method further involves matching, within a predetermined period of time after receiving the buyer criteria and the seller criteria, the primary and secondary buyer with the seller based on determining that a yield is sufficient to meet the purchase quantity and a transaction location at which to buy the agricultural commodity falls within a number of locations common the primary/secondary buyers and the seller. The method further involves sending the buyer criteria to the seller mobile device using short message service (SMS) format.

No. of Pages : 72 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2626/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF OPTICALLY ACTIVE ETHYL 1-AMINO-2-ETHENYLCYCLOPROPANECARBOXYLATE

(51) International classification	:C07C227/34	(71)Name of Applicant :
(31) Priority Document No	:2009-193914	1)SUMITOMO CHEMICAL COMPANY, LIMITED
(32) Priority Date	:25/08/2009	Address of Applicant :27-1, SHINKAWA 2-CHOME,
(33) Name of priority country	:Japan	CHUO-KU, TOKYO 104-8260 Japan
(86) International Application No	:PCT/JP2010/063950	(72)Name of Inventor :
Filing Date	:12/08/2010	1)YASUOKA, JUNICHI
(87) International Publication No	:WO 2011/024691	2)AIKAWA, TOSHIAKI
	A1	3)IKEMOTO, TETSUYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Ethyl 1-amino-2-ethenylcyclopropanecarboxylate having a high optical purity can be produced by a process for the preparation of optically active ethyl 1-amino-2-ethenylcyclopropanecarboxylate represented by formula (3) or its enantiomer, or an acid addition salt thereof, which comprises a step of reacting a mixture containing a (1R,2S)-isomer and a (1S,2R)-isomer of ethyl 1-amino-2-ethenylcyclopropanecarboxylate represented by the formula (1) with an optically active tartranilic acid compound represented by formula (2) to produce a mixture of diastereomeric salts; a step of separating one diastereomeric salt from the other diastereomeric salt; and a step of treating the separated diastereomeric salt with an acid or a base to decompose the diastereomeric salt.

No. of Pages : 38 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2706/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : MEMBRANE FILTRATION DEVICE

(51) International classification :B01D 65/10
(31) Priority Document No :2009-197156
(32) Priority Date :27/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/064259
Filing Date :24/08/2010
(87) International Publication No :WO 2011/024794
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)IKEYAMA, NORIO
3)NAGASHIMA, TOSHIO

(57) Abstract :

The present invention provides a membrane filtration device capable of performing radio communication well by disposing the radio antenna in a more suitable manner. The membrane filtration device includes an internal member 100 disposed at a position different from that between the filtration membrane within the pressure vessel 40 and an inner wall of the pressure vessel 40, at least a part of an outer wall of which is close to the inner wall of the pressure vessel 40, and a radio antenna 103A disposed in the internal member 100. Since the at least part of the outer wall of the internal member 100 is close to the inner wall of the pressure vessel 40, the thickness of the raw liquid present between the outer wall and the inner wall of the pressure vessel 40 is small, so that the damping of the radio wave due to the raw liquid can be restrained, thereby making it possible to perform the radio communication well. Furthermore, restrictions on the position at which the radio antenna 103A is disposed can be alleviated, and the radio antenna 103A can be disposed in a more suitable manner as compared with a case in which the radio antenna 103A is provided between the filtration membrane within the pressure vessel 40 and the inner wall of the pressure vessel 40.

No. of Pages : 52 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2709/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHODS OF TREATMENT USING ANTI-OXIDIZED LDL ANTIBODIES

(51) International classification :A61K 39/395
(31) Priority Document No :61/238,114
(32) Priority Date :28/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/047030
Filing Date :27/08/2010
(87) International Publication No :WO 2011/025978 A2
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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2)BULLENS, SHERRON

3)CARLSSON, ROLAND

4)FRENDEUS, BJORN

5)GLAZER, STEVEN

6)GROVE, KEVIN

7)VAN BRUGGEN, NICK

(57) Abstract :

The present invention relates to methods and compositions for increasing insulin sensitivity comprising the administration of anti-oxidized LDL antibodies.

No. of Pages : 144 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2715/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : OIL RING FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F02F5/00
(31) Priority Document No :2009-232324
(32) Priority Date :06/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/067521
Filing Date :06/10/2010
(87) International Publication No :WO 2011/043364
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)MURAMATSU GYO
4)OBARA RYO
5)MIYASHITA TETSUJI
6)WATANABE TADAHIKO

(57) Abstract :

Disclosed is an oil ring for an internal combustion engine, which does not undergo the adhesion or deposition of an oil sludge and does not cause the adhesion between constituent members of an engine when the engine is driven for a long period and can exhibit an excellent oil control function for a prolonged period. At least a part of the surface of an oil ring for an internal combustion engine is covered with a metal coating film having a surface free energy of 40 mJ/m² or less and a hydrogen bonding force of 1.0 mJ/m² or less. As the metal coating film, a metal coating film containing Ni or Cu or an alloy coating film containing Ni or Cu is used.

No. of Pages : 28 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2717/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : POURING EQUIPMENT HAVING MELTING FURNACE

(51) International classification :B22D45/00
(31) Priority Document No :2010-004800
(32) Priority Date :13/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071269
Filing Date :29/11/2010
(87) International Publication No :WO 2011/086778
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)TERADA, HIDE TO

(57) Abstract :

It is time-consuming to transfer molten, metal, which is melted by a melting furnace, to a ladle serving as a conveyance container, convey the ladle to a molten metal pouring site, and then pour the molten metal after lifting the ladle by a crane. This results in a defect in a molding due to a decrease in the temperature of the molten metal melted at high temperature. A molten metal pouring device for pouring molten metal into a mold, the molten metal pouring device being provided with a melting furnace which melts a metallic material to produce the molten metal, and also with a drive device which is adapted to move the melting furnace in the front-rear direction and in the lateral direction. The melting furnace is disposed at a predetermined position by driving the drive device, and the melting furnace is tilted relative to the mold to pour the molten metal into the mold.

No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2722/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : DEVICE FOR COMMINUTING OR GRINDING

(51) International classification	:B04B1/20	(71) Name of Applicant :
(31) Priority Document No	:10 2009 054 215.9	1)IKA-WERKE GMBH & CO. KG
(32) Priority Date	:21/11/2009	Address of Applicant :JANKE UND KUNKEL STRASSE
(33) Name of priority country	:Germany	10, 79219 STAUFEN Germany
(86) International Application No	:PCT/EP2010/006650	(72) Name of Inventor :
Filing Date	:30/10/2010	1)JAGLE, PETER
(87) International Publication No	:WO 2011/060882	2)BIERHALS, HENRY
	A3	
(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 device (1) for comminuting or grinding comprising a container (2) for receiving the material to be ground and a tool (5) which rotates in said container (2) during processing, and a drive for said tool (5). The container (2) having the tool (5) can be detachably coupled to the drive, which is to say that the container (2) having the tool (5) does not have to be cleaned after a grinding operation but can be replaced by a new such container (2). For said purpose, the tool (5) located in the container (2) can be rotated loosely when in the position of being detached or uncoupled from the drive or before a corresponding coupling operation and, when in the working position, is rotationally fixedly connected to the drive and centered by means of the coupling.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2734/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MODELING GEOLOGIC PROPERTIES USING HOMOGENIZED MIXED FINITE ELEMENTS

(51) International classification	:G06G7/48	(71)Name of Applicant :	
(31) Priority Document No	:61/263,633	1)EXXONMOBIL UPSTREAM RESEARCH COMPANY	
(32) Priority Date	:23/11/2009	Address of Applicant :P.O. BOX 2189, HOUSTON,	
(33) Name of priority country	:U.S.A.	TEXAS 77252-2189 U.S.A.	
(86) International Application No	:PCT/US2010/046980	(72)Name of Inventor :	
Filing Date	:27/08/2010	1)JEROME LEWANDOWSKI	
(87) International Publication No	:WO 2011/062671 A1	2)SERGUEI MALIASSOV	
(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 hydrocarbon management of a reservoir is provided. The method includes generating a model of a reservoir comprising a plurality of homogenized mixed finite elements in an unstructured computational mesh. The unstructured computational mesh may be coarsened to form a plurality of coarser computational meshes in the model. A convection-diffusion subsurface process may be evaluated on a coarsest computation mesh. A result may be transferred from the coarsest computational mesh to a finest computational mesh, and a performance parameter for the hydrocarbon reservoir may be predicted from the model. The predicted performance parameter may be used for hydrocarbon management of the reservoir.

No. of Pages : 56 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2762/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : ASSEMBLY FOR A DRUG DELIVERY DEVICE

(51) International classification :A61M5/315

(31) Priority Document No :09171596.1

(32) Priority Date :29/09/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/064330

Filing Date :28/09/2010

(87) International Publication No :WO 2011/039163
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)RAAB, STEFFEN

2)ARNHOLD, SANDRA

(57) Abstract :

Assembly for a drug delivery device An assembly for a drug delivery device (1), comprises a housing (2), a dose member (22), a guide track (42) and a spring member (26). The dose member (22) is adapted to be rotated in a dose setting direction with respect to the housing (2) for setting a dose of a drug (5) and to be rotated in a dose delivery direction with respect to the housing (2) for delivering the set dose. The dose member (22) comprises a guide feature (46). The guide track (42) is configured to mechanically cooperate with the guide feature (46). The guide track (42) comprises a first section (43A) and a second section (43B) which are connected to each other via a connection region (55). The first section (43A) defines an angular start position (54) for the guide feature (46) and the second section (43B) defines an axial stop position (56) for the guide feature (46). When the dose member (22) is rotated in the dose setting direction, the guide feature (46) is angularly displaced from the angular start position (54) towards the connection region (55), the spring member (26) is torsionally biased, the biased spring member (26) tending to angularly displace the guide feature (46) towards the angular start position (54). When the guide feature (46) has passed the connection region (55), the guide feature (46) enters the second section (43B) and is axially displaced in a proximal direction with respect to the housing (2) towards the axial stop position (56). In the axial stop position, reduction of the torsional bias is prevented by mechanical cooperation of the guide feature (46) and the second section (43B).

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

(54) Title of the invention : (THIO)MORPHOLINE DERIVATIVES AS S1P MODULATORS

(51) International classification :C07D265/30
 (31) Priority Document No :61/238,518
 (32) Priority Date :31/08/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP2010/062552
 Filing Date :27/08/2010
 (87) International Publication No :WO 2011/023795
 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)IWEMA BAKKER, WOUTER, I.

2)COOLEN, HEIN K.A.C

3)MONS, HARMEN

4)STOIT, AXEL

5)RONKEN, ERIC

6)VAN DER KAM, ELIZABETH

7)FRANKENA, JURJEN

(57) Abstract :

The present invention relates to (thio)morpholine derivatives of the formula (I) wherein R1 is selected from cyano, (2-4C)alkynyl, (1-4C)alkyl, (3-6C)cycloalkyl, (4-6C)cycloalkenyl, (6-8C)bicycloalkyl, (8-10C)bicyclic group, each optionally substituted with (1-4C)alkyl, phenyl, biphenyl, naphthyl, each optionally substituted with one or more substituents independently selected from halogen, (1-4C)alkyl optionally substituted with one or more fluoro atoms, (2-4C)alkynyl, (1-4C)alkoxy optionally substituted with one or more fluoro atoms, amino, di(1-4C)alkylamino, -SO2-(1-4C)alkyl, -CO-(1-4C)alkyl, -CO-O-(1-4C)alkyl, -NH-CO-(1-4C)alkyl and (3-6C)cycloalkyl, phenyl substituted with phenoxy, benzyl, benzyloxy, phenylethyl or monocyclic heterocycle, each optionally substituted with (1-4C)alkyl, monocyclic heterocycle optionally substituted with halogen, (1-4C)alkyl or with phenyl optionally substituted with (1-4C)alkyl, and bicyclic heterocycle optionally substituted with (1-4C)alkyl; A is selected from -CO-O-, -O-CO-, -NH-CO-, -CO-NH-, -C=C-, -CCH3-O- and the linking group -Y-(CH2)n-X- wherein Y is attached to R1 and selected from a bond, -O-, -S-, -SO-, -SO2-, -CH2-O-, -CO-, -O-CO-, -CO-O-, -CO-NH-, -NH-CO-, -C=C- and -C=C-; n is an integer from 1 to 10; and X is attached to the phenylene/pyridyl group and selected from a bond, -O-, -S-, -SO-, -SO2-, -NH-, -CO-, -C=C- and -CHC-; ring structure B optionally contains one nitrogen atom; R2 is H, (1-4C)alkyl optionally substituted with one or more fluoro atoms, (1-4C)alkoxy optionally substituted with one or more fluoro atoms, or halogen; and R3 is (1-4C)alkylene-R5 wherein the alkylene group may be substituted with (CH2)2 to form a cyclopropyl moiety or one or two halogen atoms, or R3 is (3-6C)cycloalkylene-R5 or -CO-CH2-R5, wherein R5 is -OH, -PO3H2, -OPO3H2, -COOH, -COO(1-4C)alkyl or tetrazol-5-yl; R4 is H or (1-4C)alkyl; R6 is one or more substituents independently selected from H, (1-4C)alkyl or oxo; W is -O-, -S-, -SO- or -SO2-; or a pharmaceutically acceptable salt, a solvate or hydrate thereof; with the proviso that the derivative of formula (I) is not 2-(4-ethylphenyl)-4-morpholinoethanol or 4-[4-(2-hydroxyethyl)-2-morpholinyl]benzeneacetonitrile or a pharmaceutically acceptable salt, a solvate or hydrate thereof. The compounds of the invention have affinity to S1P receptors and may be used in the treatment, alleviation or prevention of S1P receptor mediated diseases and conditions.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2806/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : GEARBOX ACTUATOR

(51) International classification :F16H 61/30
(31) Priority Document No :10 2010 009 338.6
(32) Priority Date :25/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/007232
Filing Date :30/11/2010
(87) International Publication No :WO 2011/103895
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)KELPE, HOLGER

2)KLIK, STEFAN

3)WILLMS, JENS

(57) Abstract :

The invention concerns a gearbox actuator for automatic operation of a manual gearbox with a gate selection actuating cylinder (1) for selection of a shift gate (8, 9, 10, 11) and a gear selection actuating cylinder (2) for engaging a gear (12, 13, 14, 15, 16, 17, 18) in a shift gate (8, 9, 10, 11). On this basis, a gearbox actuator for automatic operation of a manual gearbox is described with which a multiplicity of defined positions can be approached with low constructional complexity. For this it is provided that the gate selection actuating cylinder (1) or a component (6) which can be moved by the gate selection actuating cylinder (1) can be fixed automatically via a catch device (28, 29, 30) in at least one predetermined catch position (19).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2824/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : DETERMINATION OF HANDOVER PARAMETERS BY THE ACCESS POINT

(51) International classification :H04W36/00

(31) Priority Document No :61/254,148

(32) Priority Date :22/10/2009

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

(86) International Application No :PCT/US2010/053870

Filing Date :22/10/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)MESHKATI Farhad

3)JIANG Yi

(57) Abstract :

A parameter for transmission by an access point is determined in a manner that facilitates access terminal mobility. For example a cell reselection parameter and/or a handover parameter may be determined based on the quality of a signal from one access point (e.g. a macro cell) at another access point (e.g. a femto cell). In addition a cell reselection parameter and/or a handover parameter may be determined based on the proximity of one access point (e.g. a femto cell) to another access point (e.g. a macro cell). Through the use of these techniques a parameter may be determined in a manner that mitigates access terminal ping-ponging between access points and that mitigates outages that may otherwise occur as a result of an access terminal remaining on an access point too long.

No. of Pages : 75 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2825/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHODS AND APPARATUS FOR ESTIMATING DEPARTURE TIME BASED ON KNOWN CALENDAR EVENTS

(51) International classification :G01C21/00

(31) Priority Document No :12/581,301

(32) Priority Date :19/10/2009

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

(86) International Application No :PCT/US2010/053252

Filing Date :19/10/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KIM Frederick D.

2)DALEY Robert S.

(57) Abstract :

A method and apparatus generating a departure alert for an event based on a current location. The method may comprises: obtaining scheduling data associated with a first event wherein the first event scheduling data includes a first event time value and a first event location value obtaining a device location value obtaining a current time value determining if the first event location value and the device location value differ by more than a event location threshold upon a determination that the first event location value and the device location value differ by more than the event location threshold estimating a first travel time value from the device location and the first event location generating a departure time value by comparing the first event time value and the estimated first travel time value and generating a departure alert by comparing the departure time value and the current time value.

No. of Pages : 54 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2887/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR REFERENCE SIGNAL RESOURCE ALLOCATION

(51) International classification :H04L5/00

(31) Priority Document No :61/251,939

(32) Priority Date :15/10/2009

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

(86) International Application No :PCT/US2010/052962

Filing Date :15/10/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CHEN Wanshi

2)GAAL Peter

3)MONTJOJO Juan

4)LUO Tao

(57) Abstract :

A wireless communication method implemented in a multi-user multi-input multi-output MU-MIMO system is disclosed which includes forming one or more antenna port sets wherein an antenna port set comprises two or more antenna ports and allocating transmission resources to a user equipment reference signal UE-RS the allocating being based at least in part on an antenna port set index.

No. of Pages : 57 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2888/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHODS AND APPARATUS TO PROXY DISCOVERY AND NEGOTIATIONS BETWEEN NETWORK ENTITIES TO ESTABLISH PEER-TO-PEER COMMUNICATIONS

(51) International classification :H04W76/02

(31) Priority Document No :61/248,325

(32) Priority Date :02/10/2009

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

(86) International Application No :PCT/IB2010/054409

Filing Date :30/09/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MONTEMURRO Michael

2)MCCOLGAN Brain Edward

3)MCCANN Stephen

(57) Abstract :

A method for peer to peer communications is provided. The method includes receiving first set of information (508a 508b) containing capabilities for a peer-to-peer communication. The method further includes communicating (510a 510b) the first information to facilitate a peer-to-peer communication. The method includes utilizing a intermediary node (502) to convey the capabilities and to further update the information/capabilities as the information changes over time.

No. of Pages : 73 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2889/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHODS AND APPARATUS FOR CROSS-CELL COORDINATION AND SIGNALING

(51) International classification :H04W48/12

(31) Priority Document No :61/252,125

(32) Priority Date :15/10/2009

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

(86) International Application No :PCT/US2010/052957

Filing Date :15/10/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)ZHANG Xiaoxia

3)SEONG Kibeom

4)LIU Ke

5)YOO Taesang

(57) Abstract :

Methods and apparatus for providing cross-cell signaling and/or coordination for interference mitigation in wireless communication networks are described. In one aspect a UE associated with a serving eNB may receive control signaling from another non-serving eNB in a different cell. The control signaling may be consistent with a characteristic of the serving eNB and associated cell. In another aspect multiple eNBs may coordinate transmission of DL resources to minimize collisions of control signaling resources.

No. of Pages : 62 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2890/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHODS AND APPARATUS TO ESTABLISH PEER-TO-PEER COMMUNICATIONS

(51) International classification :H04W76/02
(31) Priority Document No :61/248,328
(32) Priority Date :02/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/054408
Filing Date :30/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MCCOLGAN Brain Edward

(57) Abstract :

A method and device for peer-to-peer communications is provided. The method includes communication of the capabilities (204) of a device (302a) to another device (302b) or network component (104). A peer to peer communication is established based on at least one of the capabilities of the device. The method may also include utilizing a control point or access point in conveying the capabilities of the device to another device.

No. of Pages : 70 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2891/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : BIODEGRADABLE MOLDED PRODUCTS

(51) International classification :D21J3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/MY2010/000021
Filing Date :09/02/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**

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(57) Abstract :

The invention relates to a process of manufacturing 100% biodegradable molded products. The process includes the use of materials such as starch and corn wastes such as corncobs cornstem corn roots and cornleaves. Accordingly the corn wastes are pulverized and added to a determined ratio of water and starch to produce a pulp mixture. The pulp mixture is then molded into desired shape of products using determined amount of pulp mixture to prevent wastage. The biodegradable molded products require no coating for water resistance or trimming unlike previous products which are produced using conventional processes. These biodegradable molded products can be molded into various uses such as food catering utensils packaging and containers for various industries. The resulting biodegradable product is inexpensive 100% biodegradable and useful.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2894/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : PLANTS HAVING ENHANCED YIELD-RELATED TRAITS AND A METHOD FOR MAKING THE SAME•

(51) International classification	:C07K14/415	(71)Name of Applicant :
(31) Priority Document No	:09171353.7	1)BASF Plant Science Company GmbH
(32) Priority Date	:25/09/2009	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/063931	1)HATZFELD Yves
Filing Date	:22/09/2010	2)REUZEAU Christophe
(87) International Publication No	: NA	3)FRANKARD Valerie
(61) Patent of Addition to Application Number	:NA	4)LOUWERS Marieke
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates generally to the field of molecular biology and concerns a method for improving various plant growth characteristics by modulating expression in a plant of a nucleic acid encoding a GDH (Glutamate DeHydrogenase) polypeptide. The present invention also concerns plants having modulated expression of a nucleic acid encoding a GDH polypeptide which plants have improved growth characteristics relative to corresponding wild type plants or other control plants. The invention also provides constructs useful in the methods of the invention. The present invention relates generally to the field of molecular biology and concerns a method for enhancing various economically important yield-related traits in plants. More specifically the present invention concerns a method for enhancing yield-related traits in plants by modulating

No. of Pages : 218 No. of Claims : 115

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2895/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : STANDING SEAT

(51) International classification :A47C 9/02
(31) Priority Document No :20 2009 014 380.5
(32) Priority Date :23/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/061010
Filing Date :29/07/2010
(87) International Publication No :WO 2011/047896
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)GLOCKL, JOSEF

(57) Abstract :

Seat comprising a seat carrier (2) for receiving and supporting a seat plate (3) comprising a back region (4) and a front region (5), wherein the back region, which is used to receive the seat legs (os iscbii), is arranged lower than the front region and the seat carrier supports the back region, wherein the front region of the seat plate is designed free of direct supports in a compliant manner as a flexible zone (9). (57) Zusammenfassung: Sitz init einem Sitztrager (2) zur Aufiiahme und Abstiitzung einer Sitzplatte (3), die einen riickwartigen Bereich (4) und einen vorderen Bereich (5) aufweist, und der riickwartige Bereich, der der Aumahme [Fortsetzung aufder nächsten Seite]

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2913/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SCALABLE QUANTIZATION OF CHANNEL STATE INFORMATION FOR MIMO TRANSMISSION

(51) International classification :H04B7/06
(31) Priority Document No :61/249,726
(32) Priority Date :08/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/052097
Filing Date :08/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MALLIK Siddhartha
2)GOROKHOV Alexei Yurievitch
3)NAM Wooseok

(57) Abstract :

Techniques for reporting channel state information (CSI) are described. A user equipment (UE) may receive data transmission from one or more cells among a plurality of cells and may report CSI for each of the plurality of cells. In an aspect the UE may generate CSI with different quantization granularity (e.g. different codebook sizes) or different frequency granularity (e.g. different subband sizes) and/or different time granularity (e.g. different reporting intervals) for different cells based on the performance impact of each cell for data transmission to the UE. The performance impact of each cell may be determined based on a long-term channel gain or received power of the cell at the UE. The UE may quantize the CSI for each cell based on the codebook size for the cell. The UE may generate the CSI for each cell based on the subband size and/or the reporting interval for the cell.

No. of Pages : 53 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2914/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : IMPROVED DOWNLINK ASSOCIATION SET FOR UPLINK ACK/NACK IN TIME DIVISION DUPLEX SYSTEM

(51) International classification :H04L5/00
(31) Priority Document No :61/251,666
(32) Priority Date :14/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/052736
Filing Date :14/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ZHANG Xiaoxia

2)CHEN Wanshi

3)MONTJOJO Juan

4)GAAL Peter

(57) Abstract :

In a Time Division Duplex (TDD) system, downlink and uplink communications share the same bandwidth but occupy different subframes. When the downlink has more subframes than the uplink, special treatment on user equipment (UE) ACK/NACK feedback is needed. One uplink may need to ACK multiple downlink subframes. A downlink association without unnecessary ACK/NACK resources sets accounts for subframes for which ACK feedback is not desired. Examples of such subframes include: a blank subframe; an almost blank subframe where only a cell specific Reference Signal (RS) is transmitted; a Time Division Multiplex (TDM) partition in which an evolved NodeB (eNB) only transmits a Physical Downlink Shared Channel (PDSCH) or a Physical Downlink Control Channel (PDCCH) indicating Semi-persistent scheduling (SPS) at certain downlink subframes; a Downlink Pilot Timeslot (DwPTS) with a certain special subframe configuration where an eNB does not send the PDSCH and the UE is not in SPS active mode in the DwPTS; and a Multi-Media Broadcast over a Single Frequency Network (MBSFN) subframe when the UE is not in SPS active mode in the MBSFN subframe.

No. of Pages : 33 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2915/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR PROVIDING ADVANCED SEARCH RESULT PAGE CONTENT

(51) International classification :G06F17/30
(31) Priority Document No :12/563,152
(32) Priority Date :20/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/049095
Filing Date :16/09/2010
(87) International Publication No :WO/2011/035007
(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)AMIT JYOTI BASU
2)KEVIN HAAS
3)AMIT KUMAR
4)PAUL TARJAN
5)JEONGHEE YI

(57) Abstract :

The present invention provides a method and system for generating search results including receiving a search request including at least one search term and accessing a corpus of data to determine relevant content for inclusion in a search result set on the basis of the search request. The method and system includes determining a plurality of applications associated with the search request and generating a search result output display for the presentation of at least a portion of the search result set and at least a portion of the applications.

No. of Pages : 46 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2917/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : APPARATUS FOR USE WITH STERILANT VAPOUR GENERATORS

(51) International classification :A61L2/26
(31) Priority Document No :0919131.3
(32) Priority Date :30/10/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/001745
Filing Date :17/09/2010
(87) International Publication No :WO 2011/051645 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)ADAMS, NICHOLAS MARK TURNER
2)CUMBERLEGE, OLIVER

(57) Abstract :

This invention relates to apparatus for use with a sterilant vapour generator used for sterilising an enclosure, said apparatus providing means for enhancing the distribution of the sterilant vapour in the enclosure during a gassing phase of the sterilisation process and for removing the sterilant vapour from the air in the enclosure during a subsequent aeration phase. The apparatus can optionally be configured to provide humidification, if required. The invention therefore comprises means for the distribution of sterilant vapour in the enclosure during a gassing phase of the sterilisation process and means for removing the sterilant from the air in the enclosure during an aeration phase.

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2942/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : DOWNLINK AND UPLINK RESOURCE ELEMENT MAPPING FOR CARRIER EXTENSION

(51) International classification :H04W72/12

(31) Priority Document No :61/252,115

(32) Priority Date :15/10/2009

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

(86) International Application No :PCT/US2010/052967

Filing Date :15/10/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)MONTJOJO Juan

2)CHEN Wanshi

(57) Abstract :

A method an apparatus and a computer program product for wireless communication are provided in which resource elements compatible with multiple different communication protocols which may not be compatible with one another may be mapped to a radio frame. For example in an LTE network equipment configured to be compatible with 3GPP release 8 standards (herein referred to as Rel. 8) may have certain limitations as to what bandwidth is available for use and access while these limitations may not apply to later releases of LTE standards after Rel. 8 (herein referred to as New). Thus a system bandwidth can be extended to include an extension portion to which resource elements compatible with the New protocol may be mapped and a non-extension portion to which resource elements compatible with either Rel. 8 or the New protocol may be mapped providing an effective multiplexing of system resources.

No. of Pages : 50 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2943/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : ENERGY MANAGEMENT FOR WIRELESS DEVICES

(51) International classification :H04L1/00
(31) Priority Document No :12/578,124
(32) Priority Date :13/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/052544
Filing Date :13/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DHANDU Siva Sandeep

2)RIDDLE Christopher C.

3)KUNISETTI Srividya

(57) Abstract :

A method for managing energy usage of a wireless device during a data transfer in a wireless communication network comprises determining a data rate associated with the data transfer determining data processing requirements for processing data at the determined data rate and dynamically adjusting based on the determined requirements one or more data processing parameters corresponding to the data transfer.

No. of Pages : 29 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2976/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : DRAWING CONTROL METHOD, LASER IRRADIATING APPARATUS, DRAWING CONTROL PROGRAM, AND RECORDING MEDIUM HAVING RECORDED THEREWITH

(51) International classification :B41J3/01, B41J2/32
(31) Priority Document No :2009-240398
(32) Priority Date :19/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/068536
Filing Date :14/10/2010
(87) International Publication No :WO 2011/049148
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)ODA, MIYUKI

(57) Abstract :

Drawing control methods, laser irradiating apparatuses, drawing control programs, and recording mediums having recorded therewith are provided that make it possible to efficiently carry out drawing with high quality. The drawing control method controls, by a computer, a drawing device which draws what is to be drawn onto multiple unit regions on a surface of a medium, wherein the computer executes a drawing order determining step which determines a drawing order of a line segment included in the what is to be drawn such that multiple continuing line segments over mutually neighboring multiple unit regions are drawn continuously.

No. of Pages : 68 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2981/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04W16/32, H04W48/12
(31) Priority Document No	:2009-230548
(32) Priority Date	:02/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005625
Filing Date	:15/09/2010
(87) International Publication No	:WO 2011/039960
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MAEDA, MIHO

3)IWANE, YASUSHI

4)KAKEHI, YUJI

5)NAKAZAWA, MASAYUKI

6)SUEMITSU, TAISEI

(57) Abstract :

A mobile communication system hybridly allows, in a case where an access group consisting of one or more user equipments and one or more base stations is registered, the base station included in the access group to have access in a closed mode from the user equipment included in the same access group and access in an open mode from a user equipment that is not included in the same access group, wherein a communication area of the base station in the open mode is identical to a communication area of the base station in the closed mode. This eliminates a communication area in which the base station serving as an access destination differs between the user equipment in the closed mode and the user equipment in the open mode.

No. of Pages : 97 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2998/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : DRUG DELIVERY DEVICE WITH CLEARANCE COMPENSATION MEANS

(51) International classification :A61M5/24,
A61M5/315
(31) Priority Document No :09172506.9
(32) Priority Date :08/10/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/065095
Filing Date :08/10/2010
(87) International Publication No :WO 2011/042538
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)ZEIMETZ, LEO

4)SHAHBAZFAR, REZA

5)SCHEFER, BENJAMIN

6)MOSEBACH, CARSTEN

(57) Abstract :

The present invention relates to a drug delivery device for dispensing of a predefined dose of a medicinal product, comprising: a housing (14), a cartridge holder (16) adapted to receive a cartridge (18) containing the medicinal product to be dispensed, the cartridge holder (16) being connectable to the housing (14), a drive mechanism (12) to be operably engaged with the cartridge (18) for setting and/or dispensing of a predefined dose of the medicinal product, wherein the drive mechanism (12) is axially slidably supported in the housing (14) for compensating axial clearance between the drive mechanism (12) and the cartridge (18) and wherein the drive mechanism (12) is axially fixable relative to the housing (14).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2999/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : META CROSSLINKED BENZYL POLYMERS

(51) International classification	:C08G8/10, C08K3/00
(31) Priority Document No	:61/248,024
(32) Priority Date	:02/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/051045
Filing Date	:01/10/2010
(87) International Publication No	:WO 2011/041628 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

A meta crosslinked polar benzyl polymer is made by combining a transition metal crosslinker, or one or more source compounds capable of reacting to form such a transition metal crosslinker, with a polar benzyl polymer which has been activated for meta crosslinking.

No. of Pages : 44 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2688/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : MEDICAL DEVICE FOR PLACEMENT INTO A LUMEN AND MANUFACTURING METHOD THEREOF

(51) International classification :A61F 2/82
(31) Priority Document No :2009-195350
(32) Priority Date :26/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/064330
Filing Date :25/08/2010
(87) International Publication No :WO 2011/024831
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)BANDO, YOHEI
6)MANABE, MATSUYA

(57) Abstract :

The present invention provides a medical device for placement into a lumen such as a stent and a catheter whose surface is uniformly and sufficiently coated with a drug, and a process thereof with easy way and with low cost. The medical device is coated with mixed particles of drug particles whose surface is modified with positive-charge and biocompatible nanoparticles. In the invention, a drug can be taken into a cell through the dissolution of the drug particle together with the biocompatible nanoparticle after a DES is placed in a biological body.

No. of Pages : 101 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2955/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : CONTENTION-FREE STORAGE DESIGN FOR LTE TURBO DECODER WITH QUADRATIC PERMUTATION POLYNOMIAL INTERLEAVER

(51) International classification :H04L1/00
(31) Priority Document No :12/608,919
(32) Priority Date :29/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/054703
Filing Date :29/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WEI Yongbin

(57) Abstract :

Systems and methodologies are described that facilitate ensuring contention and/or collision free memory within a turbo decoder. A Posteriori Probability (APP) Random Access Memory (RAM) can be segmented or partitioned into two or more files with an interleaving sub-group within each file. This enables parallel operation in a turbo decoder and allows a turbo decoder to access multiple files simultaneously without memory access contention.

No. of Pages : 43 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2956/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR TRANSMITTING DATA IN E1 BIDIRECTIONAL RING NETWORK

(51) International classification :H04L12/42
(31) Priority Document No :201010111539.6
(32) Priority Date :11/02/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/077903
Filing Date :20/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FENG Ruiming

(57) Abstract :

Embodiments of the present invention disclose a method, an apparatus, and a system for transmitting data in an E1 bidirectional ring network. The E1 node includes: an Ethernet transmitting unit connected to a local Ethernet device through an Ethernet branch port, a CPU unit, and an E1 driving unit including a first-direction link port and a second-direction link port; when the CPU unit determines, on the basis of an interaction state of link state detection signaling with a neighboring E1 node, that a transmission link between the E1 node and the neighboring E1 node fails, link failure information is transmitted to a master node through a link port in the first-direction link port and the second-direction link port of the E1 node, where the link port is not a link port that is associated with the failed transmission link and is currently unavailable, so that the master node switches an operation mode of the first-direction link port of the master node from an operation mode where the first-direction link port sends data to an operation mode of both receiving and sending data, and switches an operation mode of the second-direction link port of the master node from an operation mode where the second-direction link port receives data to an operation mode of both receiving and sending data. The embodiments of the present invention can effectively improve the survivability of the E1 bidirectional ring network.

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3014/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : PROFILE MEMBER FOR A SOLAR PANEL FRAME

(51) International classification :F24J2/52, F24J2/46,
H01L31/042
(31) Priority Document No :09/04203
(32) Priority Date :04/09/2009
(33) Name of priority country :France
(86) International Application No :PCT/IB2010/002520
Filing Date :30/08/2010
(87) International Publication No :WO 2011/027226
A2
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SCHUMM-LOCHNER, ANJA

(57) Abstract :

The invention relates to an extruded profile member for a solar panel frame, characterised in that said profile member comprises a cross-section defined by the surfaces (1), (3) and (5) for forming, after being shaped typically by being folded and clamped, a U-shaped cross-section for supporting the panel (6) therein, and produced in a more open manner during the extrusion, such that said cross-section enables the panel (6) to be positioned on one of the surfaces (1), (3) or (5), typically (5), without the panel (6) touching the other surfaces, typically (1) and (3), during said positioning process. The invention also relates to a solar panel frame made from such profile members.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3000/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD FOR CENTERING A PRINT TRACK

(51) International classification :H05K3/12,
H01L31/0224
(31) Priority Document No :UD2009A000150
(32) Priority Date :03/09/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2010/062841
Filing Date :02/09/2010
(87) International Publication No :WO 2011/026880
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)CELLERE, GIORGIO
4)DE SANTI, LUIGI
5)PASQUALIN, GIANFRANO
6)VERCESI, TOMMASO

(57) Abstract :

A method for centering a print track, in which by means of at least a printing station at least a first print track and at least a second print track are deposited on a print substrate according to a determinate orientation, comprises a first step, in which at least a first print track and at least a marker element are deposited on the support in correspondence with a portion of said substrate on which at least a second print track is able to be deposited and a second step, in which at least a second print track is deposited on said substrate, and in which at least a second print track provides at least a centering interruption conformed in a manner coordinated with said marker element, which centering interruption is positioned and centered with respect to said marker element to define the positioning and centering of said second print track with respect to said first print track.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3019/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : CONNECTOR

(51) International classification :H01R 13/436

(31) Priority Document No :2009-229573

(32) Priority Date :01/10/2009

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2010/067699

Filing Date :01/10/2010

(87) International Publication No : NA

(61) Patent of Addition to Application
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Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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3)KAJIKAWA Kenji

(57) Abstract :

To provide a connector in which a lance beak part will not be broken even though a large load is applied by a front holder. A locking lance 41 is provided at its distal end with a lance beak part 43 which is adapted to be caught by a lock releasing jig for releasing lock of the locking lance 41 with respect to a terminal 12 and a locking projection 42 which is continued from the lance beak part 43 and erected from a terminal end of the lance beak part 43. When a projected part 51 is inserted into a deflection space 44 in a state where the locking lance 41 is deflected a lower face 54a of the projected part 51 overrides an upper face 41c of the lance beak part 43 and a distal end of the

No. of Pages : 33 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3028/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/04/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : A MODULE ARRANGEMENT CONSISTING OF SOLAR MODULES

(51) International classification :F24J2/52, F24J2/54
(31) Priority Document No :20 2009 012 226.3
(32) Priority Date :10/09/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/063120
Filing Date :07/09/2010
(87) International Publication No :WO 2011/029824
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)SALZER, WADIM

(57) Abstract :

The invention relates to a module arrangement having the following: at least one or a plurality of double module arrangements each consisting of two solar modules which are oriented at an angle to each other; wherein the edges (3) of each double module arrangement facing away from each other are not interconnected via a support strut.

No. of Pages : 27 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.407/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :17/02/2010

(43) Publication Date : 24/05/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF INTERMEDIATE COMPOUNDS USEFUL FOR THE PREPARATION OF CINACALCET

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :1068/CHE/2009
Filed on :08/05/2009
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DEEKONDA SATHEESH

4)RACHA LENIN

5)UTTAM KUMAR RAY

6)AMINUL ISLAM

7)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :

The present invention provides an improved process for the preparation of 3-[3-(trifluoromethyl)phenyl]-2-propenal(IIIa), and 3-[3-(trifluoromethyl)phenyl]-2-propen-1-ol (IVb), The compounds of Formulae IIIa and IVb are key precursors in the preparation of Calcimimetic agent, Cinacalcet hydrochloride of Formula I.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.641/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : TRANSPARENT LAMINATE FILM AND METHOD FOR PRODUCING SAME

(51) International classification	:G02B5/26	(71)Name of Applicant :
(31) Priority Document No	:2009-195020	1)TOKAI RUBBER INDUSTRIES, LTD.
(32) Priority Date	:26/08/2009	Address of Applicant :1, HIGASHI 3-CHOME, KOMAKI-
(33) Name of priority country	:Japan	SHI, AICHI-485-8550 Japan
(86) International Application No	:PCT/JP2010/064179	(72)Name of Inventor :
Filing Date	:23/08/2010	1)INUDUKA, MASATAKA
(87) International Publication No	:WO 2011/024756	2)TAKEUCHI, TETSUYA
	A1	3)INAGAKI, HIROKI
(61) Patent of Addition to Application	:NA	4)NARASAKI, TETSUJI
Number	:NA	5)NISHITANI, TAJI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A transparent laminate film which has visible light transmittance, sunlight blocking properties, radio wave transmittance and good appearance is provided. A transparent laminate film comprising a laminate structure formed on at least one side of a transparent polymer film, in which a metal oxide layer and a metal layer are laminated, the metal oxide layer containing an organic component, wherein grooves having a width of 30 urn or less are formed in the laminate structure, and an overall surface resistance is 150 / or more. Preferably, the grooves are numerous cracks, or are formed by laser processing. Further, preferably, the transparent polymer film has an easy adhesion layer formed on at least one side thereof, and the laminate structure is formed on top of the easy adhesion layer. Furthermore, preferably, the metal oxide layer containing the organic component is formed by a sol-gel method using optical energy during sol-gel curing.

No. of Pages : 72 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.751/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD FOR HEAT-TREATING A RING-SHAPED MEMBER, METHOD FOR PRODUCING A RING-SHAPED MEMBER, RING-SHAPED MEMBER, BEARING RING, ROLLING BEARING, AND METHOD FOR PRODUCING A BEARING RING

(51) International classification :C21D9/40
(31) Priority Document No :2009-170705
(32) Priority Date :22/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062248
Filing Date :21/07/2010
(87) International Publication No :WO 2011/010664
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NTN CORPORATION
Address of Applicant :3-17, KYOMACHIBORI 1-CHOME,
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(72)Name of Inventor :
1)YUKI, HIROSHI
2)OHKI, CHIKARA
3)YAGITA, KAZUHIRO

(57) Abstract :

Disclosed is a method for heat-treating a ring-shaped member, which makes it possible to form a quench-hardened region having a uniform annular shape in the circumferential direction, while the production costs in terms of the quenching apparatus are kept down. The method includes the following steps: a step in which a coil (21) which is disposed in such a way as to face a rolling contact surface (11) of a ring-shaped moulding (10) made of steel and which performs induction heating of the moulding (10) is rotated relative to the moulding (10) in the circumferential direction thereof, whereby an annular heating region which is heated to a temperature at or above a point A1 is formed on the moulding (10); and a step in which the whole of the heating region is simultaneously cooled to a temperature at or below a point Ms.

No. of Pages : 124 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8928/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD, SYSTEM AND BASE STATION FOR SHARING OR JOINTLY USING ONE OF A GERAN (GSM EDGE RADIO ACCESS NETWORK) MOBILE RADIO ACCESS NETWORK

(51) International classification :H04W16/12
(31) Priority Document No :09008052.4
(32) Priority Date :19/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/003510
Filing Date :11/06/2010
(87) International Publication No :WO 2010/145779
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)DEUTSCHE TELEKOM AG
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53113 BONN Germany
(72)**Name of Inventor :**
1)AXEL KLATT
2)HARALD SCHMITT

(57) Abstract :

The invention relates to a method, a system and a base station for sharing or jointly using one GERAN (GSM EDGE Radio Access Network) mobile radio access network by at least a first mobile radio network operator and a second mobile radio network operator, the method comprising the steps of providing a radio access network for joint use by the at least first and second mobile radio network operators, wherein the radio access network provides at least a first radio frequency channel and a second radio frequency channel, the at least first and second radio frequency channels having each a TDMA frame (Time Division Multiple Access frame) with eight time slots, wherein the first radio frequency channel has at least one first dedicated time slot, the at least one first dedicated time slot being permanently associated to the first mobile radio network operator, wherein the second radio frequency channel has at least one second dedicated time slot, the at least one second dedicated time slot being permanently dedicated to the second mobile radio network operator, and wherein the first and second radio frequency channels respectively have a multitude of shared time slots, the shared time slots being shared between the first and second mobile radio network operator.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8929/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : SYSTEM AND METHODS FOR INTEGRATING SHORT MESSAGE SERVICE MESSAGING WITH CONTACT CENTER APPLICATIONS

(51) International classification	:H04L/12/58	(71)Name of Applicant :
(31) Priority Document No	:12/482,745	1)GENESYS TELECOMMUNICATIONS
(32) Priority Date	:11/06/2009	LABORATORIES, INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :2001 JUNIPERO SERRA
(86) International Application No	:PCT/US2010/037271	BOULEVARD, DALY CITY, CA 94014 U.S.A.
Filing Date	:03/06/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/144299 A1	1)NIKOLAY ANISIMOV
(61) Patent of Addition to Application	:NA	2)YEVGENIY PETROVYKH
Number	:NA	3)SERGEY B. BELOV
Filing Date	:NA	4)MARK SCOTT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for routing short message service (SMS) messages to endpoints in a contact center includes a first node for receiving SMS message streams from multiple sources operating variant protocols and for multiplexing the multiple streams into a single message stream following a universal protocol, a media gateway server connected to the first node for receiving the single message stream and for forwarding individual ones of the messages therein to individual ones of a plurality of connected servers, and a router connected to at least one of the connected servers for routing individual messages represented therein to individual ones of a plurality of network-supported endpoint devices.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8930/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : INTERFERENCE MITIGATION FOR DOWNLINK IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B1/707
(31) Priority Document No :61/184,206
(32) Priority Date :04/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/037533
Filing Date :04/06/2010
(87) International Publication No :WO 2010/141911 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)ALEXEI Y. GOROKHOV
2)AVNEESH AGRAWAL

(57) Abstract :

Techniques for mitigating interference in a wireless communication system are described. In an aspect, pertinent transmission parameters for a served UE may be sent to at least one interfered UE to support interference mitigation. In one design, information for at least one transmission parameter for a data transmission sent by a first cell to a first UE may be transmitted to at least one UE served by a second cell to enable the at least one UE to perform interference mitigation for the data transmission sent by the first cell to the first UE. The information may be transmitted by either the first cell or the second cell. In another aspect, a cell may send transmission parameters for a UE via a pilot. In yet another aspect, scrambling may be performed by a cell at symbol level to enable an interfered UE to distinguish between modulation symbols of desired and interfering transmissions.

No. of Pages : 52 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3015/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : MOBILE TERMINAL DEVICE, CHARGER, AND CHARGING SYSTEM

(51) International classification	:H04M1/00, H04W8/24
(31) Priority Document No	:2009-230323
(32) Priority Date	:02/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065599
Filing Date	:10/09/2010
(87) International Publication No	:WO 2011/040206
	A1
(61) Patent of Addition to Application	
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)NEC CORPORATION

Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO Japan

(72)**Name of Inventor :**

1)OKUYAMA, TOSHIYUKI

(57) Abstract :

A mobile terminal device (101) includes a charger identification information reception unit (103) that receives, from a charger (121) connected to charge a rechargeable battery (102), charger identification information to be used to identify the charger (121), a setting information storage unit (104) that stores setting information associated with the charger identification information, a setting information extraction unit (105) that extracts, from the setting information storage unit (104), the setting information corresponding to the charger identification information received by the charger identification information reception unit (103), and a setting unit (106) that setting, in the mobile terminal device (101), the setting information extracted by the setting information extraction unit (105).

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3021/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : MOBILE RADIO APPARATUS

(51) International classification :H01Q 1/24
(31) Priority Document No :2009-236940
(32) Priority Date :14/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/006097
Filing Date :13/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YUI Tatsunori
2)NAGANO Kenya
3)KOYANAGI Yoshio
4)SATO Noriyoshi

(57) Abstract :

A configuration in which a power feeding structure is simple and an antenna with reduced deterioration of performance is arranged in a mobile radio apparatus with a waterproof structure constructed of a conductive housing is provided. The mobile radio apparatus of the invention includes conductive housings 101 and 102, a circuit board 103 arranged between the conductive housings 101 and 102, a radio circuit 104 arranged on the circuit board 103, a resin 105 such as waterproof rubber packing arranged at a boundary between the conductive housings 101 and 102, a flexible board 106 arranged along a part of the resin 105, a conductor pattern 107 formed on the flexible board 106, a notch 108 formed in the conductive housings 101 and 102 of the periphery of the conductor pattern 107, a liquid crystal screen 109 arranged on the conductive housing 101, operation keys 110, an earpiece 111, and a mouthpiece 112.

No. of Pages : 24 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.894/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : APPLICATION DISPLAY ON A LOCKED DEVICE

(51) International classification :H04W88/02
(31) Priority Document No :12/546,216
(32) Priority Date :24/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/046278
Filing Date :23/08/2010
(87) International Publication No :WO 2011/028458 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SUNDARAMURTHY, PALANI
2)PEEV, IGOR, B.
3)PENGELLY, ROBERT, CHARLES, JOHNSTONE

(57) Abstract :

A user request to display an application while the device is locked is received. In response to this user request, one or more images generated by the application are obtained and displayed while the device is locked. Additionally, an indication of an application to be displayed upon resuming operation from a power-saving mode can be received, and an image generated by the application is displayed in response to resuming operation from the power-saving mode .

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8942/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : AUTOMATIC TRANSMISSION FOR HYBRID VEHICLE

(51) International classification :B60W 10/02
(31) Priority Document No :2009-138930
(32) Priority Date :10/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/055220
Filing Date :25/03/2010
(87) International Publication No :WO 2010/143463
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)SAKAI, ATSUHIRO
2)ABE, NORIYUKI
3)NAGAHAMA, TERUO
4)KUMAGAI, NOBUHIRO

(57) Abstract :

An automatic transmission for a hybrid vehicle provides an improved capability of following an operation by a driver and higher fuel efficiency. An automatic transmission 1 has a first clutch C1 capable of connecting a first drive gear shaft 4, which rotatably supports drive gears G3a and G5a, to an input shaft 2, a second clutch C2 capable of connecting a second drive gear shaft 5, which rotatably supports drive gears G2a and G4a, to the input shaft, a first meshing mechanism capable of connecting the drive gears G3a and G5a to the first drive gear shaft 4, a second meshing mechanism capable of connecting the drive gears G2a and G4a to the second drive gear shaft 5, a brake B1 capable of fixing a third element Ra of a planetary gear mechanism PG to a transmission case 7, and a switching mechanism 8 capable of switching to a state in which an electric motor MG is connected to a first element Sa or a state in which the electric motor MG is connected to the third element Ra. The first element Sa and the first drive gear shaft 4 are connected whereas a second element Ca and the drive gear G3a are connected.

No. of Pages : 37 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8943/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : SECURE DOCUMENT COMPRISING LUMINESCENT CHELATES•

(51) International classification :C09D 11/00
(31) Priority Document No :PCT/IB2009/005572
(32) Priority Date :12/05/2009
(33) Name of priority country :PCT
(86) International Application No :PCT/EP2010/056350
Filing Date :10/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)TILLER Thomas
3)REINHARD Christine
4)RASCAGN`RES Stephanie

(57) Abstract :

Aqueous thermal inkjet ink composition for the printing of security documents comprising at least one luminescent water-soluble lanthanide complex.

No. of Pages : 20 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8944/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD FOR PREPARING POLYPHENOL EXTRACTS FROM SPINACH LEAVES

(51) International classification :A61K 36/21

(31) Priority Document No :0952947

(32) Priority Date :04/05/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/050848

Filing Date :04/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

1)ABSTRACT

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(72)**Name of Inventor :**

1)DUVAL Charles

(57) Abstract :

The present invention relates to a method for preparing a concentrated spinach extract in liquid or dry form having a polyphenol titre equal to or greater than or equal 50 % including a step of purifying a raw spinach extract in liquid form using a liquid-liquid extraction technique with a food oil

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8945/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : MEDICATED MODULE WITH PREMIX MEDICAMENT

(51) International classification :A61M 5/24
(31) Priority Document No :61/183, 463
(32) Priority Date :02/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/057576
Filing Date :01/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HEALD Michael James David
2)SMITH Christopher James

(57) Abstract :

A medicated module (4) for an injection system to co-deliver at least two medicaments (1 2) is disclosed where a primary delivery device (7) contains a first drug agent and accepts a medicated module (4) containing a single dose of a secondary premix medicament (2) containing the first drug agent and at least a second drug agent where both the primary medicament (1) and the secondary premix medicament (2) are delivered through a single hollow needle (3 16 21 31).

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8946/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : STOPPER ROD POSITIONING AND CONTROL APPARATUS FOR CONTROL OF MOLTEN METAL FLOW THROUGH A NOZZLE•

(51) International classification :B22D 37/00
(31) Priority Document No :61/176,922
(32) Priority Date :10/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/034243
Filing Date :10/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PAIVA Marcelo Albano
2)VETTER Dale William
3)PFLUG William Robert

(57) Abstract :

A stopper rod positioning and control apparatus is provided for controlling the flow of a molten metal out of a bottom nozzle in a metal reservoir. The stopper rod can be aligned with the nozzle's opening by selectively rotating a pair of roller (ring) bearings that are centerline offset from each other along a first axis around which one end of an extended structural arm can pivot where the opposing end of the arm retains the stopper rod along a second axis parallel to the first axis. When the appropriate relative positions of the pair of roller bearings are located for a nozzle-centered stopper rod, the second axial position of the stopper rod is fixed by retaining the appropriate relative positions with a brake mechanism. In a dual nozzle bottom pour reservoir of molten metal a separate stopper rod positioning and control apparatus is provided for each of the two nozzles while a dual nozzle assembly may be utilized to facilitate replacement of a worn nozzle or alter the distances between the centers of the two nozzles.

No. of Pages : 40 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8948/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD FOR GENERATING WIDGET ICON&NBSP; CLIENT DEVICE&NBSP; AND WIDGET ENGINE

(51) International classification	:G06F 9/44
(31) Priority Document No	:200910108610.2
(32) Priority Date	:01/07/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/070019
Filing Date	:05/01/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)QIU Zhihong
2)FU Haifang
3)JIN Hongbo
4)ZHANG Jie

(57) Abstract :

A method for generating a widget icon is disclosed. The method includes: obtaining a widget summary information file; parsing the widget summary information file, and executing the parsed widget summary information file; and generating a widget icon according to the executed widget summary information file. A method for generating a widget summary information file and a widget engine are also provided, thus reducing the occupancy of system resources.

No. of Pages : 35 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8949/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND DEVICES FOR FEMTOCELL ACCESS CONTROL

(51) International classification :H04W 12/08
(31) Priority Document No :61/185,139
(32) Priority Date :08/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/037833
Filing Date :08/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)CHERIAN George

5)SUNDARRAMAN Chandrasekhar Therazhandur

6)MAO Yinian

7)RAUBER Peter H.

(57) Abstract :

Access by a mobile station to a femto access point (FAP) of a wireless communication system is controlled by an enforcement point in response to mobile station authorization data provided from a storage point that is remote from the FAP. The authorization data is provided in response to FAP authentication data. The authentication data may include a FAP identifier and a message authenticator that the FAP generates by hashing shared secret information. The storage point may provide the authorization data in response to determining that the message authenticator is a hash of the shared secret information.

No. of Pages : 57 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8933/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : BOBBIN•

(51) International classification :B65H 49/38
(31) Priority Document No :10-2009-0049697
(32) Priority Date :05/06/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/003574
Filing Date :03/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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830 Republic of Korea
2)SEONG Hyun-Guk
(72)**Name of Inventor :**
1)SEONG Hyun-Soo
2)SEONG Hyun-Guk

(57) Abstract :

The present invention relates to a bobbin and the object is to provide a bobbin with a rolling prevention means for supporting the bobbin to prevent the bobbin from rolling on a surface. In order to achieve this object a bobbin according to the present invention comprises a cylindrical section (111) where a wire is wound plate-shaped blades (112a 112b) formed on the right and left sides of the cylindrical section with a diameter larger than that of the cylindrical section a through-hole (113) formed to pass through the center of the cylindrical section and the centers of the right and left blades a -shaped handle (120) having a pair

No. of Pages : 20 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8934/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : POLYMER COMPOSITION FOR CROSSLINKED ARTICLES•

(51) International classification :C08L 23/08

(31) Priority Document No :09161092.3

(32) Priority Date :26/05/2009

(33) Name of priority country :EPO

(86) International Application :PCT/EP2010/056939

No Filing Date :20/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BOREALIS AG

Address of Applicant :Wagramer Strasse 17-19 A-1220
Vienna, Austria

(72)Name of Inventor :

1)EK Carl-Gustaf

2)PALML-F Magnus

3)PRADES Florian

(57) Abstract :

The invention is directed to a use of a polymer composition comprising an ethylene polymer for producing a crosslinked article a process for producing a crosslinked article and to a crosslinked article comprising a crosslinked polymer composition which comprises a crosslinked ethylene polymer.

No. of Pages : 52 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8935/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND DEVICE FOR PROCESSING SWITCHING CONTROL COMMAND

(51) International classification	:H04L12/24	(71) Name of Applicant :
(31) Priority Document No	:200910142156.2	1)ZTE CORPORATION
(32) Priority Date	:01/06/2009	Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH,
(33) Name of priority country	:China	HI-TECH INDUSTRIAL PARK, NANSHAN
(86) International Application No	:PCT/CN2010/072856	SHENZHEN,GUANGDONG 518057 China
Filing Date	:17/05/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/139235 A1	1)QING WU
(61) Patent of Addition to Application	:NA	2)XIUGUO WANG
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method for processing a switch control command for solving the problem that consistency of data of the network device and the network management is unable to be kept in the process of processing the switch control command in the prior art. This method includes: when a priority of obtained trigger information is higher than a priority of a switch control command, discarding the switch control command (103); and reporting the discarded switch control command to a control system which manages the network device (104). The present invention further provides an device for processing a switch control command.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8936/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : FRAME STRUCTURE AND CONFIGURATION METHOD, COMMUNICATION METHOD THEREOF

(51) International classification	:H04L27/26	(71)Name of Applicant :
(31) Priority Document No	:200910147064.3	1)ZTE CORPORATION
(32) Priority Date	:01/06/2009	Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH,
(33) Name of priority country	:China	HI-TECH INDUSTRIAL PARK, NANSHAN SHENZHEN,
(86) International Application No	:PCT/CN2009/074864	GUANGDONG 518057 China
Filing Date	:09/11/2009	(72)Name of Inventor :
(87) International Publication No	:WO 2010/139155 A1	1)YANFENG GUAN
(61) Patent of Addition to Application		2)HUIYING FANG
Number	:NA	3)CHANGYIN SUN
Filing Date	:NA	4)YING LIU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A frame structure and configuration method and communication method thereof are provided in the present invention, which achieves a new frame structure of which the Cyclic prefix (CP) is 1/4 of an OFDM symbol, and compared with the prior art, the frame structure can achieve alignment with other frame structures with different CPs, thereby avoiding uplink/downlink interference.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.896/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : WHEEL DRIVE CONTROL DEVICE, WHEEL DRIVE CONTROL METHOD, AND PROGRAM THEREOF

(51) International classification	:B66C13/22	(71)Name of Applicant :
(31) Priority Document No	:JP2009-262902	1)MITSUBISHI HEAVY INDUSTRIES, LTD.
(32) Priority Date	:18/11/2009	Address of Applicant :16-5, KONAN 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO 1088215 Japan
(86) International Application No	:PCT/JP2010/070542	(72)Name of Inventor :
Filing Date	:18/11/2010	1)KOJI UCHIDA
(87) International Publication No	:WO 2011/062212	2)TOSHIYUKI KUSANO
	A1	3)NOBUO YOSHIOKA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The wheel drive control device is a wheel drive control device that performs drive control on a wheel of a crane device that moves while supporting a hoisting unit. The wheel drive control device includes: a load detector configured to detect load of a cargo hoisted by the hoisting unit; and a torque limit value determining unit configured to increase, according to the load of the cargo, a limit value of torque at the time of acceleration of the crane device up to the maximum limit value of the torque, and determine a limit value of the torque associated with the load.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8963/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : CONTROL AND DATA SIGNALING IN HETEROGENEOUS WIRELESS COMMUNICATION NETWORKS

(51) International classification :H04L5/00
(31) Priority Document No :61/220556
(32) Priority Date :25/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/037679
Filing Date :08/06/2010
(87) International Publication No :WO 2010/151424 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MOTOROLA MOBILITY INC.
Address of Applicant :600 NORTH US HIGHWAY 45,
LIBERTYVILLE, IL 60048 U.S.A.
(72)**Name of Inventor :**
1)NORY, RAVIKIRAN
2)KUCHIBHOTLA, RAVI
3)LIU, JIALING
4)LOVE, ROBERT T.
5)NIMBALKAEER, AJIT
6)STEWART, KENNETH A.

(57) Abstract :

A method in a wireless communication device including receiving control signaling from a base station in a control region of a downlink carrier spanning a first bandwidth, receiving a signaling message from the base station indicating a second bandwidth, receiving a first control message within the control region using a first Downlink Control Information (DCI) format size, the first DCI format size based on the first bandwidth, and receiving a second control message within the control region using a second DCI format size, the second DCI format size based on the second bandwidth, wherein the second bandwidth is distinct from the first bandwidth and the first and second control messages indicate downlink resource assignments for the downlink carrier.

No. of Pages : 38 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8950/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHODS AND APPARATUS FOR USE IN FACILITATING THE COMMUNICATION OF NEIGHBORING NETWORK INFORMATION TO A MOBILE TERMINAL WITH USE OF A RADIUS COMPATIBLE PROTOCOL

(51) International classification :H04W 48/14

(31) Priority Document No :61/184,116

(32) Priority Date :04/06/2009

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

(86) International Application No :PCT/CA2010/000824

Filing Date :04/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)Research In Motion Limited

Address of Applicant :295 Phillip Street Waterloo Ontario
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(72)Name of Inventor :

1)MONTEMURRO Michael Peter

(57) Abstract :

A disclosed example method for requesting neighboring network information from a device involves encoding a request for neighboring network information and sending the request to an authentication server to obtain the neighboring network information. The example method also involves receiving a response to the request retrieving the neighboring network information contained in the response and decoding the neighboring network information. The decoded neighboring network information is stored.

No. of Pages : 49 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8952/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : DUAL SIM MOBILE TERMINAL AND OPERATING METHOD THEREOF

(51) International classification :H04W 88/06
(31) Priority Document No :10-2009-0050116
(32) Priority Date :05/06/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/003105
Filing Date :17/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YUNHWAN KANG
2)WOOHYUN BAIK
3)WOOYOUNG KWAK
4)SUNGKYU LEE

(57) Abstract :

Disclosed herein is a dual SIM terminal and an operating method thereof for supporting dual standby and single talk using a single baseband. The dual SIM mobile terminal may include a controller which is a single chipset a dual SIM and two radio frequency (RF) units thereby having an effect capable of providing a service at the same level as a dual SIM using two mobile terminals even with one mobile terminal. Furthermore dual SIM switching is performed according to a state of the network a pricing system and a users setting thereby providing the users desired service.

No. of Pages : 71 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8989/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : DEVICE FOR PRODUCING CLOSURES

(51) International classification :B29C 45/00

(31) Priority Document No :00718/09

(32) Priority Date :07/05/2009

(33) Name of priority country :Switzerland

(86) International Application No :PCT/EP2010/056082

Filing Date :05/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)FOBOHA GmbH FORMENBAU

Address of Applicant :Im M⁴hlegr¹4n 8 77716 Haslach
Germany

(72)Name of Inventor :

1)ARMBRUSTER Rainer

(57) Abstract :

The invention relates to a device (1) for producing hinged closures out of plastic. The device (1) has a prismatic central block (3) which can be rotated about a rotational axis (2) said block being arranged between a first and a second molding plate (4 5). The first and the second molding plates (4 5) are movable in relation to the central block (3) in a first direction and in a closed position form a plurality of cavities in the area of a first and a second parting plane. The device has a handling system (14) used to remove and transport the hinged closures onto a capping device (16) in accordance with their layout.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8990/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : SANIT,,RY OBJECTS

(51) International classification	:C23C 14/14
(31) Priority Document No	:10 2009 020 500.4
(32) Priority Date	:08/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002803
Filing Date	:07/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)GROHE AG

Address of Applicant :Industriepark Edelburg 58675

Hemer Germany

(72)**Name of Inventor :**

1)THOMAS Karl

(57) Abstract :

It is provided in a sanitary object having a decorative surface which comprises substantially a body (1) consisting of plastic or metal and an at least partial outer coating that at least one metal layer (4) consisting of a combination of at least two elements selected from the following group: aluminum chromium zinc silver titanium and zirconium is arranged as a coating.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8991/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : CORONA IGNITION WITH SELF-TUNING POWER AMPLIFIER

(51) International classification :F02P 23/04

(31) Priority Document No :61/176,614

(32) Priority Date :08/05/2009

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

(86) International Application No :PCT/US2010/034231

Filing Date :10/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

1)FEDERAL-MOGUL IGNITION COMPANY

Address of Applicant :26555 Northwestern Highway
Southfield MI 48033 UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)PERMUY Alfred

2)HAMPTON Keith

(57) Abstract :

A power amplifier circuit that has an inductor and capacitor connected to one end of the output winding of an RF transformer. The other end of the output winding is connected to a resistor that in turn is connected to ground. The transformer has two primary windings. Both primary windings have one end connected to a variable DC voltage supply. The other end of each primary winding is attached to a switch such as a MOSFET. All three windings are wound around a core. Current flowing from the DC voltage supply to the switches causes a magnetic flux in the core. A voltage is generated on the secondary winding resistor. This voltage is fed back to the switches controlling on and off timing in this way the need to measure and record natural frequency is eliminated

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8965/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : PHASE VARYING DEVICE FOR ENGINE

(51) International classification :F01L 1/34
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2009/060327
Filing Date :05/06/2009
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NITTAN VALVE CO., LTD.
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KANAGAWA 2570031 Japan
(72)**Name of Inventor :**
1)KAMEDA MICHIIHIRO
2)NAGADO MASAYASU
3)ISHIHARA NAOYA

(57) Abstract :

To provide a simpler, axially shorter, and easy-to-manufacture phase varying apparatus for an automobile engine, utilizes a four-link mechanism consisting of multiple circular members. MEANS FOR ACHIEVING THE OBJECT An inventive phase varying apparatus has: a camshaft; drive rotor driven by the crankshaft; a first and a second torque means for rotating a first and a second control rotors, all aligned coaxially and rotatable relative to each other; and a phase angle varying mechanism operably coupled to the first and second torque means, so as to varying the relative phase angle between the camshaft and the crankshaft. The phase angle varying mechanism comprises: a circular eccentric cam integral with the camshaft; a first and a second link each having a shape of a substantially cylindrical form; and a quasi-radial guide mechanism and displacement forcing means collaborating with each other for displacing either one of the first and second links in a quasi-radial direction of the rotor.

No. of Pages : 54 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8969/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : NOTIFICATION OF CHARGING RATE ADJUSTEMENTS IN REGIONS OF A MOBILE NETWORK TO CONTROL BANDWIDTH IN THE REGIONS

(51) International classification :H04L12/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2009/045862
Filing Date :01/06/2009
(87) International Publication No :WO 2010/141009 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)ALCATEL LUCENT
Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France
2)LUCENT TECHNOLOGIES INVESTMENT CO., LTD.
(72)**Name of Inventor :**
1)YIGANG CAI
2)XIANGYANG LI

(57) Abstract :

Systems and methods are disclosed that notify end users of mobile devices of charging rate adjustments within a mobile network. A rate notification system receives bandwidth usage data for the mobile network, and identifies a region within the mobile network having a bandwidth usage that exceeds a threshold. The bandwidth usage is processed per media type (i.e., voice calls, text messages, etc) based on the bandwidth usage data. The rate notification system then identifies a mobile device located within the region, and identifies one or more contacts of the end user of the mobile device. The rate notification system then identifies an adjusted charging rate per contact per media type for this end user, and provides the adjusted charging rates to the end user of the mobile device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9000/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : LIQUID CRYSTAL DISPLAY APPARATUS•

(51) International classification	:G06F 9/445	(71)Name of Applicant :
(31) Priority Document No	:2009-157778	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:02/07/2009	Address of Applicant :22-22 Nagaike-cho Abeno-ku
(33) Name of priority country	:Japan	Osaka-shi Osaka 545-8522 Japan
(86) International Application No	:PCT/JP2010/053634	(72)Name of Inventor :
Filing Date	:05/03/2010	1)Tetsuya HAMADA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a liquid crystal display apparatus (1) comprising: a liquid crystal panel (2); an illuminating device (3) for irradiating the liquid crystal panel (2) with illumination light; and an outer casing for accommodating the liquid crystal panel (2) and the illuminating device (3) the outer casing includes a bezel (4) provided on the liquid crystal panel (2) side and a frame (frame member) (5) configured so as to be contained within the bezel (4) and having side walls (5b) to which a mounting board (9) on which light-emitting diodes (8) are mounted is attached. A protruding portion (thermally conductive portion) (14) for transferring heat generated by the light-emitting diodes (8) from the frame (5) side to the bezel (4) side is provided between the side surface (4b) of the bezel (4) and the side wall (5b) of the frame (5).

No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9001/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : VEHICLE CHASSIS&NBSP; VEHICLE BODY AND VEHICLE SUSPENSION•

(51) International classification :B62D 21/04

(31) Priority Document No :0907880.9

(32) Priority Date :07/05/2009

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

(86) International Application No :PCT/GB2010/000907

Filing Date :06/0 /2010

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)JACOB-LLOYD Roland

(57) Abstract :

A vehicle chassis (11) in the form of a trough is V shaped and encloses the vehicle driveline and is resistant to ballistic and blast damage. The chassis has a removable body (21) attached by longitudinal pivot pins. A torsion bar suspension is pivoted on the axis of the torsion bar (54).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9002/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : VOICE SERVICE IN EVOLVED PACKET SYSTEM

(51) International classification :H04W 48/18

(31) Priority Document No :61/183,933

(32) Priority Date :03/06/2009

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

(86) International Application No :PCT/US2010/037336

Filing Date :03/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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N2L 3W8 Canada.

(72)Name of Inventor :

1)BURBIDGE Richard Charles

2)FACCIN Stefano

3)CHIN Chen-Ho

4)DWYER Johanna Lisa

(57) Abstract :

Methods and apparatus to manage voice service in evolved packet systems are disclosed. An example method in a user equipment (UE) with a first indicator related to voice services in an Evolved Packet System (EPS) comprises receiving a Non Access Stratum (NAS) protocol response message with a second indicator and responsive to at least one of the first indicator or the second indicator sending a notification that voice services are not currently able to be provided.

No. of Pages : 67 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9003/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : ILLUMINATION DEVICES AND METHODS OF FABRICATION THEREOF

(51) International classification :G02B 6/00

(31) Priority Document No :61/182,594

(32) Priority Date :29/05/2009

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

(86) International Application No :PCT/US2010/036477

Filing Date :27/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BITA Ion

2)PATEL Sapna

3)CHAN Clayton Ka Tsun

4)GANTI Suryaprakash

5)ARBUCKLE Brian W.

(57) Abstract :

Illumination devices and methods of making same are disclosed. In one embodiment a display device includes a light modulating array and a light guide (2901c) configured to receive light into at least one edge of the light guide. The display device also includes a light turning layer disposed such that the light guide is at least partially between the turning layer and the array. The turning layer comprises at least one light turning feature (2920c) having at least one curved turning surface (2921c).

No. of Pages : 119 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9004/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : ILLUMINATION DEVICES FOR REFLECTIVE DISPLAYS

(51) International classification :G02B 6/00

(31) Priority Document No :61/182,665

(32) Priority Date :29/05/2009

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

(86) International Application No :PCT/US2010/036472

Filing Date :27/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM MEMS Technologies Inc.

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(72)Name of Inventor :

1)BITA Ion

2)GRUHLKE Russell Wayne

3)XU Gang

4)NARAYANAN Kollengode S.

(57) Abstract :

Illumination device and methods of making the same are disclosed. In one embodiment an illumination device includes a light source a light guide having a first planar surface a first end and a second end and a length therebetween the light guide positioned to receive light from the light source into the light guide first end and the light guide configured such that light from the light source provided into the first end of the light guide propagates towards the second end a plurality of light turning features that are configured to reflect light propagating towards the second end of the light guide out of the planar first surface and one or more light redirection features configured to redirect light within the light guide at more useful angles.

No. of Pages : 67 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9005/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : VOICE SERVICE IN EVOLVED PACKET SYSTEM

(51) International classification :H04W 48/18

(31) Priority Document No :61/183,935

(32) Priority Date :03/06/2009

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

(86) International Application No :PCT/US2010/037337

Filing Date :03/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

1)Research In Motion Limited

Address of Applicant :295 Phillip Street Waterloo Ontario
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(72)**Name of Inventor :**

1)BURBIDGE Richard Charles

2)FACCIN Stefano

3)CHIN Chen-Ho

4)DWYER Johanna Lisa

(57) Abstract :

Methods and apparatus to manage voice service in evolved packet systems are disclosed. An example method in a User Equipment (UE) with a first indicator related to voice services in an Evolved Packet System (EPS) comprises receiving a Non Access Stratum (NAS) protocol response message with a second indicator and responsive to at least one of the first indicator or the second indicator determining availability of voice services over IP Multimedia Subsystem (IMS) in at least one of long term evolution (LTE) or global system for mobile communications edge radio access network (GERAN)/universal mobile telecommunications system terrestrial radio access network(UTRAN).

No. of Pages : 66 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9006/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : VOICE SERVICE IN EVOLVED PACKET SYSTEM

(51) International classification :H04W 48/18

(31) Priority Document No :61/183,937

(32) Priority Date :03/06/2009

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

(86) International Application No :PCT/US2010/037339

Filing Date :03/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)Research In Motion Limited

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(72)Name of Inventor :

1)BURBIDGE Richard Charles

2)FACCIN Stefano

3)CHIN Chen-Ho

4)DWYER Johanna Lisa

(57) Abstract :

Methods and apparatus to manage voice service in evolved packet systems are disclosed. An example in a UE with a first indicator related to voice services in an Evolved Packet System (EPS) includes receiving a first Non Access Stratum (NAS) protocol response message with a second indicator and responsive to at least one of the first indicator or the second indicator cause the UE to select to another radio access technology (RAT).

No. of Pages : 66 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9007/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : ACTIVATED CARBON CLOTH-SUPPORTED BIMETALLIC PD-CU CATALYSTS FOR NITRATE REMOVAL FROM WATER

(51) International classification :B01J 21/18

(31) Priority Document No :61/175537

(32) Priority Date :05/05/2009

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

(86) International Application No :PCT/IL2010/000360

Filing Date :04/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)Technion Research & Development Foundation Ltd.

Address of Applicant :Senate House Technion City 32000
Haifa Israel

(72)Name of Inventor :

1)SHEINTUCH Moshe

2)MATATOV-MEYTAL Uri

(57) Abstract :

An activated carbon cloth-supported bimetallic Pd-Cu nanocatalyst is disclosed comprising about 1wt% Pd and about 0.35-0.45wt% Cu and having a surface Cu/Pd metal ratio of about 8-10 m²/m². The nanocatalyst is capable of removing nitrate and/or nitrite from wastewater with a high selectivity to nitrogen

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9008/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD FOR RECOVERING WATER AND METAL FROM PLATING RINSE WASTEWATER•

(51) International classification	:C02F 9/00	(71)Name of Applicant :
(31) Priority Document No	:2009-140335	1)KURITA WATER INDUSTRIES LTD.
(32) Priority Date	:11/06/2009	Address of Applicant :4-7 Nishishinjuku 3-Chome
(33) Name of priority country	:Ja an	Shinjuku-ku Tokyo Japan
(6) International Application No	:PCT/JP2010/059680	2)NIPPON STEEL CORPORATION
Filing Date	:08/06/2010	(72)Name of Inventor :
(87) International Publication No	: NA	1)Ichiro SUMIDA
(61) Patent of Addition to Application Number	:NA	2)Yuichi MURAMATU
Filing Date	:NA	3)Takayuki SHINOZAKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Water and metal are recovered from plating rinse wastewater. A method for recovering water and metal from plating rinse wastewater includes an ironinsolubilizing step of oxidizing ferrous ions in the plating rinse wastewater into ferric ions and precipitating an iron hydroxide by adjusting the pH of the plating rinse wastewater to 3 to 6 in the presence of an oxidizing agent; a solid-liquid separation step of subjecting water treated in the iron-insolubilizing step to solidliquid separation using a microfiltration membrane, an ultrafiltration membrane, or a filter; a reverse osmosis membrane separation step of treating separated water separated in the solidliquid separation step with a reverse osmosis membrane to take permeated water outside in the form of treated water; and a crystallization step of adding an alkali to concentrated water from the reverse osmosis membrane separation step to precipitate metal in the concentrated water in the form of a carbonate by a crystallization method using acid-insoluble particles as seed crystals.

No. of Pages : 33 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.901/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : WORKFLOW PROCESSING PROGRAM, INFORMATION PROCESSING DEVICE AND WORKFLOW PROCESSING METHOD

(51) International classification :G06Q10/00
(31) Priority Document No :2009-154378
(32) Priority Date :29/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/061078
Filing Date :29/06/2010
(87) International Publication No :WO 2011/001989
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOKUYAMA, MASA AKI
Address of Applicant :9TH FLOOR, 28-9, SENDAGI 3-
CHOME, BUNKYO-KU, TOKYO-113-0022 Japan
(72)**Name of Inventor :**
1)TOKUYAMA, MASA AKI

(57) Abstract :

A hook section (210) hooks the fact that an information communication function (100) has communicated textual information. When the hook section (210) hooks communication of textual information, a keyword extraction section (240) reads the textual information that has been communicated, and extracts a keyword or keywords stored in a keyword storage section (220) from the textual information that has been read. From the keyword(s) extracted by the keyword extraction section (240), a commitment creation section (250) creates new commitment information representing a commitment that is newly registered by a commitment management function (300), or revised commitment information representing revision of a commitment that has already been registered. A commitment updating section (260) compares the commitments managed by the commitment management function (300) with the commitment information that has been compiled, and inputs the comparison result to the commitment management function (300).

No. of Pages : 63 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9019/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : SYNCHRONOUS DIGITAL HIERARCHY (SDH) NETWORK MANAGEMENT METHOD AND CLIENT

(51) International classification :H04L12/24
(31) Priority Document No :200910203280.5
(32) Priority Date :04/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073558
Filing Date :04/06/2010
(87) International Publication No :WO 2010/139283 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)ZTE CORPORATION
Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH,
HI-TECH, INDUSTRIAL PARK, NANSHAN SHENZHEN,
GUANGDONG 518 057 China
(72)**Name of Inventor :**
1)LONG CHENG

(57) Abstract :

The invention provides a method for synchronous digital hierarchy network management, comprising the following steps of: when receiving a protection group creation request initiated by a user, a network management client providing a creation guide for the user to set related parameters of a protection group, and issuing to a server a protection group creation command which carries the above parameters after learning completion of setting; the server sending a protection group creation broadcasting notification carrying an ID of the protection group to all clients that have subscribed to the service; the client issuing a query command to the server according to the ID of the protection group analyzed out from the above broadcasting notification; the server sending the related parameters corresponding to the protection group to the client; the client exhibiting the related parameters on one interface; then issuing a query command once again to query the server for switching states and maintenance states of all protection relations of the protection group , and exhibiting them on the interface. The invention also provides a corresponding client. The invention is beneficial for a worker to locate problem rapidly on the same interface, thus improving work efficiency.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.902/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING MOBILE DEVICE INTEROPERABILITY

(51) International classification :G09G 5/393

(31) Priority Document No :61/221,845

(32) Priority Date :30/06/2009

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

(86) International Application No :PCT/IB2010/001594

Filing Date :30/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
Finland

(72)Name of Inventor :

1)Raja Bose

2)Jorg Brakensiek

3)Keun-Young Park

(57) Abstract :

An apparatus for providing mobile device interoperability with other devices may include at least one processor and at least one memory including computer program code. The at least one memory and the computer program code may be configured, with the processor, to cause the apparatus to perform at least receiving a frame buffer update request from a remote environment, determining a scan interval defining a first portion of the frame buffer over which scanning to determine data changes is to occur and a second portion over which scanning to determine data changes is not to occur, identifying whether a data change occurs in the first portion of the frame buffer by comparing relatively newer data to relatively older data, and updating a selected portion of the frame buffer to the remote environment based on the identifying. A corresponding method and computer program product are also provided.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9020/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : COOLED ELECTRONIC SYSTEM

(51) International classification :H05K 7/20

(31) Priority Document No :0908156.3

(32) Priority Date :12/05/2009

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

(86) International Application No :PCT/GB2010/000950

Filing Date :12/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ICEOTOPE LIMITED

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(72)Name of Inventor :

1)Daniel CHESTER

2)Peter HOPTON

3)Jason BENT

4)Keith DEAKIN

(57) Abstract :

A sealable module cooled electronic system and method are described relating to cooling a heat generating electronic device. The sealable module is adapted to be filled with a first cooling liquid and a heat transfer device having a conduction surface defines a channel for receiving a second cooling liquid. In one embodiment at least a portion of the conduction surface or housing is shaped in conformity with the shape of the electronic component. Control of the second cooling liquid is also described. Transferring heat between the second cooling liquid and a third cooling liquid features in embodiments. A method of filling a container with a cooling liquid is further detailed.

No. of Pages : 90 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9024/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : LIQUID PUMP

(51) International classification	:B67D5/40
(31) Priority Document No	:61/183,719
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037194
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/141676 A8
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MAGIC TAP, LLC

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CLEVELAND, OHIO-44115 U.S.A.

(72)**Name of Inventor :**

1)TAYLOR, CURTIS

(57) Abstract :

A liquid pump creates a fountain type of dispenser for a container. The liquid pump includes a top portion, an elongated body and a bottom portion. The bottom portion at least partially includes an electric motor that is designed to draw fluid into the bottom portion when the electric motor is activated. The bottom portion is fluidly connected to the elongated body and the elongated body is fluidly connected to the top portion such that fluid that is drawn into the bottom portion is designed to flow out of the bottom portion and into the elongated body and then out of the elongated body and into the top portion.

No. of Pages : 38 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9027/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : SELECTIVE FIRST DELIVERY ATTEMPT (FDA) PROCESSING FOR TEXT MESSAGES

(51) International classification :H04W4/12
(31) Priority Document No :12/484,672
(32) Priority Date :15/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/037673
Filing Date :08/06/2010
(87) International Publication No :WO 2010/147787 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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75007 PARIS France
(72)**Name of Inventor :**
1)YIGANG CAI
2)SUZANN HUA

(57) Abstract :

Systems and methods are disclosed for selectively applying First Delivery Attempt, FDA, processing for text messages. A text message system (124) in one embodiment includes a rules database (136) that stores rules defining which text messages are authorized to be delivered using FDA processing. The text message system (124) further includes a message processor (134) that initially receives a text message, and determines whether to selectively apply FDA processing for a time period due to an occurrence of a triggering event. If selective FDA processing applies, then the message processor (134) processes the rules in the rules database (136) to determine whether the text message is authorized for FDA processing during the time period of selective FDA processing. If authorized, then the message processor (134) forwards the text message to an FDA system (132) for FDA processing. If not authorized, then the message processor (134) forwards the text message to a store-and-forward system (122) for store-and-forward processing.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.903/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : AUDIO-CONTROLLED IMAGE CAPTURING

(51) International classification :G03B 31/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/FI2009/050597

Filing Date :30/06/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)**Name of Inventor :**

1)Pasi Ojala

2)Radu Bilcu

(57) Abstract :

A method comprising: receiving a plurality of images corresponding to a time period covering the intended moment for releasing the shutter; receiving an audio signal associated with the plurality of images using audio capturing means; analyzing the received audio signal in order to determine an auditory event associated with a desired output image; and selecting at least one of the plurality of images on the basis of the analysis of the received audio signal for further processing in order to obtain the desired output image.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.904/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : ANTIMICROBIAL/PRESERVATIVE COMPOSITIONS COMPRISING BOTANICALS•

(51) International classification :A01N 65/00
(31) Priority Document No :61/221,991
(32) Priority Date :30/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040667
Filing Date :30/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MODAK Shanta
2)BAIJU Nayana
3)CARAOS Lauserpina
4)RAMACHANDRAN Hari Krishnan

(57) Abstract :

The present invention relates to a preservative or antimicrobial compositions which comprise low concentrations of botanical extracts in synergistic combinations with alkanediols in a solvent system optionally with fruit acids. Additionally the present invention relates to a preservative or antimicrobial compositions which comprise a silver compound an essential oil or individual constituent one or more zinc salts and one or more alkanediol. The compositions of the invention may be used in personal care products including wound care products or in veterinary use. Preferably the compositions of the invention have little or no human-detectable fragrance.

No. of Pages : 134 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9043/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : SPECTROPHOTOMETER

(51) International classification :G01J 3/02
(31) Priority Document No :0908027.6
(32) Priority Date :08/05/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/050737
Filing Date :05/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**

1)ZINIR LTD

Address of Applicant :The Coachmakers Business Centre
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(72)**Name of Inventor :**

1)Stephen John SWEENEY

(57) Abstract :

A spectrophotometer comprising a monolithic semiconductor substrate one or more wavelength dispersing means and one or more wavelength detecting means wherein the monolithic substrate (1) has waveguide means (2) and one or more resonators (3-14) acting as detectors of particular light wavelengths and disposed in proximity to the waveguide means in such a way that evanescent light coupling can occur for said light wavelengths.

No. of Pages : 27 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9044/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : WIND TURBINE BLADE WITH BASE PART HAVING NON-POSITIVE CAMBER•

(51) International classification :F03D 1/06

(31) Priority Document No :09160479.3

(32) Priority Date :18/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/056799

Filing Date :18/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)LM GLASFIBER A/S

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Denmark

(72)Name of Inventor :

1)FUGLSANG Peter

2)BOVE Stefano

3)FUGLSANG Lars

(57) Abstract :

A blade for a rotor of a wind turbine has a profiled contour in a radial direction is divided into a root region with a substantially circular or elliptical profile closest to the hub and an airfoil region with a lift generating profile furthest away from the hub. A transition region between the root region and the airfoil region has a profile gradually changing in the radial direction from the circular or elliptical profile of the root region to the lift generating profile of the airfoil region and the airfoil region comprises at least a first longitudinal segment extending at least 20% of a longitudinal extent of the airfoil region. The first longitudinal segment has a first base part with a cross-sectional profile such that when impacted by an incident airflow at an angle of attack of 0 degrees has a lift coefficient which is 0 or less.

No. of Pages : 93 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9045/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : WIND TURBINE BLADE WITH BASE PART HAVING INHERENT NON-IDEAL TWIST•

(51) International classification :F03D 1/06
(31) Priority Document No :09160477.7
(32) Priority Date :18/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/056793
Filing Date :18/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FUGLSANG Peter
2)BOVE Stefano
3)FUGLSANG Lars

(57) Abstract :

A blade for a rotor of a wind turbine is divided into a root region closest to the hub and an airfoil region with a lift generating profile furthest away from hub. A transition region has a profile gradually changing in the radial direction from the circular or elliptical profile of the root region to the lift generating profile of the airfoil region and includes at least a first longitudinal segment extending along at least 20% of a longitudinal extent of the airfoil region. A base part has an inherent non-ideal twist such as no twist or a reduced twist compared to a target blade twist so that an axial induction factor of the first base part at a design point deviates from a target axial induction factor. A number of flow altering devices are arranged so as to adjust aerodynamic properties of the first longitudinal segment

No. of Pages : 106 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9047/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD OF MANUFACTURING A WIND TURBINE BLADE HAVING PREDESIGNED SEGMENT•

(51) International classification	:F03D 1/0	(71)Name of Applicant :
(31) Priority Document No	:09160496.7	1)LM GLASFIBER A/S
(32) Priority Date	:18/05/2009	Address of Applicant :Jupitervej 6 DK-6000 Kolding
(33) Name of priority country	:EPO	Denmark
(86) International Application No	:PCT/EP2010/056808	(72)Name of Inventor :
Filing Date	:18/05/2010	1)FUGLSANG Peter
(87) International Publication No	: NA	2)BOVE Stefano
(61) Patent of Addition to Application Number	:NA	3)FUGLSANG Lars
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A blade for a rotor of a wind turbine is manufactured with a root region with a substantially circular or elliptical profile closest to the hub an airfoil region with a lift generating profile furthest away from the hub and a transition region having a profile gradually changing the root region to the airfoil region. A first blade design is used for the first base part on a first longitudinal section of an airfoil region of a second blade so that an induction factor of the first base part on the second blade deviates from a target induction factor. The first longitudinal section of the second blade is provided with flow altering devices so as to adjust the aerodynamic properties of the first longitudinal segment to substantially meet the target induction factor at the design point on the second blade.

No. of Pages : 96 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9048/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR CIRCUIT-SWITCHED CORE NETWORK EVOLUTION&NBSP;
AND NETWORK DEVICE

(51) International classification	:H04W 88/14	(71)Name of Applicant :
(31) Priority Document No	:200910107618.7	1)Huawei Technologies Co. Ltd.
(32) Priority Date	:22/05/2009	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/CN2010/072406	China.
Filing Date	:04/05/2010	(72)Name of Inventor :
(87) International Publication No	: NA	1)ZHU Haopeng
(61) Patent of Addition to Application	:NA	2)JIANG Tao
Number	:NA	3)CHEN Guorong
Filing Date	:NA	4)LI Shijun
(62) Divisional to Application Number	:NA	5)WANG Yongde
Filing Date	:NA	6)CHEN Qunhui

(57) Abstract :

A method system and network device for evolving a circuit switched (CS) domain core network are provided. The method comprises the following steps: an enhanced mobile switched center server (MSC-Server) is connected to an internet protocol (IP)multimedia subsystem (IMS) network to act as a telephony application server (TAS) in the IMS network and provide users in the IMS network with telephony services wherein said enhanced MSC-Server is obtained by updating a MSC-Server in a CS network and has the function of a TAS in an IMS network; and for a service request for an original service originated by a CS user who has subscribed new services the enhanced MSC-Server processes the service and for a service request for a new service originated by a CS user who has subscribed new services..

No. of Pages : 44 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9049/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD FOR IMPLEMENTING LOCAL SWITCH&NBSP; MOBILE SWITCHING CENTER&NBSP; AND COMMUNICATION SYSTEM

(51) International classification	:H04W 76/02	(71)Name of Applicant :
(31) Priority Document No	:200910145718.9	1)Huawei Technologies Co. Ltd.
(32) Priority Date	:31/05/2009	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/CN2010/072549	China.
Filing Date	:10/05/2010	(72)Name of Inventor :
(87) International Publication No	: NA	1)WANG Baoyi
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An implementing method of the local exchange a Mobile Switching Center (MSC) and a communication system are disclosed. In the situation of both callers locating in a first MSC and a second MSC respectively the first MSC that the first caller locates in obtains the local exchange information of the second caller transferred by the second MSC then processes the local exchange according to the local exchange information of the first caller and the local exchange information of the second caller wherein the local exchange information of the first caller and the local exchange information of the second caller include respectively the information about the Base Station Controller (BSC) that the corresponding caller locates in.

No. of Pages : 55 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.905/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : APPARATUS FOR WIRELESS COMMUNICATION COMPRISING A LOOP LIKE ANTENNA

(51) International classification :H01Q 1/24

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/058209

Filing Date :30/06/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

1)NOKIA CORPORATION

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Finland

(72)**Name of Inventor :**

1)Aimo Arkko

2)Jens Troelsen

3)Rune Skipper Soe

(57) Abstract :

Apparatus (20) comprising: an antenna (12) connectable to a first terminal (38) and to a second terminal (40) and comprising a first conductive part (34) and a second conductive part (36), the first conductive part being configured electrically in parallel with the second conductive part, the first conductive part (34) being configured to have a first electrical length and the second conductive part (36) being configured to have a second electrical length together providing a common resonant mode having a first operational frequency band, the second conductive part (36) substantially providing a common resonant mode having a second operational frequency band and the first conductive part (34) substantially providing a differential resonant mode having a third operational frequency band.

No. of Pages : 36 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9050/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR AUTHENTICATION IN PASSIVE OPTICAL NETWORK AND PASSIVE OPTICAL NETWORK

(51) International classification	:H04L 12/28	(71)Name of Applicant :
(31) Priority Document No	:200910107749.5	1)Huawei Technologies Co. Ltd.
(32) Priority Date	:28/05/2009	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/CN2010/071904	China.
Filing Date	:20/04/2010	(72)Name of Inventor :
(87) International Publication No	: NA	1)GAO Bo
(61) Patent of Addition to Application Number	:NA	2)LIN Wei
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and an apparatus for authentication in a passive optical network and a passive optical network are provided in the embodiments of the present invention. The method includes: an optical network unit/optical network terminal (ONU/ONT) receives a first negotiation message sent by an optical line terminal (OLT) and authenticates the OLT according to the logic registration code of the OLT; the ONU/ONT sends a second negotiation message to the OLT so that the OLT can authenticate the ONU/ONT according to the logic registration code of the ONU/ONT and when authentication is successful assign a terminal ID to the ONU/ONT. The embodiments of the present invention enable authentications of an OLT and an ONU/ONT by using logic registration codes thereby addressing potential security issues in the authentication process.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9051/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ARRANGING EQUIPMENT IN A DATA CENTER

(51) International classification :G06F 17/50
(31) Priority Document No :12/437,734
(32) Priority Date :08/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/033870
Filing Date :06/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :132 Fairgrounds Road West
Kingston RI 02892 United States of America
(72)**Name of Inventor :**
1)SHRIVASTAVA Saurabh K.
2)VANGILDER James W.

(57) Abstract :

A system and method for providing a layout of equipment in a data center, the equipment including a plurality of equipment racks, and at least one rack-based cooling provider. In one aspect, the method includes receiving data regarding airflow consumption for each of the plurality of equipment racks and cooling capacity of the at least one cooling provider, storing the received data, determining a layout of the data center, displaying the layout of the data center. In the method determining a layout can include pairing each equipment rack of the plurality of equipment racks with another equipment rack of the plurality of equipment racks based on airflow consumption of each of the plurality of equipment racks to create a plurality of pairs of equipment racks, determining a combined airflow consumption value for each of the pairs of equipment racks, arranging the pairs of equipment racks to form a two-row cluster of equipment racks based on the combined airflow consumption value of the equipment racks, wherein each pair includes an equipment rack in a first row of the cluster and an equipment rack in a second row of the cluster, and determining a location of the at least one cooling provider in the cluster.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9052/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : APPARATUS AND METHOD FOR GENERATING VISIBLE SIGNAL ACCORDING TO AMOUNT OF DATA TRANSMISSION IN VISIBLE LIGHT COMMUNICATION SYSTEM

(51) International classification :H04B 10/10
(31) Priority Document No :10-2009-0040396
(32) Priority Date :08/05/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/002932
Filing Date :07/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Tae-Han BAE
2)Jae-Seung SON
3)Eun-Tae WON
4)Do-Young KIM

(57) Abstract :

A method and apparatus for generating a visible signal to enable a user to confirm the amount of data transmission in Visible Light Communication (VLC) are provided. The apparatus previously acquires amount information of data which is to transmit or receive and acquires the ratio of the amount of data transmitted to a receiving-side VLC device from a transmitting VLC device or the amount of data transmitted from the transmitting-side VLC device received by the receiving VLC device to the total amount of data. The apparatus determines a visible light output pattern corresponding to the data ratio and generates visible light of the determined output pattern.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9053/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : PROCESS FOR PRODUCING POLYETHER POLYOL AND PROCESS FOR PRODUCING RIGID FOAMED SYNTHETIC RESIN USING SAME

(51) International classification	:C08G 65/28	(71)Name of Applicant :
(31) Priority Document No	:2009-143114	1)Asahi Glass Company Limited
(32) Priority Date	:16/06/2009	Address of Applicant :5-1 Marunouchi 1-chome Chiyoda-
(33) Name of priority country	:Japan	ku Tokyo 1008405 Japan
(86) International Application No	:PCT/JP2010/060058	(72)Name of Inventor :
Filing Date	:14/06/2010	1)Katsuhiko Shimizu
(87) International Publication No	: NA	2)Tomohiro Hayashi
(61) Patent of Addition to Application	:NA	3)Hiroshi Wada
Number	:NA	4)Yoshinori Toyota
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a process for producing a polyether polyol which can form low viscosity rigid foamed synthetic resins excellent in strength, dimensional stability and flame retardancy, can give a low viscosity polyol system solution containing water instead of HFCs as a blowing agent with good miscibility with isocyanate compounds and can form good rigid foamed synthetic resins by spraying. A polyether polyol (A) is produced by reacting a phenol component (molar ratio 1) selected from phenol and phenol derivatives having a hydrogen atom at one or more ortho-positions to the phenolic hydroxyl group, an aldehyde component (molar ratio 0.3 to 0.9) selected from formaldehyde and acetaldehyde and an alkanolamine component (molar ratio 1.5 to 3.5) selected from monoethanolamine, diethanolamine and 1-amino- 2-propanol and then adding an alkylene oxide to the resulting reaction product.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9054/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : INJECTION DEVICE HAVING ELECTRONIC DOSIS MONITOR

(51) International classification :A61M 5/20

(31) Priority Document No :61/183,748

(32) Priority Date :03/06/2009

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

(86) International Application No :PCT/EP2010/057777

Filing Date :03/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JESPERSEN Sren Kragh

2)BUSCHARDT Claus Valentin

3)HANSEN Kim Ejholm

4)KVOLSBJERG Bo

5)PEDERSEN Bennie Peder Smiszek

6)GJDESEN Claus Urup

7)NIELSEN Preben Mikael

(57) Abstract :

Medical injection advice adapted for operating in a dose setting mode and in a dose administration mode comprising a dosing actuator (124) reversibly actuatable from a first state for operating the device in the dose setting mode to a second state for operating the device in the dose administration mode a switch (130 132) adapted to sense positional information associated with the dosing actuator and a controller coupled to the switch arrangement wherein electronic mode representation is configured to enter dose setting mode after a time delay following detecting the dosing actuator has moved away from said second state or detecting the dosing actuator has moved into said first state.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9055/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : DRUG DELIVERY DEVICE WITH CAP FUNCTIONS FOR NEEDLE ASSEMBLY

(51) International classification :A61M 5/32

(31) Priority Document No :61/186,550

(32) Priority Date :12/06/2009

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

(86) International Application No :PCT/EP2010/058322

Filing Date :14/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)LARSEN Andr

2)NIELSEN Karsten Dupont

3)HOFST,,TTER Thibaud

4)HISSINIAN Omid Reza

(57) Abstract :

Drug delivery system comprising a main portion with a cap as well as a needle assembly with a needle mounted in a hub and a needle cap releasably mountable on the hub to cover the needle. The cap comprises gripping means reversibly operatable between a first condition in which there is no gripping engagement between the mounted cap portion and the needle cap this allowing the cap portion to be removed from the main portion without removing the needle cap from the hub and a second condition in which the cap portion grippingly can en-gage the needle cap of a needle assembly this allowing the needle cap to be removed from the hub together with the cap. The cap further comprises user actuation means for operating the gripping means between the two conditions.

No. of Pages : 39 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9056/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : DERMAL DELIVERY COMPOSITIONS COMPRISING ACTIVE AGENT-CALCIUM PHOSPHATE PARTICLE COMPLEXES AND METHODS OF USING THE SAME•

(51) International classification :A61K 9/16
(31) Priority Document No :61/176,057
(32) Priority Date :06/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/033942
Filing Date :06/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LABORATORY SKIN CARE INC.
Address of Applicant :P.O. Box 7469 Tahoe City California
96145 United States of America
(72)Name of Inventor :
1)MANSOURI Zahra

(57) Abstract :

Dermal delivery compositions are provided. Aspects of the dermal delivery compositions include the presence of active agent-calcium phosphate particle complexes where these complexes include uniform rigid spherical nanoporous calcium phosphate particles associated with one or more active agents. Also provided are methods of using the compositions in active agent delivery applications.

No. of Pages : 95 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9057/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR JOINT DETECTION OF ETHERNET PART SEGMENT PROTECTION

(51) International classification :H04L 12/24
(31) Priority Document No :200910086844.1
(32) Priority Date :08/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/073688
Filing Date :02/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZTE CORPORATION
Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China.
(72)**Name of Inventor :**
1)Bin WANG
2)Ting AO

(57) Abstract :

The present invention discloses a method for detection of Ethernet segment protection, and this method includes: configuring a detection point in two segment protection domains with a shared link; configuring a joint monitor group on the shared link of said two segment protection domains; and judging whether the configured detection point and the joint monitor group receive a Continuity Check Message (CCM) in a certain period, if the CCM message is received, determining a detected segment corresponding to this CCM message is normal; if the CCM message is not received, determining the detected segment corresponding to this CCM message has a fault. The present invention further discloses a system for detection of Ethernet segment protection, including: a detection point configuration unit, a joint monitor group configuration unit and a judgment unit. The method and system of the present invention can solve the problem of the segment protection in the case of the multi-node fault and greatly improve the network performance.

No. of Pages : 32 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9058/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD FOR PURIFYING ALBUMIN

(51) International classification :C07K 14/765

(31) Priority Document No :09159642.9

(32) Priority Date :07/05/2009

(33) Name of priority country :EUROPEAN UNION

(86) International Application No :PCT/EP2010/056262

Filing Date :07/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)BLACKWELL Lee Edward

2)CAMERON Jason

3)MORTON Phillip Harvey

4)BURTON Steven James

5)DODD Richard Anthony

6)BURTON Mark Jonathan

(57) Abstract :

An improved method for purifying albumin a variant or fragment thereof a fusion protein comprising albumin a variant or fragment thereof or a conjugate comprising albumin a variant or fragment thereof is disclosed.

No. of Pages : 38 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9059/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : WIND TURBINE BLADE

(51) International classification :F03D 1/06
(31) Priority Document No :09160493.4
(32) Priority Date :18/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/056804
Filing Date :18/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Denmark
(72)**Name of Inventor :**
1)FUGLSANG Peter
2)BOVE Stefano
3)FUGLSANG Lars

(57) Abstract :

A blade for a rotor of a wind turbine has a root region with a substantially circular or elliptical profile closest to the hub and an airfoil region with a lift generating profile furthest away from the hub. A transition region has a base part with an inner dimension that varies linearly in the radial direction of the blade in such a way that an induction factor of the first base part without flow altering devices at a rotor design point deviates from a target induction factor. The first longitudinal segment is provided with a number of first flow altering devices arranged so as to adjust the aerodynamic properties of the first longitudinal segment to substantially meet the target induction factor at the design point.

No. of Pages : 104 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.906/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : APPARATUS HAVING CLOSED AND OPEN CONFIGURATIONS AND ASSOCIATED PORTABLE DEVICE METHOD AND COMPUTER READABLE MEDIUM

(51) International classification :G06F 1/16
(31) Priority Document No :12/459,360
(32) Priority Date :30/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/FI2010/050303
Filing Date :15/04/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
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(72)**Name of Inventor :**
1)Martin Punke
2)Ralf Wieser
3)Mohammad Ali Mockarram-Dorri

(57) Abstract :

Described herein is an apparatus having a first closed configuration and a second open configuration. The apparatus has a user output area (3) configured to be able to provide viewable user output content, and a user input area (4) comprising a transparent region configured to be able to receive touch user input. The apparatus is configured such that, in the first closed configuration, the transparent region of the user input area (4) is positioned to at least partially overlies and cover the user output area (3) to provide a covered region of the user output area (3), the transparent region of the user input area (4) allowing the content on the user output area (3) in the covered region to be viewable through the user input area (4). The apparatus is also configured such that, in the second open configuration, the user input area (4) is positioned to be moved away from the user output area (3) to provide a revealed region of the user output area (3) to allow the content of the user output area (3) in the revealed region to be directly viewable. The user input area (4) is configured to provide for user input in both first and second configurations.

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.907/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : AN APPARATUS AND METHOD FOR IMPROVING LOW FREQUENCY RESPONSE IN A LOUDSPEAKER

(51) International classification :H04R 1/28
(31) Priority Document No :12/459,347
(32) Priority Date :30/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/FI2010/050394
Filing Date :17/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :

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2)Tim Mellow
3)Pritesh Hiralal
4)Haolan Wang
5)Gehan Amaratunga

(57) Abstract :

An apparatus and method of providing an apparatus, the apparatus including: a loudspeaker (5) configured to convert an electrical input signal into an acoustic output signal; and carbon nanohorn material (13) wherein the carbon nanohorn material (13) is positioned so as to be exposed to the acoustic output signal.

No. of Pages : 24 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9070/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR INCREASING THE SPEED OF SUCCESSFUL ENTANGLEMENT CREATION AND QUANTUM REPEATER USING THE SAME

(51) International classification :H04L 9/08

(31) Priority Document No :0907936.9

(32) Priority Date :08/05/2009

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

(86) International Application No :PCT/EP2009/064065

Filing Date :26/10/2009

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

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(57) Abstract :

As attached

No. of Pages : 55 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9072/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : PUSCH TRANSMIT DIVERSITY SCHEME SELECTION

(51) International classification :H04B 7/08

(31) Priority Document No :61/218,249

(32) Priority Date :18/06/2009

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

(86) International Application No :PCT/US2010/039235

Filing Date :18/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)LUO Tao

2)LUO Xiliang

3)MONTJO Juan

(57) Abstract :

Certain aspects of the present disclosure relate to a method for uplink wireless communications. In one aspect a diversity scheme may be selectively and adaptively applied to an uplink transmission based on a determination of whether the uplink transmission comprises one or more orphan symbols. According to an aspect the determination is made based on whether a sounding reference signal is received in the uplink subframe and whether the uplink subframe is configured with a normal or extended cyclic prefix.

No. of Pages : 40 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9074/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : REDUCING FREQUENT HANDOFFS OF A WIRELESS COMMUNICATION DEVICE

(51) International classification :H04W 52/34

(31) Priority Document No :61/181,882

(32) Priority Date :28/05/2009

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

(86) International Application No :PCT/US2010/036730

Filing Date :28/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)PATEL Chirag Sureshbhai

2)YAVUZ Mehmet

3)NANDA Sanjiv

(57) Abstract :

A method for reducing frequent idle handoffs of a wireless communication device is described. A registration request is received by a base station or a femto access point from the wireless communication device. The number of registration requests received from the wireless communication device are counted while the registration timer is running. It is determined that frequent handoffs are happening when the number of registration requests received is greater than a registration threshold. A transmit power of a femto access point is adjusted if the number of registration requests received indicates that frequent handoffs are happening.

No. of Pages : 74 No. of Claims : 83

(12) PATENT APPLICATION PUBLICATION

(21) Application No.908/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : NEW BICYCLIC DIOXANES&NBSP; THEIR PREPARATION AND THEIR USE AS FRAGRANT COMPOUNDS•

(1) International classification :C07D 319/08
(31) Priority Document No :09305713.1
(32) Priority Date :29/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/053424
Filing Date :28/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CHANOT Jean-Jacques

2)MANE Jean

3)PLESSIS Caroline

(57) Abstract :

The invention is directed to the use of compounds of formula (I) - R3 and R4 are independently a hydrogen atom a C1-C6 alkyl group or a C2-C6 alkenyl group - R5 is a C1-C6 alkyl group a C2-C6 alkenyl group or a (CH2)o.z-aryl group - R6 is a C1-C6 alkyl group a C2-C6 alkenyl group a (CH2)o-2-aryl group or a C5-C6 cycloalkyl or cycloalkenyl group and - R7 is a hydrogen atom a C1-C6 alkyl group or a C2-C6 alkenyl group; or - R3 R4 and R5 are as above defined and - R6 and R7 together with the carbon atom to which they are attached form a C5-C6 cycloalkyl or cycloalkenyl group.

No. of Pages : 37 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9082/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : LOW COMPLEXITY UNIFIED CONTROL CHANNEL PROCESSING

(51) International classification :H04L 27/26

(31) Priority Document No :61/219,352

(32) Priority Date :22/06/2009

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

(86) International Application No :PCT/US2010/039519

Filing Date :22/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)**Name of Inventor :**

1)WANG Renqiu

2)XU Hao

(57) Abstract :

Systems and methodologies are described that facilitate unified low-complexity processing (e.g. user separation and noise estimation) of a control channel. One or more UEs can respectively transmit one or more control signals which are multiplexed on a control channel and a base station can receive a control channel signal that includes the one or more control signals. The base station in a single pass can separate the control signals by matching the control channel signal with a base sequence and translating the matched signal to a time-domain representation. In the time-domain representation each control signal resides at a different tap. Further the base station can identify taps of the time-domain representation corresponding to an unused cyclic shift or orthogonal cover sequence. Such taps can be employed to generate a noise and/or interference estimate.

No. of Pages : 60 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.909/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : TRANSPARENT ELECTROCHROMIC SYSTEM•

(51) International classification :G02F 1/163

(31) Priority Document No :09 55265

(32) Priority Date :28/07/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/051510

Filing Date :10/09/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)BIVER Claudine

2)CANO Jean-Paul

3)DULUARD Sandrine

4)SAUGEY Anthony

(57) Abstract :

The invention relates to a transparent electrochromic system (100) including a cellular structure (13) two power supply electrodes (1 2) together supported on a single wall (10) and at least one additional electrode (3). Said additional electrode can be used as a reference electrode or as a polarization electrode. Said additional electrode can also form a condenser with a fourth electrode that is added to the system in order to control a migration of certain electroactive substances responsible for coloring and decoloring the system. The operation of the system can thus be improved.

No. of Pages : 28 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9094/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : HEAT AND/OR STEAM ACTIVATED VALVE AND METHOD THEREFOR

(51) International classification :B65D77/22
(31) Priority Document No :61/184,203
(32) Priority Date :04/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/037407
Filing Date :04/06/2010
(87) International Publication No :WO 2010/141820 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)SELINE, DAVID, W.
2)SANDT, RICHARD, L.
3)RUSIN, MARY, BETH
4)GRECO, NICHOLAS

(57) Abstract :

A valve (10) is disclosed which is operable to automatically transition from a closed state to an open state in response to heat. The valve (10) includes: a cover (12) having at least one opening (12a) therein; at least one adhesive layer (32, 36) for sealing a perimeter of the cover (12) to a wall (22) of a food cooking package (20) on which the valve (10) is positioned; and, a deformable element (14) that shrinks in response to being exposed to heat, the deformable element (14) having a perimeter which is sealed by an adhesive when the valve (10) is in its closed state, wherein shrinking of the deformable element (14) pulls the perimeter of the deformable element (14) away from a site where it is sealed by the adhesive, thereby breaking the seal about the perimeter of the deformable element (14) and transitioning the valve (10) from its closed state to its open state.

No. of Pages : 40 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9097/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING REFERENCE SIGNALS IN UPLINK MULTIPLE INPUT MULTIPLE OUTPUT (MIMO) TRANSMISSION

(51) International classification	:H04B7/06	(71)Name of Applicant :
(31) Priority Document No	:61/220,595	1)LG ELECTRONICS INC.
(32) Priority Date	:26/06/2009	Address of Applicant :20 YEOUIDO-DONG,
(33) Name of priority country	:U.S.A.	YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(86) International Application No	:PCT/KR2010/004180	(72)Name of Inventor :
Filing Date	:28/06/2010	1)KO, HYUN SOO
(87) International Publication No	:WO 2010/151092 A2	2)NOH, MIN SEOK
(61) Patent of Addition to Application Number	:NA	3)CHUNG, JAE HOON
Filing Date	:NA	4)HAN, SEUNG HEE
(62) Divisional to Application Number	:NA	5)LEE, MOON IL
Filing Date	:NA	

(57) Abstract :

The present invention relates to a wireless communication system, and more particularly, to a method and an apparatus for transmitting reference signals in uplink MIMO transmission. According to one embodiment of the present invention, the method for transmitting uplink signals through a terminal in the wireless communication system comprises the steps of: receiving control information including the information on a cyclic shift and/or an orthogonal cover code; allocating the multiplexed reference signals onto an uplink subframe; and transmitting the subframe through a multi-antenna. When the uplink MIMO transmission is multiuser MIMO transmission, the reference signals of the terminal and the reference signals of other terminals can be multiplexed by using the orthogonal cover code.

No. of Pages : 62 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.910/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND DEVICE FOR MONITORING A SPATIAL REGION•

(51) International classification :G06T 7/00
(31) Priority Document No :10 2009 035 75 .6
(32) Priority Date :24/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/060686
Filing Date :23/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)WIETFELD Martin

(57) Abstract :

A first and a second image recording unit, which are arranged at a defined distance from one another, are provided for monitoring a spatial region. A first image (40') of the spatial region is recorded by means of the first image recording unit. A second image is recorded by means of the second image recording unit. A number of object positions are determined on the basis of the first and second images, wherein each object position represents the spatial distance of an object (42, 44) relative to the image recording units. Depending on the object positions, a switching signal is generated. In accordance with one aspect of the invention, the spatial region has at least one structure (46) having a plurality of substantially parallel edges (48a, 48b). A number of reference marks (56) are arranged at the structure (46). A number of reference distances between the image recording units and the reference marks (56) are determined. A structure position of the structure (46) is determined on the basis of the reference distances.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9101/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : COMBINED AUTOMATED PARALLEL SYNTHESIS OF POLYNUCLEOTIDE VARIANTS

(51) International classification :C12N 15/10
(31) Priority Document No :PCT/US2009/047046
(32) Priority Date :11/06/2009
(33) Name of priority country :PCT
(86) International Application No :PCT/US2009/057507
Filing Date :18/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)COLBECK Jeffrey
2)MIJTS Benjamin
3)GIVER Lorraine Joan
4)FOX Richard J.
5)MITCHELL Vesna
6)PAK Bumshik Robert
7)GILSON Lynne

(57) Abstract :

The present disclosure relates to methods for efficient synthesis cloning transformation and screening of large diverse libraries of polynucleotide variants comprising well-defined nucleotide differences relative to a reference polynucleotide.

No. of Pages : 66 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9103/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : ENHANCED MOISTURE BARRIER IMMEDIATE RELEASE FILM COATING SYSTEMS AND SUBSTRATES COATED THEREWITH

(51) International classification :A61K 9/48
(31) Priority Document No :61/177,380
(32) Priority Date :12/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/032748
Filing Date :28/04/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)TECKOE Jason

(57) Abstract :

The present invention is directed to immediate release film coating systems for use on oral dosage forms such as compressed tablets and other orally-ingestible substrates which have improved moisture barrier properties. The film coating systems can be applied either directly to a substrate or after the substrate has been coated with a subcoat. In preferred aspects the moisture barrier film coating is prepared as a dry powder mixture containing polyvinyl alcohol a polymer with pH dependent solubility a plasticizer a glidant and optionally a detackifier an alkalizing agent and a pigment. Film coating compositions containing an aqueous suspension of the powder mixtures methods of applying the coatings to substrates and the coated substrates are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.911/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : COLLABORATIVE AGENT ENCRYPTION AND DECRYPTION

(51) International classification :A61B 10/00
(31) Priority Document No :09166936.6
(32) Priority Date :31/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/060944
Filing Date :28/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MARGARET ANN BEYNON
3)PETER STRETTON

(57) Abstract :

A method for securely transmitting data from a sender computer system to a receiver computer system comprises receiving a cleartext message by a first intelligent agent environment; splitting said message into a plurality of message fragments; creating an intelligent agent for each message fragment; generating a key for each message fragment; encrypting each said message fragment to produce a respective encrypted message fragment; and transmitting each intelligent agent with said respective encrypted message fragment as a data payload. The method may further comprise receiving each intelligent agent with its respective encrypted message fragment as a data payload by a second intelligent agent environment at the receiver computer system; locating each of a set of agents; decrypting each encrypted respective message fragment to produce a respective cleartext message fragment; and collaborating by the set of agents to recombine cleartext message fragments to form a cleartext message.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9111/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : SCOUT AGENTS FOR IP SOURCES DATABASE BUILDING AND IP SOURCES DATABASE FOR APPLICATION AWARD TRAFFICE MANAGEMENT IN IP NETWORKS

(51) International classification :H04L12/26
(31) Priority Document No :09305528.3
(32) Priority Date :10/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/058047
Filing Date :09/06/2010
(87) International Publication No :WO 2010/142707
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)VAN EWIJK, ADRIANUS
2)DAVIES, PAUL
3)SOLD, HARAN

(57) Abstract :

According to the invention, a scout agent (101, 201, 301) with network connectivity builds a source database (100) by: - learning address information, port information and protocol information of certain traffic sources (206, 306); - learning application traffic profile information of these traffic sources (206, 306); and - instructing storage of the address information, port information, protocol information and application traffic profile information in a source database (100).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9113/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : DUAL PLATE CHECK VALVE

(51) International classification :F16K
(31) Priority Document No :61/509,814
(32) Priority Date :20/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054738
Filing Date :04/10/2011
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JAVED ANWAR HAWA

(57) Abstract :

A check valve in which a stop pin assembly is situated so as to prevent the movement of a flapper beyond a predetermined position. In a preferred embodiment the check valve has two flappers with the stop pin assembly situated therebetween to prevent either one of them from pivoting beyond an essentially vertical position. The stop pin assembly is configured such that it can be inserted and locked in place when the check valve is inserted within a valve body that contains the check valve. The stop pin assembly can comprise three elements including a central portion and first and second end portions, although the stop pin assembly could instead comprise a single element. The stop pin assembly is inserted between two holders and in a preferred embodiment is rotatable to a locking position where it is affixed in place by fasteners.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9117/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : INDIVIDUALIZED RETRY CONFIGURATIONS FOR MESSAGES HAVING FAILED DELIVERY

(51) International classification :H04W4/12
(31) Priority Document No :12/486892
(32) Priority Date :18/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/037675
Filing Date :08/06/2010
(87) International Publication No :WO 2010/147789 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)YIGANG CAI
2)SUZANN HUA

(57) Abstract :

Systems and methods are disclosed for handling retry attempts for a message based on an individualized retry configuration. One embodiment comprises a message center (120) for a mobile network (100). The message center (120) includes a retry database (124) that stores retry configurations each defining rules for retry attempts of a message. The message center (120) further includes a delivery system (122) that receives a message, initiates a delivery attempt to the destination (112), and identifies a failure of the delivery attempt. In response to the failure, the delivery system (122) initiates a retry process by identifying an individualized retry configuration for the message from the retry database. The individualized retry configuration may define a number of subsequent retry attempts and time intervals between the retry attempts. The delivery system (122) then initiates one or more retry attempts of the message to the destination (112) based on the individualized retry configuration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9123/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : DIFFERENTIAL AIR PRESSURE SYSTEMS

(51) International classification :A61H 7/00

(31) Priority Document No :61/178,901

(32) Priority Date :15/05/2009

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

(86) International Application No :PCT/US2010/034518

Filing Date :12/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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5)WHALEN Robert T.

(57) Abstract :

Described herein are various embodiments of differential air pressure systems and methods of using such systems. The differential air pressure system may comprise a chamber configured to receive a portion of a users lower body and to create an air pressure differential upon the users body. The differential air pressure system may further comprise a user seal that seal the pressure chamber to the users body. The height of the user seal may be adjusted to accommodate users with various body heights.

No. of Pages : 70 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9124/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : MODIFIED RELEASE NIACIN PHARMACEUTICAL FORMULATIONS

(51) International classification :A61K 9/32
(31) Priority Document No :1144/CHE/2009
(32) Priority Date :18/05/2009
(33) Name of priority country :India
(86) International Application No :PCT/US2009/066333
Filing Date :02/12/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SINGARE Dhananjay

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4)KARATGI Pradeep Jairao

5)MARELLA Sessa Sai

6)BHAGWATWAR Harshal Prabhakar

7)KHANNA Ish Kumar

8)PILLAI Raviraj Sukumar

9)PILLARISETTI Sivaram

(57) Abstract :

Pharmaceutical formulations comprising niacin in a matrix comprising a hydrophobic polymer that modifies release of niacin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9132/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : POLYUNSATURATED FATTY ACIDS FOR THE TREATMENT OF DISEASES RELATED TO CARDIOVASCULAR&NBSP; METABOLIC AND INFLAMMATORY DISEASE AREAS

(51) International classification	:C07C 57/03	(71)Name of Applicant :
(31) Priority Document No	:61/176,503	1)PRONOVA BIOPHARMA NORGE AS
(32) Priority Date	:08/05/2009	Address of Applicant :P.O. Box 420 N-1327 Lysaker
(33) Name of priority country	:U.S.A.	Norway
(86) International Application No	:PCT/IB2010/001251	(72)Name of Inventor :
Filing Date	:07/05/2010	1)HOVLAND Ragnar
(87) International Publication No	: NA	2)HOLMEIDE Anne Kristin
(61) Patent of Addition to Application Number	:NA	3)SKJ+RET Tore
Filing Date	:NA	4)BR+NDVANG Morten
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to lipid compounds of the general formula (I): R1OC(R2)(R3) X (I) wherein R1 is a C10-C22 alkyl group a C10-C22 alkenyl group having 1-6 double bonds or a C10-C22 alkynyl group having 1-6 triple bonds; R2 and R3 are the same or different and may be chosen from different substituents; and X is carboxylic acid or a derivative such as a carboxylic ester a carboxylic anhydride a phospholipid triglyceride or a carboxamide; or pharmaceutically acceptable salt solvate solvate of such salt or a prodrug. The present disclosure relates to pharmaceutical compositions and lipid compositions comprising at least one compound according to the present disclosure and their use as medicaments or for use in therapy for treatment of diseases related to the cardiovascular metabolic and inflammatory disease area.

No. of Pages : 80 No. of Claims : 93

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9134/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : CAPACITOR SWITCHING CIRCUIT

(51) International classification :H03B 5/12

(31) Priority Document No :12/480,966

(32) Priority Date :09/06/2009

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

(86) International Application No :PCT/US2010/038038

Filing Date :09/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)RANGARAJAN Rajagopalan

2)MISHRA Chinmaya

(57) Abstract :

Capacitance switching element (200) includes first (240) and second (245) capacitors connected in series by transistors (205 210). The gates of the transistors are biased by a first signal (b0/) through one set of resistors (220 230) and the sources and drains are biased by a second signal (b0) through a second set of resistors (215 225 235). The signals are level-shifted and may be complimentary. To turn the element ON the first signal (b0/) may be set to VDD and the second signal (b0) may be set to zero. To turn the element OFF the first signal (b0/) may be set to a multiple of VDD/2 and the second signal (b0) may be set to the multiple plus one of VDD/2. When the element is used in an oscillator tuning circuit the voltage stress on the transistors is reduced and the transistors may be fabricated with thin oxide. The oscillator may be used in a transceiver of a cellular access terminal.

No. of Pages : 27 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8997/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : EGFR INHIBITORS AND METHODS OF TREATING DISORDERS•

(51) International classification :C07D 473/16
(31) Priority Document No :61/215,419
(32) Priority Date :05/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/001341
Filing Date :05/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ZHOU Wenjun

2)GRAY Nathanael S.

3)JANNE Pasi

4)ECK Michael J.

(57) Abstract :

The present invention relates to novel pyrimidine pyrrolo-pyrimidine pyrrolo-pyridine pyridine purine and triazine compounds which are able to modulate epidermal growth factor receptor (EGFR) including Her-kinases and the use of such compounds in the treatment of various diseases disorders or conditions.

No. of Pages : 198 No. of Claims : 129

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8998/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : VESSEL AND METHOD FOR MAKING THE SAME•

(51) International classification :B65D 1/26

(31) Priority Document No :61/186,458

(32) Priority Date :12/06/2009

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

(86) International Application No :PCT/US2010/038327

Filing Date :11/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)HERMAN PETER

Address of Applicant :60 Sheridan Street Unit 2 Jamaica
Plain MA 02130 United States of America

(72)Name of Inventor :

1)HERMAN PETER

(57) Abstract :

A vessel (100) composed of a sheet of flexible material cut rolled and affixed to form a frusto-conically shaped base region (101). The sheet when rolled including an upper region having two opposing flaps (103 113) each flap delineated from a remaining portion of the sheet by a path (118) along which the sheet is scored so that the flaps when folded along their respective paths define a single elevated drinking portion having a spout (104) formed between an extension of the base region and at least one of the two flaps.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8999/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : INSTALLING APPLICATIONS BASED ON A SEED APPLICATION FROM A SEPARATE DEVICE

(51) International classification :G06F 9/445
(31) Priority Document No :61/183,861
(32) Priority Date :03/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/035411
Filing Date :19/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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95014 United States of America

(72)Name of Inventor :

1)Edward D. STEAKLEY

(57) Abstract :

Disclosed herein are systems computer-implemented methods and tangible computer-readable storage media for synchronizing applications between devices. The method displays on a sharing device a list of one or more applications which are available to share with other devices and receives a selection at the sharing device of an application to share with a receiving device from the list of applications. The method then determines by the sharing device sharing preferences of the selected application creates an application package at the sharing device based on the sharing preferences and establishes a network connection from the sharing device to the receiving device. The system transmits the application package from the sharing device to the receiving device via the network connection.

No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.914/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : A METHOD OF ANALYZING CELLULOSE DECAY IN CELLULOSIC MATERIAL HYDROLYSIS

(51) International classification :G01N 33/50

(31) Priority Document No :61/226,538

(32) Priority Date :17/07/2009

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

(86) International Application No :PCT/US2010/041869

Filing Date :13/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)MALTEN Marco

2)MC-FARLAND Keith

(57) Abstract :

Enzymes and/or polypeptides and/or mixtures of interest are evaluated during hydrolysis of cellulosic material by the use of indicator constituents such as fluorescent agents resulting in efficient high-throughput analysis of enzymes and/or polypeptides. A high-throughput assay for the analysis of inter alia pretreated corn stover (PCS) hydrolysis is also disclosed.

No. of Pages : 170 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.917/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : ORGANIC SEMICONDUCTORS

(51) International classification :C07D 495/04

(31) Priority Document No :0913628.4

(32) Priority Date :05/08/2009

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

(86) International Application No :PCT/GB2010/001485

Filing Date :05/08/2010

(87) International Publication No :WO/2012/017184

(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)ZUBERI, SHEENA

2)ZUBERI, TANIA

(57) Abstract :

A semiconducting compound comprising the structure: where R1 to R4 independently comprise, but are not limited to, optionally substituted straight, branched or cyclic alkyl chains having 2 to 20 (e.g. 2 to 12) carbon atoms, alkoxy, amino, amido, silyl, alkyl, aikenyl, aryl or hetero aryl; where X1 and X2 independently comprise S, O, NR5 or SiR6R7 where Rs to R7 independently comprise C1 to C5 branched, straight or cyclic alkyl chains; and where Ar1 comprises a heterocyclic ring, and where n is an integer between 1 and 4.

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9171/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SYNCHRONIZING NETWORK GAME TIME

(51) International classification :H04L29/06		(71)Name of Applicant :
(31) Priority Document No :200910086707.8		1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
(32) Priority Date :19/06/2009		Address of Applicant :ROOM 403, EAST BLOCK 2, SEG PARK, ZHENXING ROAD, FUTIAN DISTRICT, SHENZHEN CITY 518044, GUANGDONG PROVINCE, PRC China
(33) Name of priority country :China		
(86) International Application No :PCT/CN2010/073125		
Filing Date :24/05/2010		
(87) International Publication No :WO 2010/145410 A1		(72)Name of Inventor :
(61) Patent of Addition to Application Number :NA		1)MAO, YIYU
Filing Date :NA		2)LI, JIANQUAN
(62) Divisional to Application Number :NA		3)XUE, DEYI
Filing Date :NA		4)SUN, JUN
		5)QIU, BIN
		6)YANG, SHAN

(57) Abstract :

Embodiments of the present invention provide a method and an apparatus for synchronizing network game time, so as to solve the problem that excessive memory and CPU resources are consumed and players with large delay have poor game experience. The present invention obtains a time difference between a network game server and a network game client according to a time that the network game server transmits a first data packet to the network game client, a time that the network game client transmits a second data packet to the network game server and a time that the network game server receives the second data packet from the network game client. Obtain an actual time that the network game client transmits the second data packet to the network game server during the game according to the time difference, and synchronize the time of the network game client with that of the network game server. The present invention is able to determine the time that the network game client transmits the second data packet to the network game server accurately, saves CPU and memory resources and improves the game experience.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9152/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : PORTABLE TERMINAL APPARATUS, METHOD FOR CONTROLLING PORTABLE TERMINAL APPARATUS, COMMUNICATION SYSTEM, COMMUNICATION APPARATUS ,AND METHOD FOR CONTROLLING COMMUNICATION APPARATUS

(51) International classification :H04M11/00
(31) Priority Document No :2009-137659
(32) Priority Date :08/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059796
Filing Date :03/06/2010
(87) International Publication No :WO 2010/143669
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NEC CORPORATION
Address of Applicant :7-1, SHIBA 5-CHOME MINATO-KU, TOKYO 108-8001 Japan
(72)Name of Inventor :
1)SHINOHARA, MASAHIITO

(57) Abstract :

In order to solve the problem of performing data transmission between a server and a communication apparatus via a portable terminal apparatus at a high speed, the portable terminal apparatus is provided with: a first communication means which connects with a server on a network and communicates data, a second communication means which connects with the communication apparatus and performs data communication, a temporary storage means which temporarily stores data when relaying data communication between the server and the communication apparatus using the first communication means and the second communication means, and a control means which can control data communication performed by the first communication means and the second communication means asynchronously and in parallel when relaying data communication between the server and the communication apparatus.

No. of Pages : 65 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9154/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : SECURE CLOCK SYNCHRONIZATION

(51) International classification :G04G 7/00

(31) Priority Document No :10165325.1

(32) Priority Date :09/06/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/057759

Filing Date :13/05/2011

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KIRRMANN, HUBERT

2)TOURNIER, JEAN-CHARLES

(57) Abstract :

The present invention is concerned with a secure one-step IEEE 1588 clock using either a symmetric or asymmetric protection scheme. Clocks of mission-critical or highly-available devices in industrial automation systems connected to a communication network are synchronized by sending, by a master clock, a synchronization message, in particular a single message of the one-step-clock type according to IEEE 1588, including a time stamp, and by receiving and evaluating, by a slave clock, the synchronization message. A synchronization component or module of the master clock prepares, or composes, prior to a projected send time tsend, a synchronization message including a time stamp of the projected send time, and secures the synchronization message still in advance of the projected send time. Securing the synchronization message takes place by suitable cryptographic means allowing at least for authentication of the time stamp at a receiving slave clock, e.g. by calculating and signing a checksum or hash of the synchronization message. At the projected send time, the secured synchronization message is transmitted.

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.916/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :21/04/2009

(43) Publication Date : 24/05/2013

(54) Title of the invention : APPROACH FOR SOLVING A CONSTRAINED OPTIMIZATION PROBLEM

(51) International classification	:g05b	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Indian Institute of Science
(32) Priority Date	:NA	Address of Applicant :Bangalore Karnataka India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Shalabh Bhatnagar
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 :

Approaches for performing simulation optimization for solving a constrained optimization problem are generally disclosed. One embodiment according to the present disclosure is to formulate a Lagrange equation having incorporated a Lagrange parameter, a first long run average function for an objective associated with the constrained optimization problem, and a second long run average function for a constraint associated with the constrained optimization problem. Then, to identify a parameter value that may lead to an extreme value for the Lagrange equation, in an iterative manner, averages of the first long run average function and the second long run average function are calculated, a gradient of the Lagrange equation is estimated, and the Lagrange parameter is updated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9161/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : APPARATUS AND METHOD FOR MULTIPLE WIRELESS SERVICE COEXISTENCE

(51) International classification :H04B1/40
(31) Priority Document No :61/187573
(32) Priority Date :16/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038860
Filing Date :16/06/2010
(87) International Publication No :WO 2010/148114 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MICHAEL KOHLMANN

3)MARK VERNON LANE

4)JOEL BENJAMIN LINSKY

5)VINCENT KNOWLES JONES

(57) Abstract :

An apparatus and method for multiple wireless service coexistence comprising: engaging a first switch to connect a first service transmitter to an antenna through a first filter path and to disconnect a first service receiver from the antenna; engaging a second switch to connect a second service receiver to the antenna through a second filter path and to disconnect a second service transmitter from the antenna; enabling transmit power control on the first service transmitter; and performing one or both of the following: a) transmitting a first service transmit signal through the first filter path to the antenna with high rejection of the band of a second service; b) receiving a second service receive signal through the second filter path from the antenna with high rejection of the band of a first service.

No. of Pages : 80 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9164/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : A METHOD AND APPARATUS FOR DISPATCHING A CHANNEL QUALITY INDICATOR FEEDBACK IN MULTICARRIER SYSTEM

(51) International classification :H04L1/00
(31) Priority Document No :61/186392
(32) Priority Date :11/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038424
Filing Date :11/06/2010
(87) International Publication No :WO 2010/144875 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JELENA DAMNJANOVIC
2)JUAM MONTOJO
3)WANSI CHEN
4)PETER GAAL

(57) Abstract :

In accordance with one or more aspects and corresponding disclosure thereof, various aspects are described in connection with channel quality indicator (CQI) feedback in connection with one or more downlink carriers. An anchor carrier scheme is employed to provide channel quality indicator (CQI) feedback of one or more downlink carriers. An indication is set to identify that a designated uplink carrier is used to convey the CQI feedback. An uplink carrier is selected from a set of uplink carriers as an anchor carrier to convey the CQI feedback. CQI feedback is transmitted for one or more downlink carriers using the designated carrier.

No. of Pages : 38 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9165/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : RESOURCE MANAGEMENT FOR A WIRELESS DEVICE

(51) International classification :H04W28/02
(31) Priority Document No :61/187,082
(32) Priority Date :15/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038735
Filing Date :15/06/2010
(87) International Publication No :WO 2010/148035 A3
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)KEVIN S. SELTMANN
3)SRINIVASAN BALASUBRAMANIAN
4)AJITH T. PAYYAPPILLY
5)SULI ZHAO

(57) Abstract :

Techniques for managing resources on a wireless device are described. In an aspect, congestion of resources on the wireless device may be detected. If any resources are deemed to be congested, then congestion of the congested resources may be relieved by controlling utilization of the congested resources by at least one client. In one design, flow control may be performed for at least one data flow to relieve congestion of the congested resources. A pattern indicative of when to send messages enabling data transmission and when to send messages disabling data transmission may be selected. Messages may then be sent in accordance with the pattern to control transmission of data for the at least one data flow. Another pattern with a higher ON fraction or a lower ON fraction may be selected based on usage of the congested resources.

No. of Pages : 37 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9166/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DYNAMIC AND DUAL ANTENNA BLUETOOTH (BT)/WLAN COEXISTENCE

(51) International classification :H04W88/06
(31) Priority Document No :61/187,573
(32) Priority Date :16/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038841
Filing Date :16/06/2010
(87) International Publication No :WO 2010/148100 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)JOEL BENJAMIN LINSKY

5)VINCENT KNOWLES JONES

6)ALIREZA RAISSINIA

7)GOPAL CHILLARIGA

8)ERIC Y. TSOU

(57) Abstract :

An apparatus and method are disclosed for effectively and efficiently arbitrating concurrent usage between WLAN and Bluetooth access technologies for co-located wireless devices. A state level arbiter determines state and relevant parameters of a WLAN module and of a Bluetooth module of a wireless transceiver unit. The state level arbiter uses the state and relevant parameters to determine which access technology (WLAN or Bluetooth) or combination of the access technologies (WLAN or Bluetooth) will provide the best concurrent performance for wireless transmissions at a given time for specific Bluetooth states and WLAN states.

No. of Pages : 44 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9180/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROCESSING REMOTE RECHARGE

(51) International classification :H04M 17/00
(31) Priority Document No :200910149125.X
(32) Priority Date :16/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/072934
Filing Date :19/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Dawei QI
2)Haichao YANG
3)Wanxia MA

(57) Abstract :

The present invention discloses a method and system for processing remote recharge. In the scheme of the present invention, when the remote recharge is performed, whether a voucher card password for the current recharge is identical with a voucher card password for which successful recharge has been confirmed is determined, and if yes, the recharge for the user is rejected; otherwise, recharge operation is performed for the user. Further, after the recharge is performed successfully for the user, the voucher card password for the current successful recharge is stored. Based on remote recharge of intelligent services, the present invention can effectively avoid the phenomenon of one card multiple recharges in the remote recharge for the user by optimizing service logic of the remote recharge of the intelligent services without adding any network equipment. Even if the VC fails to modify the voucher card state due to abnormalities in signaling links or databases, as long as the corresponding user uses the same voucher card to perform recharge next time, it can be determined that the voucher card password for the current recharge for the user is identical with the voucher card password for the previous successful recharge, and the recharge for the user will be rejected.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9182/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND COMMUNICATION SYSTEM FOR IMPLEMENTING ADJUSTMENT OF UPLINK ADAPTIVE CODING MODE

(51) International classification :H04W 24/10
(31) Priority Document No :200910254391.9
(32) Priority Date :22/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073587
Filing Date :04/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZTE CORPORATION
Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China
(72)**Name of Inventor :**
1)Jianfeng HE
2)Shu LI
3)Suyu ZHU

(57) Abstract :

A method for implementing adjustment of an uplink adaptive coding scheme, a communication system and a server are disclosed. The method includes: a server measuring a coding scheme with a highest transmission rate under different wireless qualities respectively; collecting measurement report samples reported by a base station under the different wireless qualities and corresponding coding schemes with the highest transmission rate; analyzing a distribution of the measurement report samples, and making a corresponding coding scheme adjustment table for the corresponding coding scheme with the highest transmission rate under the different wireless qualities respectively based on an analysis result; when receiving the measurement report reported by the base station, selecting an appropriate coding scheme in the coding scheme adjustment table corresponding to a current coding scheme based on the measurement report, then sending the selected coding scheme to a terminal. The above method, communication system and server can fix the coding scheme as the proper coding scheme under the current wireless quality as possible, thus ensuring that the upload rate of the packet service is not affected.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9192/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : SYSTEM APPARATUS AND METHOD FOR PREPARING A BEVERAGE

(51) International classification :A47J 31/36

(31) Priority Document No :09163013.7

(32) Priority Date :17/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/NL2009/050819

Filing Date :30/12/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)RALF KAMERBEEK

2)ANGENITA DOROTHEA POST VAN LOON

3)HENDRIK CORNELIS KOELING

(57) Abstract :

System for preparing predetermined quantity of beverage suitable for consumption using an extractable product comprising a first exchangeable capsule (102) being a closed capsule (102) having a bottom (107); a second exchangeable capsule (2) being an open capsule having a bottom (7) comprising an entrance filter (15); a first apparatus (104) comprising a receptacle (3) with support surface (24) for holding a first capsule (102) the first apparatus (104) having bottom piercing means (112) intended for piercing the bottom (107) of the first capsule (102) and having a fluid dispensing device (5) for supplying an amount of a fluid such as water under pressure to the first capsule (102); a second apparatus (4) comprising a receptacle (3) with a support surface (24) for holding a second capsule and a fluid dispensing device (5) for supplying an amount of a fluid such as water under pressure to the second capsule (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9194/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : APPARATUS AND METHOD FOR DETERMINING SPEED OF AN INDUCTION MOTOR

(51) International classification	:G01P 3/44	(71) Name of Applicant :
(31) Priority Document No	:0908112.6	1)Raymond John PETO
(32) Priority Date	:12/05/2009	Address of Applicant :Westfield House Puncknowle
(33) Name of priority country	:U.K.	Dorchester Dorset DT2 9BP United Kingdom
(86) International Application No	:PCT/GB2010/000940	(72) Name of Inventor :
Filing Date	:12/05/2010	1)Raymond John PETO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an apparatus and method for determining the speed of a motor generator or alternator more particularly for determining the speed of an alternating current (AC) induction motor. The invention overcomes problems associated with previous devices by providing a speed monitoring device that is readily retrofitted to an existing motor and comprises: a means for superimposing a test signal onto an input voltage which voltage in use is applied to at least one winding of the stator of a motor (the test signal is at a frequency substantially equal to the rotor frequency); a means for varying the frequency of the test signal so that it varies from a minimum frequency to a maximum frequency; and a current monitor for monitoring a resultant current in said at least one stator winding; and deriving from said resultant current a signal indicative of the rotor frequency.

No. of Pages : 38 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9196/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD FOR DETERMINING MODULATION AND CODING SCHEME OF MULTIMEDIA BROADCAST MULTICAST SERVICE AND SYSTEM THEREOF

(51) International classification :H04W 28/00
(31) Priority Document No :200910203764.X
(32) Priority Date :12/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/076307
Filing Date :30/12/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Hengxing ZHAI
2)Jianxun AI

(57) Abstract :

A method for determining a modulation and coding scheme (MCS) of multimedia broadcast multicast services (MBMSs) is disclosed in the present invention. The method comprises: a multimedia broadcast multicast coordination entity (MCE) interacting with a base station determining the MCS of the MBMSs according to a service type and/or a quality of service and/or a service priority of the MBMSs. Accordingly a system for determining a MCS of MBMSs is also disclosed in the present invention. The system is used for determining the MCS of the MBMSs according to the service type and/or the quality of service and/or the service priority of the MBMSs. Therefore the present invention can realize to flexibly adjust the coding scheme and improve the receiving performance of users.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9197/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DSL PERFORMANCE ENHANCEMENT IN A DSL NETWORK

(51) International classification :H04M 11/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2009/049413
Filing Date :01/07/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FLOWERS Mark

3)BRADY Mark

4)TEHRANI Ardavan Maleki

5)GOLDBURG Marc

6)GINIS George

7)SILVERMAN Peter

(57) Abstract :

A Digital Subscriber Line (DSL) Management Center (DMC) coupled to a DSL network includes a data collection module that receives information regarding the DSL network from a plurality of sources. An analysis module is coupled to the data collection module to analyze the received information and issue a command for one or more of a plurality of DSL performance enhancement devices to optimize their operation. A command signal generation module is coupled to the analysis module to receive the issued command from the analysis module and generate a corresponding command signal for transmission to one or more of the DSL performance enhancement devices.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9198/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : EDICAL VALVE WITH IMPROVED BACK-PRESSURE SEALING•

(51) International classification :A61M39/26

(31) Priority Document No :61/219,319

(32) Priority Date :22/06/2009

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

(8) International Application No :PCT/US2010/039333

Filing Date :21/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)William SIOPEs

2)Luis MASEDA

3)Ian KIMBALL

(57) Abstract :

A medical valve transitions between an open mode that permits fluid flow and a closed mode that prevents fluid flow. To that end the medical valve has a housing with an inlet and an outlet a rigid member movably mounted within the housing and a resilient member with a sealing portion. The housing also has at least one relief zone that is in fluid communication with the outlet when the valve is in the closed mode. The rigid member may have a proximal end a distal end and a flow channel. The relief zone may be radially outward from the sealing portion. The sealing portion may seal the valve and prevent fluid from passing through the valve when in the closed mode.

No. of Pages : 42 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9200/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : WASHABLE RFID DEVICE FOR APPAREL TRACKING

(51) International classification	:G06K 19/07
(31) Priority Document No	:12/489,521
(32) Priority Date	:23/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039562
Filing Date	:23/06/2010
(87) International Publication No	:WO 2011/005550 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)ISABELL, MICHAEL, J.

(57) Abstract :

A radio frequency identification (RFID) device including: a circuit provisioned to communicate an identification code to an RFID reader; a first antenna oper-atively connected to the circuit; and a radiating structure inductive coupled to the first antenna.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.921/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : VARIABLE-SPEED POWER GENERATOR AND METHOD OF CONTROLLING THE SAME•

(51) International classification :H02P 9/00
(31) Priority Document No :2010-008177
(32) Priority Date :18/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050478
Filing Date :13/01/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)WAKASA Tsuyoshi
2)YASUGI Akira
3)MATSUSHITA Takatoshi
4)NAKA Takehiro
5)NAKASHIMA Takumi

(57) Abstract :

Reactive power is supplied in accordance with a reactive-power supply instruction from a power grid while ensuring a variable-speed range of a wound-rotor induction generator. A variable-speed power generator (1) includes a prime mover that generates motive power by using natural energy; an electric generator (6) that includes a stator having a primary winding and a rotor having a secondary winding, the stator and the rotor being connected to a power grid (2), and that generates electric power based on the motive power generated by the prime mover; and a power converter (17) connected to the stator and the rotor, wherein the power converter (17) does not supply reactive power to the power grid (2), and wherein the variable-speed power generator (1) includes a power-converter controller (21) that causes the electric generator (6) to operate at a rotation speed set to be higher than or equal to a synchronous speed and increases reactive power supplied to the power grid (2) when a reactive-power supply instruction for supplying reactive power to the power grid (2) is obtained from the power grid (2).

No. of Pages : 47 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9217/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : EVOLVING ALGORITHMS FOR TELECOMMUNICATIONS NETWORK NODES BY GENETIC PROGRAMMING

(51) International classification :G06N3/12
(31) Priority Document No :09290436.6
(32) Priority Date :11/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/003632
Filing Date :04/06/2010
(87) International Publication No :WO 2010/142464
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)HO, LESTER, TSE, WEE
2)SAMUEL, LOUIS, GWYN
3)CLAUSSEN, HOLGER
4)ASHRAF, IMRAN

(57) Abstract :

A method is provided of evolving algorithms for network node control in a telecommunications network node by updating a model of the network node, and genetic programming by (a) generating algorithms, (b) determining fitness level of the algorithms based on the model of the network node, and (c) selecting the algorithm that meet a predetermined fitness level, The steps (a), (b) and (c) are repeated automatically to provide a series of algorithms over time adapted to the changing model of the network node for possible implementation in the network node.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9177/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : SYSTEMS APPARATUS AND METHODS FOR COMMUNICATING DOWNLINK INFORMATION

(51) International classification :H04W 72/04

(31) Priority Document No :61/185,727

(32) Priority Date :10/06/2009

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

(86) International Application No :PCT/US2010/038212

Filing Date :10/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

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2)WEI Yongbin

3)MALLADI Durga Prasad

(57) Abstract :

Systems and methods facilitating communication of downlink information are provided. In one embodiment a method can include receiving a signal indicative of a base station enabling or disabling a function wherein the function is configured to transmit information carried in control channels using selected downlink information; receiving the selected downlink information at one or more locations; and determining a resource allocation of at least one of paging information or system information or unicast data information based at least on the selected downlink information. The determining can be performed without decoding control channels corresponding to the selected downlink information in response to receiving a signal indicative of the function being enabled.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9178/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : COEXISTENCE MANAGER FOR CONTROLLING OPERATION OF MULTIPLE RADIOS

(51) International classification :H04W 88/06

(31) Priority Document No :61/182,946

(32) Priority Date :01/06/2009

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

(86) International Application No :PCT/US2010/036873

Filing Date :01/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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1)WIETFELDT Richard D.

2)CHRISIKOS George

(57) Abstract :

Techniques for performing radio coexistence management to control operation of multiple radios to achieve good performance are described. In one design, an entity (e.g., a coexistence manager or a radio controller) may receive inputs from one or more radios among multiple radios operating concurrently. An input from a radio may indicate a planned operating state or planned activity of the radio in an upcoming time interval. The entity may determine controls for at least one radio based on the received inputs and a database of performance versus operating states to mitigate interference caused or observed by each of the at least one radio. The control for a radio may indicate a selected operating state or selected setting for at least one configurable parameter for the radio in the upcoming interval. The entity may send the controls to the at least one radio. Each radio may operate in accordance with its control.

No. of Pages : 57 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9225/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : SOUND REPRODUCING APPARATUS SOUND REPRODUCING METHOD AND PROGRAM

(51) International classification :H04R3/04
(31) Priority Document No :2009-131318
(32) Priority Date :29/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/058994
Filing Date :27/05/2010
(87) International Publication No :WO 2010/137650
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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KU, OSAKA-SHI, OSAKA 545-8522 Japan
(72)**Name of Inventor :**
1)FUJII, OSAMU

(57) Abstract :

When sound is reproduced, the sound is controlled so as to be heard in the optimal state for the hearing function specific to elderly people. Disclosed is a sound reproducing apparatus which comprises a frequency characteristic setting means for setting the frequency characteristics of an inputted sound signal, and a volume setting means for variable controlling the volume when the sound signal is outputted by sound. The frequency characteristic setting means changes a frequency characteristic in which a sound band including a human voice band is emphasized to a frequency characteristic in which the characteristics of a gain in accordance with a frequency gradually becomes flat with an increase in the volume set by the volume setting means. As a result, the frequency band of the human voice is strongly emphasized in a relative manner so as to help even elderly people hear the human voice at a low volume, and, as the volume grows higher, a frequency characteristic is changed to a flatter frequency characteristic, thereby making it possible to output easy-to-hear sound while reducing inconvenience caused by the emphasis of a specific frequency band.

No. of Pages : 58 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.923/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :21/04/2009

(43) Publication Date : 24/05/2013

(54) Title of the invention : AN INSULATOR COMPRISING FIELD REDUCTION ELECTRODES TO IMPROVE POLLUTION FLASHOVER STRENGTH AND METHODS THEREOF

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF SCIENCE
(32) Priority Date	:NA	Address of Applicant :BANGALORE - 560 012 Karnataka
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUBBA REDDY BASAPPA
(87) International Publication No	: NA	2)UDAYA KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to development of the novel field reduction electrodes both for normal and anti-fog type disc insulators and describes a method for improving the flashover strength of ceramic/porcelain disc insulators/insulator strings significantly under polluted conditions. The field reduction elements/electrodes are developed to reduce the maximum field around the pin region. The method is adopted either at the time of manufacture of the insulators or for retro-fitting to the existing insulators in service.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.924/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : COMMUNICATION SYSTEM, STATION-SIDE OPTICAL LINE TERMINATING APPARATUS, USER-SIDE OPTICAL LINE TERMINATING APPARATUS, CONTROL APPARATUS, AND COMMUNICATION METHOD

(51) International classification :H04L12/44
(31) Priority Document No :2010-092120
(32) Priority Date :13/04/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/059054
Filing Date :12/04/2011
(87) International Publication No :WO 2011/129318
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
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2)TANAKA, MASAKI
3)ITO, DAISUKE

(57) Abstract :

An optical communication system that connects a plurality of user-side optical line terminating apparatuses (hereinafter referred to as ONUs) to a station-side optical line terminating apparatus (hereinafter referred to as OLT) using a common optical fiber, wherein the ONU as at least a part of the ONUs includes a transceiver having a power saving function for inactivating a transmitting unit while supplying electric power to a receiving unit and a control apparatus that transmits support information of the power saving function to the OLT via the transceiver, and the OLT includes a control apparatus that generates transmission allowance information of upstream communication based on the support information of the power saving function and a transceiver that receives the support information of the power saving function and transmits the transmission allowance information to the ONU.

No. of Pages : 57 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9241/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : NICOTINAMIDE COMPOUNDS USEFUL AS KINSASE MODULATORS

(51) International classification :A61K 31/438
(31) Priority Document No :61/186,417
(32) Priority Date :12/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038079
Filing Date :10/06/2010
(87) International Publication No :WO 2010/144647 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)LIU, CHUNJIAN
4)DUAN, JINGWU
5)TEBBEN, ANDREW J.

(57) Abstract :

Disclosed are nicotinamide compounds of Formula (I): or stereoisomers or pharmaceutically acceptable salts thereof. Also disclosed are methods of using such compounds in the treatment of at least one Btk associated condition, such as, for example, inflammatory disease, and pharmaceutical compositions comprising such compounds.

No. of Pages : 242 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9244/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : LIQUEFIED NATURAL GAS AND HYDROCARBON GAS PROCESSING

(51) International classification :F25J 3/00
(31) Priority Document No :12/466,669
(32) Priority Date :15/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/034733
Filing Date :13/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WILKINSON John D.
3)HUDSON Hank M.
4)CUELLAR Kyle T.

(57) Abstract :

A process for the recovery of heavier hydrocarbons from a liquefied natural gas (LNG) stream and a hydrocarbon gas stream is disclosed. The LNG feed stream is heated to vaporize at least part of it then expanded and supplied to a fractionation column at a first mid column feed position. The gas stream is expanded and cooled then supplied to the column at a second mid column feed position. A distillation vapor stream is withdrawn from the fractionation column below the mid column feed positions and directed in heat exchange relation with the LNG feed stream cooling the distillation vapor stream as it supplies at least part of the heating of the LNG feed stream. The distillation vapor stream is cooled sufficiently to condense at least a part of it forming a condensed stream.

No. of Pages : 73 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9247/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS OF SLEEP MODE OPERATION

(51) International classification :H04B7/26
(31) Priority Document No :61/220586
(32) Priority Date :26/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/004154
Filing Date :25/06/2010
(87) International Publication No :WO 2010/151081 A3
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PARK, GIWON
2)KIM, YONGHO
3)RYU, KISEON

(57) Abstract :

Disclosed herein relates to a sleep mode operation method, and the sleep mode operation method according to the present invention may include transmitting a sleep request message for requesting sleep mode switching to a base station; receiving a sleep operating parameter including a sleep cycle and a listening window from the base station; referring to the sleep operating parameter to switch, to a sleep mode; receiving a traffic indication message indicating that generated from the base station; receiving traffic from the base station during the listening window while at the same time operating a timer; and early terminating the listening window to enter into a sleep window if me timer operation is paired according to the traffic reception prior to terminating the listening window.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9258/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : SUSPENSION COMPOSITION AND METHOD OF PREPARING THE SAME

(51) International classification :A01N25/00
(31) Priority Document No :61/186,734
(32) Priority Date :12/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038329
Filing Date :11/06/2010
(87) International Publication No :WO 2010/144812 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

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2)CAPRACOTTA, MICHAEL, D.

(57) Abstract :

A suspension composition and a method of preparing the suspension composition are provided herein. The suspension composition comprises a continuous aqueous phase (a), a substance (b) that is capable of transport through the aqueous phase thereby resulting in Ostwald ripening of the substance in the suspension composition, and a dispersing agent (c). The dispersing agent comprises the reaction product of at least one monomer (i) and at least one additional monomer (ii). The at least one monomer (ii) is represented by the general formula (I): wherein R is hydrogen, an alkyl group or an aryl group; R1 is an alkyl group having at least 2 carbon atoms; k is 2 to 4; and n is at least about 10. The at least one additional monomer (ii) has unsaturated functionality and contains at least one carbonyl group. The dispersing agent is present in the suspension composition in an amount that is sufficient to limit Ostwald ripening of the substance (b) in the suspension composition.

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9281/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD FOR HANDLING COMMUNICATION BETWEEN A USER EQUIPMENT AND A RADIO NETWORK CONTROLLER AND PROGRAM FOR CONTROLLING A RADIO NETWORK CONTROLLER

(51) International classification :H04W36/08
(31) Priority Document No :09008533.3
(32) Priority Date :30/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/003616
Filing Date :16/06/2010
(87) International Publication No :WO 2011/000475
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)JEREMY BRAY

(57) Abstract :

The present invention provides a method for handling communication between a user equipment and a radio network controller of an UMTS (Universal Mobile Telecommunications System) radio access network comprising the steps of providing a transmission instruction by the radio network controller for redirecting the user equipment to a certain target carrier frequency, evaluating if the target carrier frequency is interfered by a local access radio network near the user equipment and preventing a redirection of the user equipment to the target carrier frequency by the radio network controller for a certain time period, if the target carrier frequency is interfered by the local access network near the user equipment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9286/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : DATA PRIORITIZATION FOR A POWER LIMITED UE IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04L1/18
(31) Priority Document No :61/186,326
(32) Priority Date :11/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038410
Filing Date :11/06/2010
(87) International Publication No :WO 2010/144864 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WANSHI CHEN
3)JUAN MONTOJO
4)PETER GAAL

(57) Abstract :

Techniques for transmitting data by a power-limited user equipment (UE) in a wireless communication system are described. The UE may transmit data of different types on one or more carriers and may be power limited. In some aspects, the UE may prioritize the data to transmit based on the priorities of the different data types, the priorities of carriers on which the data is transmitted, and/or other criteria. In one design, the UE may obtain data to transmit on at least one carrier for the uplink. The UE may determine that it is power limited for transmission on the at least one carrier. The UE may prioritize the data to transmit based on at least one criterion. The UE may allocate its available transmit power to the prioritized data and may transmit the prioritized data at the allocated transmit power.

No. of Pages : 44 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9287/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : SWITCHING BETWEEN MIMO AND RECEIVER BEAM FORMING IN A PEER TO PEER NETWORK

(51) International classification :H04B7/08
(31) Priority Document No :12/477363
(32) Priority Date :03/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/037338
Filing Date :03/06/2010
(87) International Publication No :WO2010/141786 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)XINZHOU WU
3)THOMAS RICHARDSON
4)PRAMOD VISHWANATH
5)JUNYI LI
6)SAURABH TAVILDAR

(57) Abstract :

Aspects describe different multiple antenna techniques that can be utilized in a peer-to-peer network based on a network congestion level. A MIMO scheme where a transmitter sends to a receiver multiple spatial streams at substantially the same time in the same traffic segment can be utilized when network congestion level is low. A receiver beam forming scheme where transmitter sends a single stream in a traffic segment and receiver uses multiple receive antennas to maximize signal to noise ratio can be utilized when network congestion level is high. The connection pair (transmitter and receiver) occupy more control resources in the MIMO scheme than the receiver beam forming scheme. The decision related to which technique to utilize can be made at about the same time as a communication is initiated. Further, if network conditions change during a communication, the antenna technique that is utilized can be switched to a different technique during the communication exchange.

No. of Pages : 57 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.929/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : MTHOD AND APPARATUS FOR PHYSICAL UPLINK CONTROL CHANNEL (PUCCH) RESOURCE MAPPING WITH TRANSMIT DIVERSITY

(51) International classification :H04B7/06
(31) Priority Document No :61/230,666
(32) Priority Date :31/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043843
Filing Date :30/07/2010
(87) International Publication No :WO 2011/014735 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
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1)ZHANG XIAOXIA
2)LUO TAO

(57) Abstract :

Certain aspects of the present disclosure relate to techniques for control channel resource mapping with transmit diversity. In an aspect, a method for wireless communications is provided with includes transmitting a signal associated with a downlink control channel, where the downlink control channel spans at least one group of resource elements (REs), and the group of REs indicates a first orthogonal resource to be used by a user equipment (UE). The method also includes signaling a second orthogonal resource to be used by the UE.

No. of Pages : 48 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.930/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : DYNAMIC SELECTION OF RANDOM ACCESS CHANNEL CONFIGURATIONS

(51) International classification :H04W74/08
(31) Priority Document No :61/231,890
(32) Priority Date :06/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044176
Filing Date :02/08/2010
(87) International Publication No :WO 2011/017281 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)CHEN WANSHI
2)ZHANG XIAOXIA

(57) Abstract :

Systems and methodologies are described that facilitate dynamic selection of a random access channel configuration. Typically, a single random access channel configuration is utilized throughout a cell; however, the configuration employed, while appropriate for some mobile devices within the cell, can introduce unnecessary overhead for other mobile devices. A mobile device can measure a characteristic of a radio link between the mobile device and a base station. The measurement can be compared to a set of thresholds provided by the base station. Based upon the comparison, a random access channel configuration can be selected from a set of formats. The selected configuration can be utilized to initiate random access procedures.

No. of Pages : 53 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9302/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : NOVEL METHOD AND FORMAT OF PLAYING CRICKET

(51) International classification	:G06Q 50/00	(71) Name of Applicant :
(31) Priority Document No	:1651/CHE/2009	1)NARSIMHAN CHARATH
(32) Priority Date	:13/07/2009	Address of Applicant :A3, SULLIVAN APARTMENTS,
(33) Name of priority country	:India	OLD NO.22, NEW NO.37 SULLIVAN GARDEN 1ST LANE,
(86) International Application No	:PCT/IN2010/000462	MYLAPORE, CHENNAI 600 004 Tamil Nadu India
Filing Date	:08/07/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)NARSIMHAN CHARATH
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention presents a novel method of playing cricket in which, two teams play each other in a game with each team playing two innings in one match, with a total specified maximum number of overs from about thirty overs to about sixty overs for each team across both their innings. Further, each team can choose to play any number of overs between a specified number of minimum and maximum overs for its first innings and the balance of the total number of overs as its second innings. These and other variations and preferred embodiments of the invention are explained in the detailed application and the claims thereof. The new method will enable a much more tactically complex and well balanced form of the game to be played, yet within a time period of upto a day adding to spectator and player interest and commercial value.

No. of Pages : 12 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9308/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : IMPROVED MAINTENANCE OF WIRELESS FIELD DEVICES

(51) International classification :H04L29/06
(31) Priority Document No :61/178,757
(32) Priority Date :15/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/034889
Filing Date :14/05/2010
(87) International Publication No :WO 2010/132761 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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3)DEWEY, ALAN, R.
4)RUSSELL III, ALDEN, C.
5)ROTVOLD, ERIC, D.

(57) Abstract :

A method (200) of commissioning a wireless field device (50) is provided. The method (200) includes communicatively coupling (202) a handheld field maintenance tool (100) to the wireless field device (50) to obtain a wireless field device identifier (204). A wireless network is selected. Wireless communication is generated between the handheld field maintenance tool (100) and a wireless gateway (20) to automatically obtain a join key (208) for the wireless field device identifier. The join key is written (210) to the wireless field device (50) with the handheld field maintenance tool (100).

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9315/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING PRESENCE INFORMATION OF THE USER TERMINAL IN COMMUNICATION NETWORK

(51) International classification :H04L12/58
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2009/072308
Filing Date :17/06/2009
(87) International Publication No :WO 2010/145073 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)ZHI WANG

(57) Abstract :

In order to solve the problem in the prior art that presence information can not be correctly displayed according to the actual source of presence information in case of such as call forward, the present invention provides a method and device in a network server for controlling presence information of a first user equipment. The method comprises: receiving instruction information, wherein the instruction information is used for indicating to display presence information of the first user equipment as presence information of a second user equipment; obtaining presence information of the second user equipment; providing presence information of the second user equipment to an observer subscribing to presence information of the first user equipment, so that presence information of the first user equipment, to which the observer subscribes, is displayed as presence information of the second user equipment. Using the solution of the present invention, the relocation for presence information of a user equipment can be achieved, which enables the user to show his presence information to other users subscribing to his presence information more flexibly.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.932/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : RESOURCE SELECTION FOR DUAL RADIO TERMINALS

(51) International classification :H04W36/00
(31) Priority Document No :61/234,241
(32) Priority Date :14/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045649
Filing Date :16/08/2010
(87) International Publication No :WO 2011/020110 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KITAZOE MASATO

(57) Abstract :

Systems, methods and apparatus described herein include features that enable dual radio access. In one embodiment, the access point directs an access terminal through sequential measurements, which are selected by the access point based on the radio access capability of the access terminal, service preferences of the user and measurement reports. In a complementary method, an access terminal obtains the sequential measurements chosen by the access point. In another embodiment, the access point directs an access terminal through a set of measurements, which are selected by the access point based on the radio access capability of the access terminal and service preferences of the user. In another embodiment, an access terminal selects which subset of measurements to obtain based on the radio access capability of the access terminal and optionally service preferences of the user.

No. of Pages : 60 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9328/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : RECEIVER AND RECEIVER CONTROL METHOD

(51) International classification :H04N7/173
(31) Priority Document No :2009-132254
(32) Priority Date :01/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059018
Filing Date :27/05/2010
(87) International Publication No :WO 2010/140535
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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(57) Abstract :

To provide a receiver which, by a simple process and in consideration of purpose of use of an electronic program guide, reduces the data size of program guide information to be stored in a storage device, a television broadcast receiver (1) of the present invention receives EPG data and records it in a memory (28). The EPG data includes broadcasting period information indicating, for each program individually manageable by the receiver (1), the broadcasting time length of the program. The receiver (1) includes: a storage target selecting section (52) that selects, by referring to the broadcasting period information of the each program included in EPG data received, a program having a broadcasting time whose length falls within a predetermined range, and generates adjusted EPG data (60) including the selected program; and (ii) an EPG data recording section (54) that records the generated adjusted EPG data (60) in the memory (28).

No. of Pages : 59 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.933/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR PROVIDING FEEDBACK IN AN ENHANCED UPLINK NETWORK

(51) International classification :H04W28/22
(31) Priority Document No :61/231,848
(32) Priority Date :06/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044799
Filing Date :06/08/2010
(87) International Publication No :WO 2011/017675 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)SAMBHWANI SHARAD DEEPAK
4)AGARWAL RAVI

(57) Abstract :

Various processing options and systems are provided for setting/controlling feedback indicators referred to as Happy Bits in a wireless communication network using multiple uplink carriers. In one aspect, a Happy Bit is determined independently for each one of a plurality of uplink carriers based on channel conditions and buffer lengths for the respective carrier. For example, if a UE is transmitting the maximum data allowed by its serving grant for that carrier, the UE has available power to increase the data rate on that carrier, and the TEBS delay is greater than a certain threshold, then the Happy Bit for that carrier may be set to Unhappy to inform the Node B that the UE is capable of transmitting at a higher data rate on that carrier.

No. of Pages : 53 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9339/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR REDUCED POWER AMPLIFIER TRANSMISSION

(51) International classification :H04W52/02
(31) Priority Document No :12/488,431
(32) Priority Date :19/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2010/059885
Filing Date :04/06/2010
(87) International Publication No :WO 2010/147051
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)M. KOWALSKI, JOHN
4)CHOUDHURY, SAYANTAN

(57) Abstract :

A user equipment (UE) that supports multiple antenna transmission via multiple power amplifiers may operate in a reduced power amplifier (PA) mode. When operating in the reduced PA mode, a subset of the UE's power amplifiers are used to transmit uplink signals. A UE may send a preference signal to an e-Node B to request that the UE operate in the reduced PA mode.

No. of Pages : 49 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.934/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR HANDLING POLICY AND CHARGING CONTROL RULE OR QUALITY OF SERVICE RULE MODIFICATION FAILURES

(51) International classification :H04L29/06
(31) Priority Document No :61/232,729
(32) Priority Date :10/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045097
Filing Date :10/08/2010
(87) International Publication No :WO 2011/019773 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)SONG OSOK
4)MAHENDRAN ARUNGUNDRAM
CHANDRASEKARAN

(57) Abstract :

Methods and apparatuses are provided that facilitate handling failures in policy rule installation and/or related bearer modification procedures. A set of modified policy rules can be provided to a gateway for enforcement thereof and/or correlation with a bearer of a device. The gateway can attempt to install the modified rules and can utilize a credit control request (CCR)/credit control answer (CCA) exchange to notify of a status of the modified rule installation and/or related bearer modification. A policy charging and rules function (PCRF) can, thus, determine the status based on the CCR/CCA exchange. If the status indicates failure, the PCRF can revert to previous policy rules. In addition, an application function can be notified of the status.

No. of Pages : 63 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9348/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM AND METHOD, BASE STATION AND USER EQUIPMENT

(51) International classification :H04W16/02
(31) Priority Document No :200910148874.0
(32) Priority Date :17/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/JP2010/059798
Filing Date :03/06/2010
(87) International Publication No :WO 2010/147039
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)HUANG, LEI
2)LIU, RENMAO
3)ZHANG, YINGYU
4)DING, MING

(57) Abstract :

A mobile communication system where a base station and a user equipment communicates on multiple aggregated carriers is disclosed. In the mobile communication system, the base station notifies to the user equipment information which is relevant to inclusion of an information field indicating scheduling carrier in downlink control information format by using radio resource control signaling, and the user equipment receives, from the base station, downlink control information in the downlink control information format according to the information which is relevant to inclusion of the information field indicating scheduling carrier.

No. of Pages : 51 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.935/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : ADAPTIVE TRANSMISSIONS IN COORDINATED MULTIPLE POINT COMMUNICATIONS

(51) International classification :H04L25/02
(31) Priority Document No :61/229,702
(32) Priority Date :29/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043594
Filing Date :28/07/2010
(87) International Publication No :WO 2011/014583 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ZHANG XIAOXIA
4)WEI YONGBIN
5)MONTJO JOUAN
6)LIU KE

(57) Abstract :

Systems and methodologies are described that facilitate adaptively communicating data to wireless devices. An access point can precode a dedicated reference signal (DRS) for transmitting to a wireless device, and the wireless device can receive the precoded DRS. The wireless device can determine the precoder by estimating a channel of the DRS and can provide channel condition feedback to the access point. The access point can create data signals including a single or a burst of data transmissions according to the feedback and can precode the data signals using the same precoder. The wireless device can additionally decode the data signals using the precoder. Moreover, the access point can cycle through precoders according to a patterned, random, pseudo-random, and/or similar sequence.

No. of Pages : 54 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9350/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : FERRITIC STAINLESS STEEL MATERIAL FOR BRAZING AND HEAT EXCHANGER MEMBER

(51) International classification	:C22C 38/00	(71)Name of Applicant :
(31) Priority Document No	:2009-142666	1)NISSHIN STEEL CO. LTD.
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(33) Name of priority country	:Japan	ku Tokyo 100-8366 Japan
(86) International Application No	:PCT/JP2010/060060	(72)Name of Inventor :
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(87) International Publication No	: NA	2)NAKAMURA Sadayuki
(61) Patent of Addition to Application Number	:NA	3)HORI Yoshiaki
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A ferritic stainless steel material for brazing having partially recrystallized structure and composition including in % by mass C:0.03% or less Si: more than 0.1 to 3% Mn: 0.1 to 2% Cr: 10 to 35% Nb: 0.2 to 0.8% N: 0.03% or less if necessary at least one of Mo Cu V and W: 4% or less in total at least one of Ti and Zr: 0.5% or less in total at least one of Ni and Co: 5% or less in total or at least one of Al: 6% or less REM (rare earth metal): 0.2% or less and Ca: 0.1% or less the remainder being Fe and unavoidable impurities wherein area ratio in percentage of recrystallized grains formed by heating after cold working is from 10 to 80%.

No. of Pages : 38 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9357/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : IMPROVED FOR WARD ERROR CORRECTION WITH BIT-WISE INTERLEAVING

(51) International classification	:H04L1/00
(31) Priority Document No	:09305543.2
(32) Priority Date	:15/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058056
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/145974
	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)SAYADI, BESSEM

2)ALLOUM, AMIRA

(57) Abstract :

The present invention improves communication systems by providing a virtual binary erasure channel over a frame-based data exchange infrastructure, through a combination of time diversity mechanisms with bit-based interleaving agents. The interleaving agents are judiciously positioned in the data processing path to provide benefits to the forward error correction functions of the communication system. The invention thus allows for a significant reduction of the complexity of the error correction facilities of a communication system such as a DVB-SH system, by allowing the efficient use of a low-complexity binary based decoder.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.936/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : SHELVING FOR SAFE TRANSPORTATION OF CONCENTRATION SOLAR PANELS

(51) International classification :F24J 2/10
(31) Priority Document No :P 200930522
(32) Priority Date :28/07/2009
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2010/070517
Filing Date :26/07/2010
(87) International Publication No :WO 2011/015700
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)CERON GARCIA, FRANCISCO

2)CORNAGO RAMIREZ, EMILIANO

(57) Abstract :

The invention comprises a frame (1) of bars formed by an upper face, a lower face and lateral faces, and comprises supports that act as a butt to stop the movement of the mirror facets (7), which are conveniently screwed to the face opposite the load face. Inner shelves (2) and outer shelves (3), in the interior of the frame (1), formed by flat structures, are joined to the supports (6), defining cavities (4) wherein the facets (7) are housed. Angle brackets (8) join the outer shelves (2) to the load face, while strips (9) join the inner shelves (3) to at least one adjacent shelf (2, 3). Elastic pads are inserted between the shelves (2, 3) and the strips (9) or angle brackets (8) for the purpose of absorbing small movements. Sealing means in the form of closed profiles are incorporated to prevent the facets (7) from abandoning the frame (1). The facets (7) may be arranged horizontally or vertically.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9360/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : NETWORK SYSTEM, COMMUNICATION TERMINAL, COMMUNICATION METHOD, AND COMMUNICATION PROGRAM

(51) International classification :H04M11/00
(31) Priority Document No :2009-121166
(32) Priority Date :19/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/058372
Filing Date :18/05/2010
(87) International Publication No :WO 2010/134528
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)SUETSUGU, JUNJI
2)KUMAGAI, MASAYUKI
3)AKABANE, TOSHIO
4)SAKAI, TATSUYA

(57) Abstract :

A communication terminal (100A) includes: a communication unit (101 A) for transmitting and receiving data to/from a second terminal (100B) and a third terminal (100C); a memory (1031 A) storing a part of the transmitted and received data; and a control unit (106A) for detecting, using the communication unit, whether the second terminal is in a first state in which the second terminal can exchange first data with the communication terminal and the third terminal or in a second state in which the second terminal cannot exchange the first data with the communication terminal and the third terminal, thereby storing the first data exchanged during the second state in the memory as second data, and for transmitting the second data to the second terminal when a transition from the second state to the first state is detected.

No. of Pages : 91 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9365/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS AND SYSTEM FOR PROCESSING USER IDENTITY INFORMATION IN A GPON SYSTEM•

(51) International classification	:H04L 29/06	(71)Name of Applicant :
(31) Priority Document No	:201010197798.5	1)ZTE CORPORATION
(32) Priority Date	:03/06/2010	Address of Applicant :ZTE Plaza Keji Road South Hi-Tech
(33) Name of prior ty country	:China	Industrial Park Nanshan District Shenzan Guangdong
(86) International Application No	:PCT/CN201 /077358	Province 518057 P.R. China.
Filing Date	:27/09/2010	(72)Name of Inventor :
(87) International Publication No	: NA	1)ZHANG Yangchun
(61) Patent of Addition to Application Number	:NA	2)YANG Donghu
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a method an apparatus and a system for processing user identity information in a GPON system. In this case the method comprises: an optical line terminal OLT determining that a length of a string of user identity information used for an SIP session exceeds a threshold; the optical line terminal OLT constructing an optical network terminal management and control interface OMCI message wherein the OMCI message carries the user identity information used for the SIP session; the optical line terminal OLT sending the OMCI message to an optical network unit ONU or an optical network terminal ONT; and the optical network unit ONU or the optical network terminal ONT acquiring the user identity information from the OMCI message. By virtue of the present invention overlong user identity information of the ONU/ONT end can be set and managed by the OLT end.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.937/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR REFRESHING SINGLE RING ADDRESS OF ETHERNET RING

(51) International classification :H04L12/56
(31) Priority Document No :200910088503.8
(32) Priority Date :30/07/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/074433
Filing Date :14/10/2009
(87) International Publication No :WO 2011/000184 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)BIN WANG

2)SHAOYONG WU

(57) Abstract :

The present invention discloses a method for refreshing a single ring address of an Ethernet ring, which method comprises: achieving address refresh on an on-ring port at one side of a same node by the control of a refresh timer. The present invention further discloses a system for refreshing a single ring address of an Ethernet ring, which system comprises: an address refresh achieving unit configured to achieve address refresh on an on-ring port at one side of a same node by the control of a refresh timer. The method and system of the present invention reduces the number of refreshes of the address forwarding table and improves the efficiency and stability of Ethernet ring protection, thus greatly promoting the performance of the Ethernet ring.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9379/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : RANDOM ACCESS PROCEDURE IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W74/08
(31) Priority Document No :61/187595
(32) Priority Date :16/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038884
Filing Date :16/06/2010
(87) International Publication No :WO 2010/148132 A2
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)LUO TAO

2)WEI YONGBIN

3)MALLADI DURGA PRASAD

(57) Abstract :

An enhanced random access procedure for current and future versions of user equipment communicating with base stations. A random access preamble is transmitted, wherein the random access preamble comprises release version information of a user equipment. A payload portion of a random access response is derived, and a contention resolution message is received.

No. of Pages : 44 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9383/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : OPTIMIZED RESOURCE USAGE WITH NETWORK INITIATED QOS

(51) International classification :H04L12/56
(31) Priority Document No :61/220991
(32) Priority Date :26/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040114
Filing Date :26/06/2010
(87) International Publication No :WO 2010/151850 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)BABBAR UPPINDER S.

(57) Abstract :

A Quality of Service (QoS) interface maps virtual-to-real QoS instances and vice versa in order to make transparent to a network and to user equipment when network-initiated QoS is not supported by both.

No. of Pages : 42 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9384/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : SELECTING A QUALITY OF SERVICE CLASS IDENTIFIER FOR A BEARER

(51) International classification :H04W76/02
(31) Priority Document No :61/219309
(32) Priority Date :22/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039551
Filing Date :22/06/2010
(87) International Publication No :WO 2011/005546 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)SONG OSOK
2)SUBRAMANIAN RAMACHANDRAN

(57) Abstract :

In the event an entity receives a message including an unknown quality of service parameter (e.g., class identifier) for a bearer, the entity may select a quality of service parameter for the bearer from a set of known quality of service parameters. Here, a guaranteed bit rate quality of service parameter may be selected from the set upon determining that the unknown quality of service parameter is associated with a guaranteed bit rate bearer. Conversely, a non-guaranteed bit rate quality of service parameter may be selected from the set upon determining that the unknown quality of service parameter is not associated with a guaranteed bit rate bearer.

No. of Pages : 47 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9385/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : ANALOG INTERFEROMETRIC MODULATOR

(51) International classification :G02B 26/00

(31) Priority Document No :12/485,003

(32) Priority Date :15/06/2009

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

(86) International Application No :PCT/US2010/037658

Filing Date :07/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)**Name of Inventor :**

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2)HONG John H.

3)MIGNARD Marc M.

4)GOVIL Alok

(57) Abstract :

Methods and devices for calibrating and controlling the actuation of an analog interferometric modulator configured to have a plurality of actuation states. Devices and methods for calibrating an analog interferometric modulator to respond as a function of an applied voltage.

No. of Pages : 43 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9387/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : RELAY STATION AND METHOD FOR ADJUSTING OUTPUT OPTICAL SIGNALS OF THE RELAY STATION

(51) International classification :H04B 10/17
(31) Priority Document No :200910092938.X
(32) Priority Date :11/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/076718
Filing Date :08/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)QI Juan
2)SHI Xiaozhong
3)ZHANG Sen

(57) Abstract :

The embodiments of the present invention relate to a relay station and a method for adjusting output optical signals of the relay station. The relay station comprises: a detection control unit an output light stabilization unit a reply stabilization unit an adjustable gain amplification unit and a pump light output unit. The method for adjusting output optical signals of the relay station comprises: adjusting the drive current which drives the pump light generation; adjusting the pilot tone modulation depth of the alternating current signal in which the reply signal is modulated; and ultimately outputting stable output optical signals through disturbed pump light. By respectively adjusting the output optical signals and the pilot tone modulation depth of the alternating current signal in which the reply signal is modulated....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9390/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : PLANTS HAVING ENHANCED YIELD-RELATED TRAITS AND A METHOD FOR MAKING THE SAME•

(51) International classification	:C12N 15/82
(31) Priority Document No	:09163277.8
(32) Priority Date	:19/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058129
Filing Date	:10/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)HATZFELD Yves

2)SANZ MOLINERO Ana Isabel

3)REUZEAU Christophe

4)FRANKARD Valrie

(57) Abstract :

The present invention relates generally to the field of molecular biology and concerns a method for enhancing yield related traits by modulating expression in a plant of a nucleic acid encoding a eRF1 polypeptide. The present invention also concerns plants having modulated expression of a nucleic acid encoding this eRF1 polypeptide which plants have enhanced yield-related traits relative to corresponding wild type plants or other control plants. The invention also provides constructs useful in the methods of the invention.....

No. of Pages : 243 No. of Claims : 145

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9393/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : VORTEX ENHANCED WIND TURBINE DIFFUSER•

(51) International classification :F03D 1/04
(31) Priority Document No :0908355.1
(32) Priority Date :15/05/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/050793
Filing Date :14/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

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(57) Abstract :

A diffuser for a wind turbine where slots in said diffuser wall entrain air to enter into the diffuser with a swirl that is counter to the internal swirl created as a reaction to the turbine blades rotation as it extracts power such that the internal swirl and the externally introduced swirl cross over each other thereby causing vortices to form between them that energizes the internal flow and helps to prevent it from separating from the internal duct wall. Such a diffuser would beneficially consist of a radial array of repeated segments each comprising a radial portion of a duct with a wing emerging from behind said duct leading edge and spiraling out and backwards and connecting back onto the wing of the next segment round such that each segment's wing connects to the trailing neighboring segment wing just as the leading neighbors wing connects onto it, and that a gap is left between the spiral arms to permit external air to flow between the trailing edge of one segment wing and the leading edge of the adjacent wing.

No. of Pages : 27 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.94/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD OF CONVEYING LIQUIDS•

(51) International classification :F04B 15/04
(31) Priority Document No :09165074.7
(32) Priority Date :09/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/ 59627
Filing ate :06/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)PFEFFINGER Joachim

2)GILCHER Willi

3)MORELL J¹/rgen

(57) Abstract :

The present invention relates to a method of continuously conveying a liquid which is used as starting material in a chemical reaction by means of a displacement pump having physically separate forward-transport valves and a liquid-filled bidirectional flow line between displacement pump and forwardtransport valves, wherein an auxiliary liquid which is a product or a starting material of the chemical reaction and has a melting point which is below the melting point or below the saturation temperature of the liquid to be conveyed is present in the bidirectional flow line. The present invention additionally provides for the use of a product formed by hydrogenation of an aromatic compound as auxiliary liquid for conveying an aromatic compound and also the use of an alcohol or an ester derived from alcohol and carboxylic acid as auxiliary liquid for conveying carboxylic acids or carboxylic acid derivatives.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9402/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR NETWORK OPTIMIZATION USING SON SOLUTIONS

(51) International classification :H04W24/02
(31) Priority Document No :61/219,224
(32) Priority Date :22/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039505
Filing Date :22/06/2010
(87) International Publication No :WO 2011/005524 A3
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GRILLI FRANCESCO
3)KITAZOE MASATO
4)FLORE ORONZO
5)WILBORN THOMAS B.

(57) Abstract :

A method, an apparatus, and a computer program product for wireless communication are provided in which a communication event is detected, one or more aspects of the detected communication event are analyzed and at least one of the one or more aspects of the detected communication event is stored on an user equipment in a log.

No. of Pages : 98 No. of Claims : 163

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9409/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : COMMUNICATION SYSTEM AND COMMUNICATION CONTROLLING METHOD

(51) International classification :H04W36/12
(31) Priority Document No :2009-217757
(32) Priority Date :18/09/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/066211
Filing Date :17/09/2010
(87) International Publication No :WO 2011/034173
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TAMURA, TOSHIYUKI
3)SCHMID, STEFAN
4)TALEB, TARIK
5)PUNZ, GOTTFRIED

(57) Abstract :

A communication method in LIPA/ SIPTO architecture is provided which, when a user equipment (UE) is to connect from a serving area to an external network, allows re-selection of an optimal gateway. The communication method allows selecting a gateway apparatus physically or topologically close to a site, where the user equipment is attached.

No. of Pages : 45 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9411/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : BASE TRANSCEIVER STATION AND ASSOCIATED METHOD FOR COMMUNICATION BETWEEN BASE TRANSCEIVER STATION AND USER EQUIPMENTS

(51) International classification :H04B7/04
(31) Priority Document No :09290451.5
(32) Priority Date :15/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/057397
Filing Date :28/05/2010
(87) International Publication No :WO 2010/145929
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)DARTOIS, LUC
2)BETRENCOURT, SAMUEL

(57) Abstract :

The invention relates to a base transceiver station (BTS) for communicating with a plurality of user equipments (UE1, UE2, UE3, UE4, UE5) divided in at least two groups, said base station comprises : - an antenna element arrangement generating at least two shifted static beams (Bi, Bo) with respective down tilts for reaching the user equipments (UE1, UE2, UE3, UE4, UE5) a processing unit (25) connected to said transceiver chains (9) and having means for performing at least two linear complex combinations of up-link digital signals - means for receiving said up-link signals and for selecting per user equipment the appropriate beam based on the quality of said up-link signals in the beam flows (Fi, F0).

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9413/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : PROCESS FOR PREPARING DICHLOROHYDRIN•

(51) International classification :C07C 29/82

(31) Priority Document No :09164486.4

(32) Priority Date :03/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/059326

Filing Date :01/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)VOS Hendrik Jan

3)RENKEMA Eilertdina Henderika

4)TEN KATE Antoon Jacob Berend

(57) Abstract :

The invention relates to a process wherein a stream comprising dichlorohydrin water and HCl is separated into a stream which is rich in dichlorohydrin and low in HCl and an aqueous HCl stream which is low in dichlorohydrin. The process involves the distillation of the mixture comprising dichlorohydrin water and HCl with an amount of water being added before and/or during the distillation such that the water concentration during the distillation is on the line D-E or to the right thereof in the phase diagram of Figure 1.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9415/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : TRANSPARENT&NBSP; WEATHERING-RESISTANT BARRIER FOIL&NBSP; PRODUCTION THEREOF BY MEANS OF LAMINATION&NBSP; EXTRUSION LAMINATION OR EXTRUSION COATING

(51) International classification :B32B 27/30
(31) Priority Document No :10 2009 003 225.8
(32) Priority Date :19/05/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/055660
Filing Date :28/04/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Germany
(72)**Name of Inventor :**
1)NEUMANN Claudius
2)SCHWAGER Florian
3)SEYOUM Ghirmay
4)BEER Ekkehard

(57) Abstract :

The invention relates to a barrier foil wherein a barrier composite (5) consisting of two carrier foils (3) each of which contains an inorganic barrier (4) (SiOx or AlOx) is combined by lamination or extrusion coating with a weather-resistant protective layer (1) wherein a bonding agent is used as an adhesive layer (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9416/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : LIGHT SOURCE DEVICE AND DISPLAY DEVICE PROVIDED WITH SAME

(51) International classification :H01L 33/58
(31) Priority Document No :2009-122464
(32) Priority Date :20/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/058501
Filing Date :20/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHARP KABUSHIKI KAISHA
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Osaka-shi Osaka 545-8522 Japan
(72)**Name of Inventor :**
1)TAKEUCHI Hideto

(57) Abstract :

A light source device and a display device in which a reflecting sheet is assembled without using a screw in such a manner that the reflecting sheet does not rise are provided. A circuit board 2 having a plurality of LEDs 1 mounted on a surface 2a a lens 3 attached to the surface 2a so as to diffuse light emitted from the LEDs 1 and a reflecting sheet 4 having a through hole 41 in the inside of which the lens 3 is disposed and reflecting light emitted from the LEDs 1 at an opposite side of the surface 2a are provided wherein at a peripheral surface of the lens 3 a convex portion 32 is provided for restricting a rising of the reflecting sheet 4 in a direction departing from the surface 2a.

No. of Pages : 56 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9417/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : PEER-TO-PEER TRANSMISSION SYSTEM FOR DATA STREAMS

(51) International classification :H04L 29/08
(31) Priority Document No :10 2009 022 207.3
(32) Priority Date :20/05/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/056826
Filing Date :18/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)GROH Jens
2)HAMMER Matthias
3)ERK Alexander
4)MERKEL Klaus
5)KILGER Sebastin
6)GLBAHAR Mark
7)SEDLMEYER Robert

(57) Abstract :

In a peer-to-peer (P2P) system in each individual transmitting peer (10) the incoming data stream is divided logically and with regard to time into different parts which are buffered in a volatile memory (13) and are transmitted to the receiving peers (20 30) on different paths by means of a peer-to-peer transmission mechanism (40). In a receiving peer (20) the received parts of the subdivided data stream are buffered in a volatile memory (21) and are reassembled into a complete data stream. Further in the receiving peer (20) the parts of the subdivided data stream buffered by the volatile memory (21) are copied into a persistent memory (22) from where they are copied back into the volatile memory (21) at a later point in time if necessary.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9418/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : ANTENNA AND PORTABLE WIRELESS TERMINAL EQUIPPED THEREWITH

(51) International classification :H01Q 1/24
(31) Priority Document No :2009-144904
(32) Priority Date :18/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/001159
Filing Date :22/02/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NISHIKIDO Tomoaki
2)KOYANAGI Yoshio
3)UNO Hiroyuki

(57) Abstract :

Provided is a foldable mobile radio terminal that can be made thinner and smaller requires an antenna to have a broadband characteristic and can offer excellent phone performance in accordance with various conditions of use. The mobile radio terminal assumes a configuration where: electricity is fed to a rotating metal shaft (14) which enables an upper chassis (12) and a lower chassis (11) to freely turn; a matching circuit which matches impedances to 50 O in two or more operating frequency bands is provided; a diameter (L1) of a cross-sectional area of the rotating metal shaft (14) is set to substantially not less than one twentieths of a wavelength

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9419/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : BIOLOGICAL INFORMATION MANAGEMENT DEVICE&NBSP; HEALTH CARE SYSTEM USING BIOLOGICAL INFORMATION MANAGEMENT DEVICE AND METHOD OF READING HEALTH CARE INFORMATION THEREIN&NBSP; AND BIOLOGICAL INFORMATION MANAGEMENT PROGRAM

(51) International classification :A61B 5/00
(31) Priority Document No :2009-123498
(32) Priority Date :21/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/058441
Filing Date :19/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ARIMITSU Yoko

(57) Abstract :

Provided is a system which enables more fulfilled health care closely tied with userTMs daily life and enables a user to execute health care without noticing and whose facility in use is improved. A health care system 1 is set up by biological information obtaining devices 10A and 10B a biological information management device 20 which obtains user authentication by short-distance radio communication from the biological information obtaining device and receives biological information of a user measured and a health care information providing device 30 connected to the biological information management device via a communication network 50 to receive biological information transmitted from the biological information management device generate health care information by processing and transmit the generated information to the biological information management device as a requesting source. To the communication network a health care information intermediating device 40 may be further connected.

No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9420/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : SYSTEM&NBSP; METHOD AND CAPSULE FOR PREPARING A BEVERAGE

(51) International classification :B65D 85/804

(31) Priority Document No :09162994.9

(32) Priority Date :17/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/NL2009/050831

Filing Date :30/12/2009

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

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3)KOELING HENDRIK CORNELIS

4)KAMERBEEK RALF

5)BIESHEUVEL AREND CORNELIS JACOBUS

(57) Abstract :

The invention relates to a system method and capsule for preparing a predetermined quantity of beverage suitable for consumption using an extractable product. The system comprises an exchangeable capsule and an apparatus comprising a receptacle for holding the exchangeable capsule and a fluid dispensing device for supplying a fluid to the exchangeable capsule. The exchangeable capsule comprises a circumferential wall a bottom and a lid. The wall bottom and lid enclose an inner space comprising the extractable product. The bottom comprises an entrance layer for supplying an amount of a fluid by the fluid dispensing device through the entrance layer to the capsule. The lid comprises an exit layer for supplying a prepared beverage through the exit layer from the capsule to a container. The capsule comprises an additional wall element extending towards the inner space for providing additional stiffness.

No. of Pages : 22 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9422/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING AN OPTIMAL LOW FARE FOR A TRIP

(51) International classification :G06Q 10/00

(31) Priority Document No :09305452.6

(32) Priority Date :18/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/056015

Filing Date :04/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)PATOUREAUX Marc

2)DUFRESNE Thierry

3)PAUCHET David

(57) Abstract :

A method for determining an optimal fare for a trip comprising a departure location, an arrival location, the method comprises the following steps: sending a request for the trip wherein the request comprises a departure location, an arrival location and a corresponding fare for the trip; automatically modifying the request by searching in a predetermined database to determine a set of additional requests wherein each comprises at least one of the departure location, the arrival location or one or more additional locations which may form at least a part of the requested route wherein the predetermined database comprises said additional requests and a corresponding fare for each additional request; selecting one or more additional requests to form one or more alternative requests which include at least one of the departure location or the arrival location as the request; calculating the up to date fares for each alternative request in order to determine a resulting fare for each alternative request; comparing the fare and the resulting fares in order to determine the lowest resulting fare for the trip.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9423/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MANAGING THREAD POOL

(51) International classification :G06F 9/46
(31) Priority Document No :200910150745.5
(32) Priority Date :30/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073269
Filing Date :26/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Ping WANG

(57) Abstract :

A method for managing a thread pool, comprising: regularly traversing each thread in the thread pool to monitor the running duration of each thread for performing a current task; and when it is determined according to the monitored running durations that a thread runs overtime, creating a new thread for performing tasks that should be performed by the thread which runs overtime. The invention also provides a system for managing a thread pool. The present invention reduces the time period for performing the tasks in corresponding task lists, and can avoid to a certain degree a huge and long-time overstock of tasks, thereby improving running efficiency of application servers. In addition, by adding task monitoring mechanism, the thread running overtime may be discovered in time, and new threads may be created in time to replace the thread running overtime to perform tasks, thereby providing a thread reproduction mechanism and a fault-tolerance mechanism for the thread pool technology.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9427/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD FOR THE IDENTIFICATION OF MATERIALS IN A CONTAINER

(51) International classification :G01N 23/10

(31) Priority Document No :0908981.4

(32) Priority Date :26/05/2009

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

(86) International Application No :PCT/GB2010/050842

Filing Date :24/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

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Way Sedgefield Durham TS21 3FD United Kingdom

(72)**Name of Inventor :**

1)JOYCE David Edward

2)GIBSON Gary

3)RADLEY Ian

4)SENIOR Martin

(57) Abstract :

Method for the identification of a homogeneous material (e.g. a liquid) in a container (e.g. a bottle) by measuring its X-ray or gamma spectrum and deriving its specific attenuation function. The method comprises building a database of the attenuation functions of empty containers of containers filled with various fluid materials and of the contained fluid materials itself (by subtracting or devoluting the empty-container-attenuation-function from the filled-container-attenuation-function) recording the spectrum of an unknown material in a container and comparing this spectrum to the spectra in the database.

No. of Pages : 44 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9433/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : PREPARATION OF MONTELUKAST

(51) International classification :C07D 215/18
(31) Priority Document No :1453/CHE/2009
(32) Priority Date :19/06/2009
(33) Name of priority country :India
(86) International Application No :PCT/US2010/039010
Filing Date :17/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)Jinna Rajender Reddy
5)Kandirelli Venkata Kiran Kumar

(57) Abstract :
Processes for the preparation of montelukast and its salts.

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9434/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : POLYMERIC CORROSION INHIBITORS•

(51) International classification :C23F 11/173

(31) Priority Document No :09164487.2

(32) Priority Date :03/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/059325

Filing Date :01/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Amersfoort The Netherlands

(72)Name of Inventor :

1)HELLBERG PER-ERIK

(57) Abstract :

The present invention relates to the use of a product obtainable by the reaction of an alkoxyated fatty amine having the formula where R is a hydrocarbyl group having 8-24 carbon atom; each B is independently an alkyl group having 1-4 carbon atoms a benzyl group or the group (AO)nH where A is an alkylene group containing 2-4 carbon atoms preferably 2 carbon atoms; each n is at least 1 and the sum of all n is 2-30; x is 2 or 3; and y is 0-3 preferably 0 or 1; or of a product obtainable by partial or total quaternisation of the alkoxyated fatty amine of formula (I); with a dicarboxylic acid derivative having the formula ...

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9444/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : SYSTEM FOR SECURING SHELF ACCESSORIES TO A SHELF

(51) International classification :A47F5/00
(31) Priority Document No :0900680-0
(32) Priority Date :19/05/2009
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2010/050542
Filing Date :19/05/2010
(87) International Publication No :WO 2010/134883
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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STRAND-S-131 26, Sweden
(72)**Name of Inventor :**
1)LINDEN, HENRIK
2)TORNLUND, JAN

(57) Abstract :

System for securing a shelf accessory to a shelf, comprising a front securing device (20), a rear securing device (30) and a shelf accessory (10) having a front engagement member (11) configured for engagement with the front securing device, as well as a rear engagement member (40) configured for engagement with the rear securing device. The rear securing device comprises a first stop face (32a) and the rear engagement member comprises a second stop face (47), which first and second stop faces are configured to, in mutual contact, prevent the rear engagement member from being disengaged from the rear securing device when the shelf accessory is held substantially parallel with the top side of the shelf, and to allow the rear engagement member to be released from the rear securing device when the front end of the shelf accessory is lifted such that the shelf accessory has assumed an angle to the top side of the shelf.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9446/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : PRINTED CIRCUIT BOARD FOR PROVIDING AMBIENT LIGHT

(51) International classification	:H05K 1/18	(71)Name of Applicant :
(31) Priority Document No	:09160733.3	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:20/05/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA Netherlands
(86) International Application No	:PCT/IB2010/051974	(72)Name of Inventor :
Filing Date	:05/05/2010	1)BRUYNEEL Filip
(87) International Publication No	: NA	2)PEETERS Alfred
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An oblong sized printed circuit board (1) comprises light emitting diode circuitry (2, 3). Parts of the printed circuit board (1) are flexible in at least one direction, to improve a manufacturing efficiency. Preferably, the printed circuit board (1) can make curves in length and width directions and does not require holes for screws. The light emitting diode circuitry (2, 3) may comprise light emitting diode circuits (2) with light emitting diodes and other circuitry (3) such as a driver for driving light emitting diode circuits (2) individually for providing ambient light for a display (5). A device (100) comprising the printed circuit board (1) may further comprise the display (5). Such a device (100) is for example a television receiver / display device / screen device. The printed circuit board (1) may be attached to structures (61, 62) moveable by hand / machine for directing the ambient light. The device (100) may be a roll (101) for rolling up the printed circuit board (1).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.948/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : POLYCRYSTALLINE DIAMOND COMPACT

(51) International classification :C04B 35/52
(31) Priority Document No :0913304.2
(32) Priority Date :31/07/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2010/061144
Filing Date :30/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SCOTT Danny Eugene
2)SCHMITZ Kurtis Karl
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4)CAN Antionette

(57) Abstract :

A polycrystalline diamond (PCD) composite compact element 100 comprising a substrate 130 a PCD structure 120 bonded to the substrate 130 and a bond material in the form of a bond layer 140 bonding the PCD structure 120 to the substrate 130; the PCD structure 120 being thermally stable and having a mean YoungTMs modulus of at least about 800 GPa the PCD structure 120 having an interstitial mean free path of at least about 0.05 microns and at most about 1.5 microns; the standard deviation of the mean free path being at least about 0.05 microns and at most about 1.5 microns. Embodiments of the PCD composite compact element may be for a tool for cutting milling grinding drilling earth boring rock drilling or other abrasive applications such as the cutting and machining of metal.

No. of Pages : 54 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9489/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : ENCODER&NBSP; DECODER&NBSP; ENCODING METHOD&NBSP; AND DECODING METHOD

(51) International classification :G10L 19/00
(31) Priority Document No :2009119776
(32) Priority Date :18/05/2009
(33) Name of priority country :Russia
(86) International Application No :PCT/KR2010/003135
Filing Date :18/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)Gi-Sang LEE
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6)Sergey ZHIDKOV

(57) Abstract :

An encoder includes: a precoder for encoding an input information object according to a preset encoding scheme and storing the encoded information object in a precoder buffer; a sample number/address generation unit for generating a sample number of each sample and an address, which corresponds to each bit of each sample and the address of the precoder buffer; a multiplexer for selecting a bit of the precoder buffer corresponding to the address generated by the sample number/address generation module; a sampling buffer for storing a bit of each sample output from the multiplexer; a control packet generation module for generating a control packet including information on the sample number generated by the sample number/address generation module; a packet assembling unit for assembling the sample stored in the sampling buffer with the control packet generated by the control data generation module; and a modulation module for modulating the packet output from the packet assembling unit into a sound signal according to a preset scheme.

No. of Pages : 29 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.949/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND ARRANGEMENT TO CONTROL AN AC SYSTEM

(51) International classification :H02J 3/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2009/058341
Filing Date :02/07/2009
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)PETERSSON ...ke

(57) Abstract :

An arrangement to control an electrical property of a medium or high voltage AC system comprising a number n of phases (11-13) with n being at least two comprises a number n of phases (14-16) each phase comprising a series connection of at least two electrical elements (17) with an intermediate connection point (18) between each pair of the at least two electrical elements where each of the n phases (14-16) of the arrangement is connected on one side to an original common neutral point (19) and on the other side to one of the n phases (11-13) of the AC system. The arrangement further comprises a number [n-1] of first switchable interconnections (20 21) where the first switchable interconnections are each arranged between two intermediate connection points (18) of two of the n phases (14-16) of the arrangement and at least one control unit (30) arranged to control the first switchable interconnections (20 21) so that the first switchable interconnections (20 21) are closed each between two intermediate connection points (18) of two of the n phases (14-16) of the arrangement thereby interconnecting all n phases of the arrangement and thereby creating a new common neutral point (26) consisting of the closed first switchable interconnections (20 21).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9494/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : COUPLING SYSTEM OF A LIFT CAGE DOOR DRIVE

(51) International classification :B66B 13/08

(31) Priority Document No :09163291.9

(32) Priority Date :19/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/058657

Filing Date :18/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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6052 Hergiswil Switzerland

(72)**Name of Inventor :**

1)CHRISTEN Jules

(57) Abstract :

The invention is based on coupling system (18) of a lift cage door drive (16) comprising a traction means (20) at least one coupling unit (22 24) which can be coupled to the traction means (20) and an adapter element (26) having a first interlock adjustment structure (54) which together with interlock elements (50) of the traction means (20) forms a first interlocked unit (58) wherein the interlocked unit (58) secures a relative position which is settable in defined interlocking adjustment positions of the adapter element (26) with respect to the traction means (20) characterised in that the coupling unit (22 24) comprises a second interlocked unit (60) which secures a relative position which is settable in defined interlocking adjustment positions of the adapter element (26) with respect to the coupling unit (22 24)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9279/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : POWER AND IMPEDANCE MEASUREMENT CIRCUITS FOR A WIRELESS COMMUNICATION DEVICE

(51) International classification	:H04B1/04	(71)Name of Applicant :
(31) Priority Document No	:61/218,836	1)QUALCOMM INCORPORATED
(32) Priority Date	:19/06/2009	Address of Applicant : 5775 MOREHOUSE DRIVE, SAN
(33) Name of priority country	:U.S.A.	DIEGO, CALIFORNIA 92121-1714 U.S.A.
(86) International Application No	:PCT/US2010/039376	(72)Name of Inventor :
Filing Date	:21/06/2010	1)PUAY HOE SEE
(87) International Publication No	:WO 2010/148407 A3	2)GARY JOHN BALLANTYNE
(61) Patent of Addition to Application		3)GURKANWAL SINGH SAHOTA
Number	:NA	4)ARISTOTELE HADJIHRISTOS
Filing Date	:NA	5)ALBERTO CICALINI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Exemplary embodiments disclosed are directed to power and impedance measurement circuits that may be used to measure power and/or impedance are described. A measurement circuit may include a sensor and a computation unit. The sensor may sense (i) a first voltage signal across a series circuit coupled to a load to obtain a first sensed signal and (ii) a second voltage signal at a designated end of the series circuit to obtain a second sensed signal. The sensor may mix (i) a first version of the first sensed signal with a first version of the second sensed signal to obtain a first sensor output and (ii) a second version of the first sensed signal with a second version of the second sensed signal to obtain a second sensor output. The computation unit may determine the impedance and/or delivered power at the designated end of the series circuit based on the sensor outputs.

No. of Pages : 60 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.951/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : LONG ACTING INSULIN COMPOSITIONS

(51) International classification	:A61K 9/06	(71)Name of Applicant :
(31) Priority Document No	:09167017.4	1)Sanofi-Aventis Deutschland GmbH
(32) Priority Date	:31/07/2009	Address of Applicant :Br¼ningstrasse 50 D-65929
(33) Name of priority country	:EPO	Frankfurt am Main Germany
(86) International Application No	:PCT/EP2010061160	(72)Name of Inventor :
Filing Date	:30/07/2010	1)SPROG~E Kennett
(87) International Publication No	: NA	2)CLEEMANN Felix
(61) Patent of Addition to Application	:NA	3)HERSEL Ulrich
Number	:NA	4)KADEN-VAGT Silvia
Filing Date	:NA	5)LESSMANN Torben
(62) Divisional to Application Number	:NA	6)RAU Harald
Filing Date	:NA	7)WEGGE Thomas

(57) Abstract :

The present invention relates to a pharmaceutical composition comprising an insulin compound in a concentration that is sufficient to maintain a therapeutically effective level of the insulin compound in blood plasma for at least 3 days characterized by having a pharmacokinetic profile in vivo with substantially no burst of the insulin compound. The present invention further relates to the use of an insulin compound for preparing said pharmaceutical composition as well as a kit of parts comprising said pharmaceutical composition.

No. of Pages : 109 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9512/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR REALIZING MULTI-PERSON CONVERSATION

(51) International classification :H04L 12/18
(31) Priority Document No :200910088154.X
(32) Priority Date :03/07/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074614
Filing Date :28/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHAO Shiyong
3)ZHAI Jian
4)XIAO Hui

(57) Abstract :

A method apparatus and system for realizing multi-person conversation are disclosed. The method includes: a multi-person conversation window includes a searching window and a client end receives a searching command and searching information through the conversation window in a multi-person conversation process. The searching information is passed to a server by the client end when the client end receives the searching command. The searching result information matched by the server based on the searching information and sent by the server is received by the client end. The received searching result information is displayed on the searching window of the conversation window by the client end. The method enables the combination between multi-person conversation and webpage searching so that the switching between a searching webpage and a conversation window can be avoided and the conversation among multiple persons can be facilitated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9513/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD&NBSP; SYSTEM AND DEVICE FOR TRANSMITTING VIDEO DATA

(51) International classification :H04L 29/02
(31) Priority Document No :200910150593.9
(32) Priority Date :23/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073304
Filing Date :27/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DANG Jianguo
2)DONG Bingjun
3)YANG Min

(57) Abstract :

Embodiments of the invention provide a method system and device for transmitting video data which belong to network communication technologies. The method includes: sending by first and second clients first and second connection requests respectively to a relay server and a Peer to Peer (P2P) server; when a first relay connection between the first client and the relay server is established successfully a second relay connection between the second client and the relay server is established successfully forwarding and transmitting the video data via the relay server; when a first P2P connection between the first client and the P2P server is established successfully a second P2P connection between the second client and the P2P server is established successfully suspending the forwarding and transmitting of the video data via the relay server; directly transmitting by the first and second clients the video data with a P2P mode. With the solution provided by embodiments of the invention, problems, such as low speed of log-on and connection, even without connection, generated when a client adopts the P2P, may be solved. Thus, a user's usage experience is improved.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9498/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : LIQUID SEPARATION FROM ADIPOSE TISSUE

(51) International classification :B01D 17/02
(31) Priority Document No :12/485,619
(32) Priority Date :16/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038701
Filing Date :15/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Michael D. Leach
2)Jason Chavarria

(57) Abstract :

Extracting or removing at least a portion of liquid phase from a whole sample using a centrifugal force is disclosed. Centrifugal forces are used to apply pressure to a whole sample and drive a liquid phase through a passage region that can be perforated and/or porous and maintain a drier portion within a separation container. The whole sample can be dried which includes a remaining sample where excess or a selected amount of liquid is removed. Direct access to the separation container or area can then be made to provide for an efficient withdrawal of the drier material from the separation container.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.950/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : HEAT EXCHANGE ELEMENT A HEAT EXCHANGER COMPRISING THE ELEMENTS AND AN EQUIPMENT FOR THE MANUFACTURE OF THE ELEMENTS

(51) International classification :F28F 21/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/FI2010/050172
Filing Date :08/03/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)RAMM-SCHMIDT Leif

2)GANESARAMAN Arun

(57) Abstract :

The invention relates to a heat exchange element (1) of flexible plastic film material a heat exchanger made up of such elements and an equipment for the manufacture of the elements. The element (1) comprises a pair of opposite film sheets bonded by welds (4 5 6) to form an expandable bag with inside and outside heat exchange surfaces an inlet opening (2) for supplying a pressurized heat exchange fluid to the bag an outlet opening (3) for discharging the fluid from the bag after heat exchange and an array of welds (4 5 6) defining routes for fluid

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.951/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/03/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND SYSTEM OF ELIMINATING PARTIALLY-REDUNDANT ARRAY BOUNDS CHECKS IN AN EMBEDDED JUST-IN-TIME (JIT) COMPILER

(51) International classification	:G06F	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG INDIA SOFTWARE OPERATIONS
(32) Priority Date	:NA	PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No.
(86) International Application No	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
Filing Date	:NA	Bangalore 560093 Karnataka Tamil Nadu India
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ABSAR MOHAMMED JAVED
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for identifying and eliminating partially redundant array bounds checks in DVM JIT compilers is disclosed. The method employs an algorithm that is capable of eliminating array bound checks for complex indices that comprise of a combination of iterators, loop invariants and constants. The method identifies array references that may be hoisted outside the loop for optimization of the checks. Further, a valid expression tree table is constructed for the reference and the partially redundant checks are eliminated by hoisting newly generated check out of the loop. The method optimizes the checks and thereby increases speed of execution.

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.953/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : SUBGLOTTIC SUCTIONING SYSTEM

(51) International classification :A61M 16/04

(31) Priority Document No :12/533,531

(32) Priority Date :31/07/2009

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

(86) International Application No :PCT/IB2010/052927

Filing Date :25/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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2)CESA Joseph A.

3)TEIXEIRA Scott M.

4)SLEVA Michael

5)HERSHEY Adrienne A.

6)BARATIAN Stephen A.

(57) Abstract :

A subglottic suctioning system with a tracheal tube having a ventilation lumen a cuff inflation lumen and a suction lumen are disclosed which may help reduce the incidence of ventilator associated (or acquired) pneumonia. The suction lumen communicates with the space in the trachea above the cuff where secretions accumulate. The suction lumen has a valve on the proximal end for connection to a source of vacuum. The valve is adapted to interrupt the supply of vacuum to the suction lumen to allow for the introduction of a rinsing fluid in its place and to automatically re-establish the connection to the source of vacuum upon completion of rinsing. The rinsing fluid aids in maintaining an open suction lumen and may include medicaments and mucolytic agents to enhance or promote healing or to alter the properties of the mucus to make removal easier. The user may easily and repeatedly alternate suction and rinsing fluid through the suction lumen i.e. the user may pulse the line to loosen break up and remove secretions and deposits that may partially or completely block or clog the suction lumen.

No. of Pages : 43 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9517/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : ILLUMINATING DEVICE AND DISPLAY DEVICE•

(51) International classification :F21S 2 00
(31) Priority Document No :2009-171946
(32) Priority Date :23/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/0563 0
Filing Date :07/04/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ISOBE Hiroaki

(57) Abstract :

An illuminating device (3) includes a mounting board (14) on which a plurality of light emitting diodes (8) are arranged in a line on a light guide plate (9) including a light incident surface (9d) for receiving light of the light emitting diodes (8) and a frame (12) including a side face (12b) to which the mounting board (14) is attached and a bottom face (12d) on which the light guide plate (9) is disposed. The frame (12) includes a groove (1%) in which the end portion of the mounting board (14) is placed and the groove (1%) is formed between the side face (12b) and the bottom face (12d) on the opposite side of the bottom face (12a) from the light guide plate (9). A supporting member (support) (16) for supporting the light guide plate (9) is placed in the groove (1%).

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9519/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING UPLINK POWER IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W52/34
(31) Priority Document No :61/225,868
(32) Priority Date :15/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/004581
Filing Date :14/07/2010
(87) International Publication No :WO 2011/008023 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LEE, WOOK BONG
3)CHO, HAN GYU
4)KWAK, JIN SAM
5)IHM, BIN CHUL
6)LEE, HYUN WOO

(57) Abstract :

A method and apparatus for controlling uplink transmit power in a wireless communication system are disclosed. The method includes determining an uplink transmit power for each of the plurality of transmission channels, and sequentially allocating the determined uplink transmit powers to the transmission channels in a descending order of predetermined priority levels of the transmission channels, within a maximum available transmit power of the user equipment. The priority levels of the transmission channels are predetermined so that control channels, a sounding channel, a data channel, and a bandwidth request channel have priority levels in a descending order.

No. of Pages : 40 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.952/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : A METHOD OF LIMITING THE AMOUNT OF NETWORK TRAFFIC REACHING A LOCAL NODE OPERATING ACCORDING TO AN INDUSTRIAL ETHERNET PROTOCOL

(51) International classification :H04L 12/56

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/058371

Filing Date :02/07/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

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2)WOLD Alexander

(57) Abstract :

A method of limiting the amount of network traffic reaching a local node in an electronic device operating an Ethernet networking protocol and using a network stack comprising at least one physical layer (31)(PHY) and at least one link layer (32) preferably a media access controller (2)(MAC). The electronic device is connected to a communication network the network traffic is filtered and an unwanted data reception is filtered out. Filtering the network traffic takes place during reception. Network traffic is inspected and if an unwanted reception is detected the unwanted data is discarded when it reaches media access controller (MAC) (2) of the network stack of said electronic device. An electronic device functioning as a node embodying aspects of the invention is described and a computer program for carrying out the invention is also described.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9520/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : SELF-DRILLING FASTENING ELEMENT

(51) International classification :F16B25/10
(31) Priority Document No :20 2009 009 651.3
(32) Priority Date :15/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2010/050041
Filing Date :28/06/2010
(87) International Publication No :WO 2011/006491 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)BONGARTZ, ROBERT
2)ESPER, STEPHAN
3)AHLBORN, STEFAN

(57) Abstract :

The invention relates to a self-drilling fastening element (10), comprising a rotationally symmetrical drilling tip (16) and a shaft (14), wherein the cross-section of the drilling tip (16) is bounded by a first radius (R2), the origin (22) of which lies outside the rotational axis (18) of the drilling tip (16) on the side opposite the rotational axis (18), near the drilling tip (16), and a second radius (R1) near the shaft (14), wherein the origin (26) of the second radius (R1) is farther from the rotational axis (18) than the origin (22) of the first radius (R2) and likewise lies on the opposite side of the rotational axis (18). (57) Zusammenfassung: Selbstlochformendes Befestigungselement (10) mit einer rotationssymmetrischen Bohrspitze (16), und einem Schaft (14), bei dem der Querschnitt der Bohrspitze (16) durch einen ersten Radius (R2), dessen Ursprung (22) außerhalb der Rotationsachse (18) der Bohrspitze (16) auf der der Rotationsachse (18) gegenüberliegenden Seite liegt, nahe der Bohrspitze (16) und einen zweiten Radius (R1) nahe dem Schaft (14) begrenzt ist, wobei der Ursprung (26) des zweiten Radius (R1) weiter von der Rotationsachse (18) entfernt ist, als der Ursprung (22) des ersten Radius (R2), und ebenfalls auf der gegenüberliegenden Seite der Rotationsachse (18) liegt.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9534/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM

(51) International classification :H04W72/04
(31) Priority Document No :2009-146295
(32) Priority Date :19/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/003969
Filing Date :15/06/2010
(87) International Publication No :WO 2010/146835
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)SAEGUSA, TAIGA
4)IWANE, YASUSHI

(57) Abstract :

In a mobile communication system according to the present invention, with the separate use of a plurality of component carriers or with the use of a carrier set including the plurality of component carriers aggregated, a base station performs radio communication with a user equipment corresponding to the component carrier or a user equipment corresponding to the aggregated carriers. In particular, in a case where the base station performs radio communication with the user equipment corresponding to the aggregated carriers with the use of the aggregated carriers, each of a plurality of transport blocks created by dividing a transport channel is transmitted per each of the plurality of component carriers constituting the aggregated carriers, and control information related to radio communication between the base station and the user equipment corresponding to the aggregated carriers is transmitted such that physical information of the corresponding component carrier is identifiable. Accordingly, communication control is performed efficiently while improving a communication speed correspondingly to the aggregated carriers.

No. of Pages : 157 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9535/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE AND MANUFACTURING METHOD THEREFOR

(51) International classification :G02F1/1337
(31) Priority Document No :154166/2009
(32) Priority Date :29/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/003061
Filing Date :28/04/2010
(87) International Publication No :WO 2011/001579
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)MASANOBU MIZUSAKI
2)YOUHEI NAKANISHI

(57) Abstract :

An object of the present invention is to provide a liquid crystal display device in which a risk of generation of a image sticking is reduced. A liquid crystal display device (100) of the present invention includes a pair of glass substrates (11) and (21), a liquid crystal layer (30) provided between the pair of glass substrates (11) and (21), an alignment layer (23) provided between the liquid crystal layer (30) and at least one of the pair of glass substrates (11) and (21), and an alignment sustaining layer (24) for defining a direction in which liquid crystal molecules constituting the liquid crystal layer (30) are inclined, the alignment sustaining layer (24) being provided between the alignment layer (23) and the liquid crystal layer (30), the alignment layer (23) and the alignment sustaining layer (24) being covalently bound to each other.

No. of Pages : 126 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9538/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD OF USE OF AN IONIC LIQUID AND DEVICE FOR SORPTION OF A GAS•

(51) International classification :B01D 53/14

(31) Priority Document No :09163831.2

(32) Priority Date :25/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/058856

Filing Date :22/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)KALB Roland

(57) Abstract :

A method of use of an ionic liquid for sorption of a gas having an electric multipole moment is provided wherein the ionic liquid comprises an anion and a non-aromatic cation. In particular the electric multipole moment may be an electric dipole moment and/or an electric quadrupole moment. The sorption may be an adsorption or an absorption. The ionic liquid may be a pure ionic liquid i.e. a liquid substantially only containing anions and cations while not containing other components e.g. water. Alternatively a solution containing the ionic liquid and a solvent or further compound e.g. water may be used.

No. of Pages : 33 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9539/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : RF FINGERPRINTING FOR LOCATION ESTIMATION

(51) International classification :H04W64/00
(31) Priority Document No :12/479,970
(32) Priority Date :08/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/058028
Filing Date :08/06/2010
(87) International Publication No :WO 2010/142692
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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NOBEL, ST. LAURANT, QUEBEC H4S 2A9 Canada
(72)**Name of Inventor :**
1)DAVID BEVAN
2)ILYA AVERIN
3)DENIS LYSYAKOV

(57) Abstract :

The location of a terminal is estimated within an area of coverage of a wireless network comprising at least one fixed node by measuring a complex frequency response of a radio channel between the terminal and one of said fixed nodes and estimating the location of the terminal on the basis of at least a comparison between data representing a first metric of the measured complex frequency response and data representing a plurality of stored metrics, each of said plurality of stored metrics being related to one of a plurality of different locations within the network and each stored metric being of a complex frequency response measured between the said one of said fixed nodes and the location within the network to which the metric relates.

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.954/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : • METHOD FOR SEARCHING FOR AN ENTITY USING A VERIFIER DEVICE AND RELATED DEVICES•

(51) International classification	:H04L 9/00
(31) Priority Document No	:09 55564
(32) Priority Date	:07/08/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051594
Filing Date	:28/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MORPHO

Address of Applicant :27 rue Leblanc F75015 Paris France

(72)Name of Inventor :

1)BRINGER Julien

2)CHABANNE Herve

(57) Abstract :

The invention relates to a method for searching for an entity belonging to a set of entities using a verifier device (1), the verifier device and the entities being arranged so as to exchange information via at least one communication channel (2), each entity of said set of entities having a first respective identifier, from which a plurality of representatives can be obtained. According to said method, a first identification word (mi; p(Xi)), related to an entity (4) for which a search is carried out, is obtained in the verifier device, the first identification word being formed by applying a first encoding function to the first identifier of the entity for which the search is being carried out, so as to depend on a sub-portion of the plurality of representatives that can be obtained from said first identifier, said sub-portion being predetermined by at least one variable parameter (i); and the first identification word, obtained on the communication channel, is transmitted from the verifier device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.957/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : PIPERAZINYL 3-AMINOPYRROLIDINE DERIVATIVES AS A CCR2 ANTAGONIST

(51) International classification :C07D
(31) Priority Document No :10-2009-0063136
(32) Priority Date :10/07/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/003790
Filing Date :11/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)LIM Jee Woong

2)KIM Jong-Hoon

3)OAK Min-Ho

4)NA Yongho

5)OH Youna

6)KANG So-Hee

7)LEE Jung-Ok

8)SOHN Jung-Duk

9)LEE Seung-Woo

(57) Abstract :

The present invention relates to compounds of chemical formula 1 and having CCR2 (chemokine receptor 2) antagonistic effects and salts or isomers thereof. These compounds are very useful for treating preventing or relieving rheumatoid arthritis arteriosclerosis multiple sclerosis asthma and various diseases related to CCR2. [Formula 1] wherein R1 R2 R3 R4 R5 R6 R7 R8 and R9 is the same as defined in the specification.

No. of Pages : 83 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9575/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR OBTAINING WIRELESS LOCAL AREA NETWORK ACCESS POINT DEPLOYMENT PLAN

(51) International classification	:H04B 7/02	(71)Name of Applicant :
(31) Priority Document No	:200910091940.5	1)Huawei Technologies Co. Ltd.
(32) Priority Date	:01/09/2009	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/CN2010/076521	China.
Filing Date	:01/09/2010	(72)Name of Inventor :
(87) International Publication No	: NA	1)ZHANG Gong
(61) Patent of Addition to Application	:NA	2)YANG Xun
Number	:NA	3)XIAO Pei
Filing Date	:NA	4)LIN Zihuai
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A precoding method, a precoding apparatus, a Frequency Domain Equalization (FDE) method, and an FDE apparatus are provided in the embodiments of the present invention. The precoding method includes: performing offset modulation for a transmitting signal vector; calculating a precoding matrix according to the offset-modulated transmitting signal vector and a receiver decision signal vector, where the precoding matrix is used for performing precoding for the transmitting signal vector; and performing precoding for the transmitting signal vector according to the precoding matrix. Linear precoding is performed by using the offset-modulated signal on the transmitter, and therefore, the interference caused by multiple antennas and multipath propagation is reduced, the system BER is reduced, and the complexity of implementation is low.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9576/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR OBTAINING A DEPLOYMENT SCHEME OF WIRELESS LOCAL AREA NETWORK ACCESS POINTS

(51) International classification :H04W 16/20
(31) Priority Document No :200910110374.8
(32) Priority Date :27/10/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/078147
Filing Date :27/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)DONG Mingjie

2)ZHANG Wei

3)ZHOU Yuan

4)HU Yun

5)YANG Shoubao

6)HU Sen

7)HOU Guanbo

(57) Abstract :

A method for obtaining a deployment scheme of Wireless Local Area Network (WLAN) Access Points (APs) is provided. The method includes obtaining coverage information of each AP according to a WLAN competition model and deployment information; and combining a constraint relationship between the coverage information of each AP and cost information of each AP, and obtaining the deployment scheme of the APs through calculation. A device and a system are further provided, so as to automatically obtain a deployment scheme of APs, and control the cost.

No. of Pages : 41 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9577/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : MICROFLUIDIC DEVICE

(51) International classification	:G01N 15/00
(31) Priority Document No	:61/223,089
(32) Priority Date	:06/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041094
Filing Date	:06/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SONY CORPORATION

Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-0075 Japan.

2)SONY CORPORATION OF AMERICA

(72)Name of Inventor :

1)DURACK Gary

(57) Abstract :

The present disclosure relates to microfluidic devices adapted for facilitating cytometry analysis of particles flowing therethrough. In certain embodiments the microfluidic devices have onboard sterilization capabilities. In other embodiments microfluidic devices have integral collection bags and methods for keeping the microfluidic channels clean.

No. of Pages : 57 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9544/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : ELECTRONIC CIRCUIT BREAKER

(51) International classification :H01H 71/02
(31) Priority Document No :10 2009 025 513.3
(32) Priority Date :19/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/003362
Filing Date :02/06/2010
(87) International Publication No :WO/2010/145756
(61) Patent of Addition 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)HENGLEIN, GUNTER
2)SCHMIDT, WOLFGANG

(57) Abstract :

The invention relates to a compact electronic circuit breaker (1) that is simple to assemble. The circuit breaker (1) comprises an insulating housing (2), a switch contact (46) for reversibly contacting a load power circuit (26) to be monitored, a triggering magnet (24) acting by means of a triggering mechanism (30) on the switch contact (46), triggering electronics (25) for actuating the triggering magnet (24), and a circuit board (20). The switch contact (46), the triggering magnet (24), and the triggering electronics (25) are fixedly mounted on the circuit board (20) for forming a preassembled component. The preassembled component can thereby be inserted in the housing (2) as a unit.

No. of Pages : 39 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.955/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : LINK DEVICE FOR A REINFORCED GROUND WORK ASSOCIATED WORK AND METHOD•

(51) International classification	:E02D 29/02
(3) Priority Document No	:09 55114
(32) Priority Date	:22/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051487
Filing Date	:15/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FREITAG Nicolas
2)MORIZOT Jean-Claude
3)BERARD Gilles

(57) Abstract :

Link device (100) between a facing element (20) of a reinforced ground construction work (1) and a longitudinal reinforcement (40) intended to extend in a backfill (60) which comprises a portion (101) for fixing to the facing element (20) two connecting portions (102) of which a first end of each of them is linked to a point of the fixing portion (101) in which a second end of each connecting portion is linked to a first end of a first and of a second return portion (103) in which the return portions (103) are substantially parallel to one another and in which a second end of each of the return portions is linked to a securing segment (104) substantially perpendicular to the return portions (103). Associated work and method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9551/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR COMPONENT CARRIER SELECTION IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W72/02
(31) Priority Document No	:12/488,478
(32) Priority Date	:19/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/JP2010/057523
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/146941
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)PARK, KENNETH J.

2)KHOSHNEVIS, AHMAD

3)IMAMURA KIMHIKO

4)KOWALSKI, JOHN M.

5)CHOUDHURY, SAYANTAN

(57) Abstract :

The present disclosure relates to component carrier (CC) selection in a wireless communication system. A user equipment (UE) that is in idle mode may receive a reference signal (RS) from an evolved Node B (eNB), obtain signal quality measurements with respect to the RS, and switch to a new CC based on the signal quality measurements. For a UE that is in connected mode, an eNB may obtain uplink channel condition information corresponding to uplink CCs, obtain downlink channel condition information corresponding to downlink CCs, and select a CC pair for the UE to use based on the uplink channel condition information and the downlink channel condition information.

No. of Pages : 92 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.956/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : SWALLOWABLE CAPSULE AND METHOD FOR STIMULATING INCRETIN PRODUCTION WITHIN THE INTESTINAL TRACT

(51) International classification	:A61K 38/00	(71)Name of Applicant :
(31) Priority Document No	:61/273,389	1)INCUBE LABS LLC
(32) Priority Date	:03/08/2009	Address of Applicant :2051 Ringwood Avenue San Jose
(33) Name of priority country	:U.S.A.	CA 95131 US U.S.A.
(86) International Application No	:PCT/US2010/044265	(72)Name of Inventor :
Filing Date	:03/08/2010	1)IMRAN Mir
(87) International Publication No	: NA	2)HASHIM Mir
(61) Patent of Addition to Application Number	:NA	3)ARNSDORF Emily
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the invention provide apparatus and methods for stimulating L cells in the intestinal tract to produce incretins for the treatment of conditions including diabetes and obesity. Many embodiments provide a method and apparatus for the treatment of diabetes by electrically stimulating L-cells to secrete incretins to stimulate or otherwise modulate the production of insulin. Particular embodiments provide a swallowable capsule for stimulating L-cells in the intestinal tract as the capsule moves through the tract. The capsule can include two or more electrodes for providing electrical stimulation to L-cells a power source for powering one or more components of the capsule a sensor for sensing the location of the capsule in the intestinal tract; a controller and a waveform generator for generating the electrical signals emitted by the electrodes to stimulate the L-cells to secrete incretins such as GLP-I to stimulate insulin production for glucose regulation of diabetic conditions.

No. of Pages : 37 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9578/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND BASE STATION FOR COMBINED ADJUSTING DOWNLINK AMC AND MIMO MODE

(51) International classification :H04W 52/24
(31) Priority Document No :200910165601.7
(32) Priority Date :06/08/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073684
Filing Date :08/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Lijuan LAO
2)Guang LIU

(57) Abstract :

A method and base station for jointly adjusting downlink AMC and MIMO modes. The base station comprises an AMC module, a fast feedback module and a joint adjustment module. The method comprises: a base station determining the current maximum available Downlink Interval Usage Code (DIUC) using a downlink Carrier to Interference plus Noise ratio (CINR) fed back by a terminal, using a MIMO mode fed back by the terminal to determine the current channel condition, and jointly adjusting the current MIMO mode and the DIUC of the terminal within the maximum available DIUC range according to the current channel condition. The method and base station overcome the shortcoming of adjusting MIMO modes or DIUCs separately, and provide more combinations of the MIMO modes and DIUCs to maximize spectral utilization and data transmission rate, thereby achieving ultimately the purpose of improving link reliability and system throughput.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9579/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : BIOMASS HYDROLYSIS PROCESS

(51) International classification :C12N 1/22
(31) Priority Document No :61/221,689
(32) Priority Date :30/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040518
Filing Date :30/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HUANG Hong Zhi
3)WANG Yun
4)HIGGINS Don

(57) Abstract :

The invention relates to a biomass process comprising removal and/or inactivation of an enzyme inhibitor from recycled washing solution.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9580/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : AUTOXIDISABLE AQUEOUS COATING COMPOSITIONS•

(51) International classification :C09D 201/00

(31) Priority Document No :09162889.1

(32) Priority Date :17/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/058338

Filing Date :15/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Arnhem The Netherlands

(72)Name of Inventor :

1)STRAUB Hugues

2)SARKAR Manish

3)OSBORN Barry Norman

4)WIXEY James Stephen

(57) Abstract :

An autoxidisable aqueous varnish composition comprising: a) film forming polymer latex binder system comprising on a non-vol basis i) 40-60wt% soft autoxidisable polymer particles of Fox Tg less than 5°C ii) 60-40wt% hard polymer particles of Fox Tg at least 40°C wherein the soft autoxidisable polymer particles comprise at least 60wt% gel b) a carrier liquid comprising at least 50wt% water and an amount of a volatile organic material of from 0 to 2wt% when calculated on the total liquid varnish composition c) optionally pigment at a pigment to binder weight ratio up to 0.05:1 calculated on a non-vol basis.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9581/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : POLYPEPTIDES HAVING CELLOBIOHYDROLASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME

(51) International classification	:C12N 9/14	(71)Name of Applicant :
(31) Priority Document No	:61/183,490	1)NOVOZYMES INC.
(32) Priority Date	:02/07/2009	Address of Applicant :1445 Drew Avenue Davis California
(33) Name of priority country	:U.S.A.	95618 United States of America
(86) International Application No	:PCT/US2010/036455	2)NOVOZYMES A/S
Filing Date	:27/05/2010	(72)Name of Inventor :
(87) International Publication No	: NA	1)LIU Ye
(61) Patent of Addition to Application Number	:NA	2)TANG Lan
Filing Date	:NA	3)HARRIS Paul
(62) Divisional to Application Number	:NA	4)WU Wenping
Filing Date	:NA	

(57) Abstract :

The present invention relates to isolated polypeptides having cellobiohydrolase activity and isolated polynucleotides encoding the polypeptides. The invention also relates to nucleic acid constructs vectors and host cells comprising the polynucleotides as well as methods of producing and using the polypeptides.

No. of Pages : 136 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9603/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : FUSION PROTEINS FOR DELIVERY OF GDNF AND BDNF TO THE CENTRAL NERVOUS SYSTEM•

(51) International classification	:C07K 17/00	(71)Name of Applicant :
(31) Priority Document No	:61/186,246	1)ANGIOCHEM INC.
(32) Priority Date	:11/06/2009	Address of Applicant :201 President-Kennedy Avenue Suite
(33) Name of priority country	:U.S.A.	PK-R220 Montreal Quebec H2X 3Y7 Canada
(86) International Appl cation No	:PCT/CA2010/000889	(72)Name of Inventor :
Filing Date	:11/06/2010	1)DEMEULE Michel
(87) International Publication No	: NA	2)BOIVIN Dominique
(61) Patent of Addition to Application	:NA	3)CASTAIGNE Jean-Paul
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a compound that includes a peptide vector such as angiopep-2 which acts as a carrier across the blood-brain barrier linked to glial-derived neurotrophic factor (GDNF) brain-derived neurotrophic factor (BDNF) or a related molecule such as an analog or a fragment thereof. The compounds of the invention may be used to treat any disease where increased neuronal survival or growth is desired e.g. neurodegenerative diseases such as Parkinsons disease or amyotrophic lateral sclerosis. Other diseases can be treated using the compounds include schizophrenia and depression.

No. of Pages : 74 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9609/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : TRANSMITTER ARCHITECTURES

(51) International classification :H04B1/04
(31) Priority Document No :12/490264
(32) Priority Date :23/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039612
Filing Date :23/06/2010
(87) International Publication No :WO 2010/151569 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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DIEGO, CALIFORNIA 92121-1714 U.S.A.

(72)Name of Inventor :

1)VLADIMIR APARIN

(57) Abstract :

Techniques for generating a transmit (TX) signal with improved characteristics in the presence of interference such as noise and distortion. In one aspect, the TX output signal is used to generate a reconstructed signal having the characteristics of the interference, and the reconstructed signal is subtracted from the baseband TX signal. The reconstructed signal may be generated by high-pass filtering the TX output signal at baseband. Alternatively, the reconstructed signal may be generated from a reference signal Ref derived from the baseband TX signal.

No. of Pages : 31 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.961/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : SUBCUTANEOUS ANTI-HER2 ANTIBODY FORMULATION

(51) International classification :A61K 9/00
(31) Priority Document No :09167025.7
(32) Priority Date :31/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/060930
Filing Date :28/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GRAUSCHOPF Ulla
3)MAHLER Hanns-Christian
4)STAUCH Oliver Boris

(57) Abstract :

The present invention relates to a highly concentrated stable pharmaceutical formulation of a pharmaceutically active anti-HER2 antibody such as e.g. Trastuzumab (HERCEPIN,,) Pertuzumab or T-DM1 or a mixture of such antibody molecules for subcutaneous injection. In particular the present invention relates to formulations comprising in addition to a suitable amount of the anti-HER2 antibody an effective amount of at least one hyaluronidase enzyme as a combined formulation or for use in form of a co-formulation. The said formulations comprise additionally at least one buffering agent such as e.g. a histidine buffer a stabilizer or a mixture of two or more stabilizers (e.g. a saccharide such as e.g. a a-trehalose dihydrate or sucrose and optionally methionine as a second stabilizer) a nonionic surfactant and an effective amount of at least one hyaluronidase enzyme. Methods for preparing such formulations and their uses thereof are also provided.

No. of Pages : 79 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9613/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : SIMALIKALACTONE E AND USE THEREOF AS A MEDICAMENT•

(51) International classification :C07D 493/08
(31) Priority Document No :09/02959
(32) Priority Date :18/06/2009
(33) Name of priority country :France
(8) International Application No :PCT/FR2010/000447
Filing Date :17/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)VALENTIN Alexis
3)DEHARO Eric
4)BOURDY Geneviève
5)HO-A-KWIE Franciane
6)CACHET Nadia

(57) Abstract :

Simalikalactone E which can be extracted from the plant Quassia amara which can be used as a medicament in particular in the prevention and treatment of malaria.

No. of Pages : 37 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9616/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : A NOVEL STEREOSPECIFIC SYNTHESIS OF (-) (2S,3S)-1-DIMETHYLAMINO-3-(3-METHOXYPHENYL)-2-METHYL PENTAN-3-OL

(51) International classification	:C07C 217/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IN2011/00054
Filing Date	:27/01/2011
(87) International Publication No	:WO/2012/101649
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SYMED LABS LIMITED
Address of Applicant :8-3-166/6 & 7, II FLOOR, SREE ARCADE, ERRAGADDA, HYDERABAD, 500 018. Andhra Pradesh India
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1)DODDA MOHAN RAO
2)PINGILI KRISHNAREDDY
3)KIRLA HIRITHA
4)PINGLI RAMACHANDRAREDDY
5)KOLLURU SRINIVAS

(57) Abstract :

The present invention relates to a novel stereospecific synthesis of (-)(2S,3S)-1-dimethylamino-3-(3-methoxyphenyl)-2-methyl pentan-3-ol an intermediate in the synthesis of 3-[(1R,2R)-3-(dimethylamino)-1-ethyl -2-methylpropyl]phenol.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9617/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR AUTOMATED MEDICAL SUPPLY TAKE/STORE TRACKING

(51) International classification :G06Q 10/00

(31) Priority Document No :12/500,499

(32) Priority Date :09/07/2009

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

(86) International Application No :PCT/US2010/040936

Filing Date :02/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CAREFUSION 303 INC.

Address of Applicant :3750 Torrey View Court San Diego
CA 92130 United States of America

(72)Name of Inventor :

1)HULL Christopher

(57) Abstract :

A supply cabinet is fitted with an outer sensor and an inner sensor. The outer and inner sensor wirelessly sense inventory items tagged with radio frequency tags and in proximity of the sensors. A method of tracking inventory items stored in a supply cabinet includes determining based on time sequencing of sensing by the outer and the inner sensor if an inventory item was removed from the cabinet or stored into the cabinet and updating an inventory database accordingly. An alarm is optionally triggered if an inventory item is removed by an unauthorized user.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9618/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : SPATIAL INTERFACES FOR REALTIME NETWORKED COMMUNICATIONS

(51) International classification :G06Q 50/00

(31) Priority Document No :12/509,658

(32) Priority Date :27/07/2009

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

(86) International Application No :PCT/US2010/042119

Filing Date :15/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)**Name of Inventor :**

1)Matthew LEACOCK

2)David VAN WIE

(57) Abstract :

A current realtime communication session is established between communicants operating on respective network nodes (12 14). A spatial visualization (70 92 188 220) of the current realtime communication session is displayed. The spatial visualization (70 92 188 220) includes a graphical representation (46 48) of each of the communicants in spatial relation to a graphical representation (50) of a virtual area. During the current communication session visual cues are depicted in the spatial visualization (70 92 188 220) that show current communication states of the communicants where each of the communication states corresponds to a state of a respective communication channel over which a respective one of the communicants is configured to communicate.

No. of Pages : 71 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9619/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : GAS DETECTOR APPARATUS•

(51) International classification :F24F 11/00
(31) Priority Document No :2009902606
(32) Priority Date :05/06/2009
(33) Name of priority country :Australia
(86) International Application No :PCT/GB2010/050938
Filing Date :03/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WILLIAMSON Alasdair James

(57) Abstract :

An apparatus and methods for detecting the presence of gases is described. The gas detection apparatus (10 510) includes a housing (30) adapted to be in fluid communication with a duct (504) of a particle detection system (500) and at least one gas detector (42 43) sensitive to a target species arranged in fluid communication with the housing (30) to detect the presence of the target species in at least part of the air sample flowing in a duct (504). In one form the gas detection apparatus (10 510) forms part of a system (700) for detecting a condition in an environment that includes a particle detector (502); a duct system (504) in fluid communication with the environment and the particle detector (504) and an aspirator (518) to draw an air sample flow (72) from the environment to the particle detector (502).

No. of Pages : 35 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.962/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : SOLAR MIRROR FILM COMPOSITE HAVING PARTICULARLY HIGH WEATHERING AND UV STABILITY

(51) International classification :B32B 7/02
(31) Priority Document No :10 2009 028 168.1
(32) Priority Date :31/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/056680
Filing Date :17/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)NEUH,,USER Achim
3)ARNOLD Werner
4)OLBRICH Michael

(57) Abstract :

The invention relates to a film composite and the use thereof as a mirror film in solar reflectors in view of the sustainable guarantee of the required reflection of solar radiation (total solar reflection). In particular the invention relates to the use of cover films on the basis of polymethyl methacrylate (PMMA) in the film composite having an especially high UV stability and a high weathering stability. The invention further relates to a UV and weather protection package for said solar mirror film as utilized in solar reflectors for improving the optical life span weathering stability and for avoiding delamination. The invention further relates to a surface finish with regard to scratch resistance anti-soil and chemical stability of the solar mirror film.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9620/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : ENCRYPTION KEY DISTRIBUTION SYSTEM

(51) International classification :H04L 9/08
(31) Priority Document No :2009-148961
(32) Priority Date :23/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/060635
Filing Date :23/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Osaka 571-8686 Japan
(72)**Name of Inventor :**
1)Naohiro FUKUDA

(57) Abstract :

The encryption key distribution system includes a node A, a node B, and an authentication server S. Upon receiving a first nonce created by the node A and a second nonce created by the node B, the authentication server S creates a session key. The authentication server S sends a first message authentication code value and a first encryption message to the node A. The first encryption message is created by encrypting the first nonce, the session key, and first additional information with a first secret key. The authentication server S sends a second message authentication code value and a second encryption message to the node B. The second encryption message is created by encrypting the second nonce, the session key, and second additional information with a second secret key. The node A decrypts the first encryption message with the first secret key, thereby obtaining the session key and the first additional information. Further, the node A authenticates the session key by use of the first message authentication code value. The node B decrypts the second encryption message with the second secret key, thereby obtaining the session key and the second additional information. Further, the node B authenticates the session key by use of the second message authentication code value.

No. of Pages : 90 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9621/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD&NBSP; SYSTEM AND RECEPTACLE FOR PREPARING A BEVERAGE

(51) International classification :A47J 31/36
(31) Priority Document No :EP 09162920.4
(32) Priority Date :17/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/NL2009/050836
Filing Date :30/12/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)FLAMAND JOHN HENRI
3)KOELING HENDRIK CORNELIS
4)POST VAN LOON ANGENITA DOROTHEA

(57) Abstract :

In a method for preparing a beverage there is provided an exchangeable capsule (20) that comprises a circumferential first wall (21) a second wall (22) and a third wall (23) which together enclose an inner space (19) comprising an extractable product. The second wall of the capsule is pierced by means of at least one blade (8). Via the pierced second wall there is supplied an amount of fluid under a pressure to the inner space of the capsule. The prepared beverage is drained through the third wall of the capsule. A length of the at least one blade is chosen such that during the said fluid supplying the shortest possible axial distance (D2) between the third wall and the at least one blade in the inner space is less than 80% of the overall axial capsule length (L2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9622/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : WATERBORNE COATING COMPOSITION COMPRISING A POLYESTER AND A METAL SALT OF A FATTY ACID•

(51) International classification :C09D 5/02

(31) Priority Document No :61/183,295

(32) Priority Date :02/06/2009

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

(86) International Application No :PCT/EP2010/057285

Filing Date :27/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)AKZO NOBEL COATINGS INTERNATIONAL B.V.

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(72)Name of Inventor :

1)SCHOENLEITNER Ernst

2)SMITH Danny Elwood

3)SCHOENAKER Berry

(57) Abstract :

The invention relates to a waterborne coating composition comprising between 10 and 50% by weight of a water-dispersible and hydrophobic polyester resin between 50 and 90% by weight of a metal salt of a fatty acid (with the amounts being based on the total solids content in the waterborne coating composition) and a base in an amount of between 70% and 130% of the number of carboxylic acid groups in the resin. It furthermore relates to a process for the preparation of said waterborne coating composition and to its use.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9623/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : ONE GLOBAL PRECISE TIME AND ONE MAXIMUM TRANSMISSION TIME

(51) International classification :G05B 19/414	(71) Name of Applicant :
(31) Priority Document No :PA 2009 00651	1)Vestas Wind Systems A/S
(32) Priority Date :25/05/2009	Address of Applicant :Hedeager 44 8200 Aarhus N
(33) Name of priority country :Denmark	Denmark
(86) International Application No :PCT/DK2010/050113	(72) Name of Inventor :
Filing Date :25/05/2010	1)BENGTON John
(87) International Publication No : NA	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

Method of controlling a wind power system comprising a plurality of system elements said wind power system including a plurality of data processors distributed in said system elements the method comprising the steps of: synchronizing at least a part of said data processors to at least one reference signal distributed to said data processors from a time synchronization arrangement associating said data processors with local clock generation circuitries wherein said local clock generation circuitries associated with data processors of a first subset of the data processors have a peak-to-peak tracking jitter higher than or equal to a predetermined threshold value and wherein a second subset of the data processors have a peak-to-peak tracking jitter less than said predetermined threshold value controlling at least one of said system elements at least partly by means of a data processor from said first or second subset of data processors.

No. of Pages : 45 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9625/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : A FLOW METER INCLUDING A BALANCE MEMBER

(51) International classification :G01F 1/84

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/045165

Filing Date :26/05/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)**Name of Inventor :**

1)LANHAM Gregory Treat

2)WERBACH Christopher A.

3)PATTEN Andrew Timothy

(57) Abstract :

A flow meter (200) is provided that comprises a curved flow tube (203) and a balance member (250). The balance member (250) is positioned such that a centerline (341) of the balance member (250) lies on a plane of a centerline (340) of the curved flow tube (203). The flow meter (200) also includes a driver (104) including a first driver component (104a) and a second driver component (104b). The first driver component (104a) is coupled to the curved flow tube (203) while the second driver component (104b) is coupled to the balance member (250) proximate the first driver component (104a). The flow meter (200) also includes at least a first pick-off sensor (105).

No. of Pages : 27 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9626/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : THERMALLY SHRINKABLE POLYESTER FILM&NBSP; METHOD OF MANUFACTURING THE SAME&NBSP; AND PACKED PRODUCT USING THE SAME

(51) International classification	:B29C 61/06
(31) Priority Document No	:2009-126776
(32) Priority Date	:26/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003114
Filing Date	:06/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)HARUTA Masayuki

2)MUKOYAMA Yukinobu

3)NOSE Katsuhiko

(57) Abstract :

There is provided a thermally shrinkable polyester film where the opening ability along the perforation is very good. A thermally shrinkable polyester film comprising polyester resin in which ethylene terephthalate is a main constituting component and not less than 13 molar % of one or more monomer component(s) which can become non-crystalline component is/are contained in the total polyester resin components wherein the film has specific thermally shrinking characteristics and specific mechanical characteristics after thermal shrinking treatment.

No. of Pages : 70 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9627/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :G02F 1/1339
(31) Priority Document No :2009-143021
(32) Priority Date :16/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/000391
Filing Date :25/01/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)NAKAGAWA Akira
2)KOHARA Yasuhiro

(57) Abstract :

A plurality of columnar spacers 4 configured to maintain a constant gap G between substrates are provided on a color filter substrate 2 of a liquid crystal display device 1. At a tip end of each of the columnar spacers 4 contacting an array substrate 3 a height adjusting portion 5 which is easily deformed as compared to a portion of the columnar spacer 4 other than the tip end portion when the pair of substrates 2 3 are bonded together is provided.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9628/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : DIFFUSE REFLECTIVE ILLUMINATOR

(51) International classification :F21V 7/04

(31) Priority Document No :12/497,265

(32) Priority Date :02/07/2009

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

(86) International Application No :PCT/US2010/039536

Filing Date :22/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

1)MICROSCAN SYSTEMS INC.

Address of Applicant :700 SW 39th Street Renton
Washington 98057 UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)MESSINA Michael C.

(57) Abstract :

An apparatus including a curved light-reflecting surface including a pair of opposing curved edges and a pair of opposing longitudinal edges that extend between corresponding endpoints of the opposing curved edges; a pair of reflective surfaces each reflective surface being attached to a corresponding one of the curved edges; at least one flange coupled to one of the pair of longitudinal edges and projecting toward the opposing longitudinal edge; and at least one light source mounted on the at least one flange. Other embodiments and aspects are also disclosed and claimed.

No. of Pages : 24 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9629/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : AUTHENTICATION SYSTEM

(51) International classification :H04L 9/08
(31) Priority Document No :2009-148960
(32) Priority Date :23/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/060643
Filing Date :23/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)Naohiro FUKUDA

(57) Abstract :

The authentication system includes a user node, a plurality of service nodes, an authentication database storage unit, an authentication unit, a user information database storage unit, and a key distribution unit. Each service node is configured to provide a service corresponding to its domain. The authentication database storage unit is configured to store a secret key of the user node for each domain. The user information database storage unit is configured to store an account used for associating a domain with the user node. The key distribution unit is configured to, upon receiving a domain change request from the user node and then confirming that the user information database stores the account associating the user node with a desired domain to which the user node intends to belong, obtain the secret key of the user node associated with the desired domain from the authentication database storage unit, and send the obtained secret key to the user node. The authentication unit is configured to create a session key, and encrypt the created session key with the secret key corresponding to the desired domain, and send the encrypted session key to the user node.

No. of Pages : 69 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.963/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : CONTINUOUS POSITIVE AIRWAY PRESSURE DEVICE AND METHOD

(51) International classification :A61M 16/00

(31) Priority Document No :12/512,372

(32) Priority Date :30/07/2009

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

(86) International Application No :PCT/US2010/041089

Filing Date :06/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)**Name of Inventor :**

1)DUQUETTE STEVEN

2)HAN STEVE

(57) Abstract :

A continuous positive airway pressure system features a housing forming an airway chamber and an air pressure inlet and an air pressure outlet. The housing further defines internally a pair of tapered air jets and a pair of tapered air receivers. The air receivers are located downstream of the air supply jets and disposed coaxially with respective ones of the air supply jets. Each receiver has a taper in an opposite direction to the direction of the taper of the air supply jets. A pair of nasal prongs is located downstream of the air receiving jets. Each receiver comprises a hemispherical section that is oriented at an angle off the center line of the supply.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9639/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING DOWNLINK DATA SYNCHRONIZATION IN AN EMBMS TRANSMISSION

(51) International classification :H04W56/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2009/072383
Filing Date :22/06/2009
(87) International Publication No :WO 2010/148548 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WANG, HE
3)HU, ZHONGJI

(57) Abstract :

The invention proposes a technical scheme for controlling downlink data synchronization in an eMBMS transmission in a radio link control entity in a base station. By determining one length indicator for each service data unit, and meanwhile, each length indicator corresponds to one extension bit, the length indicator and the extension bit of each RLC SDU are byte aligned, and the base station generates different length indicators for the service data units with the different length distribution. By adopting the technical scheme of the invention, , the corresponding radio link control header overhead thereof is fixed for each service data unit, and therefore, even in the case where a consecutive packet loss occurs in the service data unit received by a certain base station, synchronization between it and other base stations receiving correctly can still be achieved.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9641/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD FOR MANAGING CS IRAT HANDOVER FROM 2G/3G NETWORK TO LTE NETWORK

(51) International classification :H04W36/14
(31) Priority Document No :09163817.1
(32) Priority Date :25/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/JP2010/052481
Filing Date :12/02/2010
(87) International Publication No :WO 2010/150568
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)LAMPURE, MARIANNE
3)ROGER, VINCENT
4)DAVIT, LUC

(57) Abstract :

The invention relates to a method to manage a CS IRAT (Circuit Switch Inter RAT) handover of a user equipment (UE) from a 2G/3G network to a LTE (Long Term Evolution) network in which: the UE transmits its CS IRAT handover from 2G/3G to LTE capabilities to the BSC/RNC node; the BSC/RNC node selects a routing paths among said different routing paths based on the UE capabilities for CS IRAT handover from 2G/3G to LTE and transmits to a MSC/VLR node (Mobile services Switching Center) of said 2G/3G network a Handover message comprising an information indicative of the selected path corresponding to the selected CS handover technology; and the MSC/VLR node transfers said Handover message to said target eNodeB through a MME (Mobility Management Entity) node or through an IWF node (Interworking Function) depending on the selected CS handover technology.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.959/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD FOR THE PREPARATION OF W-AMINO-ALKANEAMIDES AND W-AMINO-ALKANETHIOAMIDES AS WELL AS INTERMEDIATES OF THIS METHOD

(51) International classification :C07C 231/14
(31) Priority Document No :09167001.8
(32) Priority Date :31/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/004685
Filing Date :30/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)ALBERT Martin
2)DE SOUZA Dominic

(57) Abstract :

The present invention relates to method for the preparation of an -amino-alkane(thio)amide having the general formula (6) .
Furthermore novel intermediates and partial reaction steps of the claimed method are disclosed.

No. of Pages : 33 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9591/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : MICROPOROUS FOIL FOR BATTERIES HAVING SHUTDOWN FUNCTION

(51) International classification :H01M 2/16
(31) Priority Document No :10 2009 025 732.2
(32) Priority Date :20/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/003439
Filing Date :09/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHMITZ Bertram

(57) Abstract :

Single-layer or multilayer biaxially oriented microporous foil having a shutdown function which comprises at least one shutdown layer I which comprises propylene homopolymer and -nucleating agent and polyethylene.

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9592/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : HYDROELECTRIC IN-PIPE TURBINE BLADES

(51) International classification :F03B 13/10

(31) Priority Document No :61/180,949

(32) Priority Date :26/05/2009

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

(86) International Application No :PCT/IB2010/052337

Filing Date :26/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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3)HARELI Gadi

4)KOLMAN Ken

5)VAN ZWAREN Joe

(57) Abstract :

The special circumstances of working with hydroelectric turbines in pipes require innovations in blade shapes and systems that are presented here. An example is streamlining of the blades greater than that found in traditional hydroelectric turbines.

No. of Pages : 29 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9593/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : TRANSMITTER APPARATUS&NBSP; RECEIVER APPARATUS&NBSP; COMMUNICATION SYSTEM&NBSP; AND COMMUNICATION METHOD

(51) International classification	:H04W 36/18
(31) Priority Document No	:2009-142873
(32) Priority Date	:16/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003632
Filing Date	:31/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)SHIMEZAWA Kazuyuki

3)YAMADA Shohei

4)OH Wahoh

(57) Abstract :

A transmitter apparatus includes a reference signal transmitting unit that transmits a both of a first reference signal and a second reference signal differing from the first reference signal to a first receiver apparatus performing non-cooperative communication and to a second receiver apparatus performing cooperative communication respectively. In addition the transmitter apparatus includes a notifying unit that instructs the first receiver apparatus to measure the first reference signal and that instructs the second receiver apparatus to measure the second reference signal.

No. of Pages : 79 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9594/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ESTIMATING AGE OF A USER BASED ON MASS DATA

(51) International classification :G06F 19/00
(31) Priority Document No :200910042053.9
(32) Priority Date :21/08/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074318
Filing Date :23/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Guangdong Province PRC China
(72)**Name of Inventor :**
1)LIN Lebin
2)CHEN Chuan
3)LING Guohui
4)SUN Ali

(57) Abstract :

A method and a system for determining age of a user based on mass data are provided. The method includes: obtaining basic age data of the user configuring an initial weight for the basic age data; obtaining an age weight of the user in different kinds of basic age data according to the initial weight and an age similarity of the user in the different kinds of basic age data; and searching the basic age data for an age with a largest age weight determining the age with the largest age weight as an estimated age of the user. The method and system for determining age of the user based on mass data is able to improve accuracy of the determination of the age of the user.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9595/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : HIGH-CONCENTRATION PHOTOVOLTAIC GENERATING MODULE

(51) International classification :H01L 31/052
(31) Priority Document No :VI2009A000122
(32) Priority Date :28/05/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/IT2010/000233
Filing Date :27/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BEGHELLI Gian Pietro

(57) Abstract :

A structural module (11) for the high-concentration single-reflection photovoltaic generation comprising a plurality of devices concentration of solar radiation (RS) which include relative parabolic reflectors (13) mounted on a base support (15) placed within the module (11) a transparent front surface (14) through which is the solar radiation (RS) is transmitted and a plurality of photovoltaic receivers (16) mounted within the module (11) and series-connected each other wherein the photovoltaic receivers (16) are fixed on elongated elements (10 12) made of conductive material and suitable to dissipate heat which accommodate a photovoltaic cell (CS) and are placed outside or inside the structural module (11).

No. of Pages : 44 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9651/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND DEVICE FOR PROCESSING COMPONENT CARRIERS TO BE AGGREGATED FOR TRANSMISSION

(51) International classification	:H04W52/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, AVENUE OCTAVE GREARD, F-
(33) Name of priority country	:NA	75007 PARIS France
(86) International Application No	:PCT/CN2009/000685	(72)Name of Inventor :
Filing Date	:22/06/2009	1)YANG, LIN
(87) International Publication No	:WO 2010/148530 A1	2)LIU, JIN
(61) Patent of Addition to Application Number	:NA	3)ZHANG, XIAOBO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for processing multiple Component Carriers (CCs) to be aggregated for transmission is provided in the present invention, the method comprising the steps of acquiring a time domain signal of each of the multiple CCs; applying multiple fixed phase rotations respectively to the acquired time domain signal by utilizing phase rotation values in a set of phase rotations, so as to obtain multiple phase rotation versions of each CC; randomly selecting one of the multiple phase rotation versions of each CC to respectively constitute multiple candidate transmission groups, and acquiring an amplitude sum of the phase rotation versions for each of the multiple candidate transmission groups; determining a candidate transmission group having the minimum amplitude sum; and transmitting multiple phase rotation versions in the determined candidate transmission group having the minimum amplitude sum. The present invention substantively provides a general solution capable of minimizing CM/PAPR of aggregated CCs for UL and DL.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9654/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND COMPOSITION FOR ENHANCED HYDROCARBON RECOVERY FROM A FORMATION CONTAINING A CRUDE OIL WITH SPECIFIC SOLUBILITY GROUPS AND CHEMICAL FAMILIES

(51) International classification :C09K 8/584

(31) Priority Document No :61/224,321

(32) Priority Date :09/07/2009

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

(86) International Application No :PCT/US2010/041044

Filing Date :06/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)BUIJSE MARTEN ADRIAAN

3)GRUTTERS MARINUS CORNELIS

4)MOENE ROBERT

5)NAVARRETE REINALDO CONRADO

6)SEMPLE THOMAS CARL

(57) Abstract :

A method of treating a formation containing crude oil with specific solubility groups and chemical families is described. The method includes (a) providing a hydrocarbon recovery composition to at least a portion of a formation containing crude oil with specific solubility groups and chemical families wherein the composition comprises a C24-28 internal olefin sulfonate; and (b) allowing the composition to interact with hydrocarbons in the crude oil containing formation.

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9655/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR THE HEAT TREATMENT OF A CELLULOSIC FEEDSTOCK UPSTREAM OF HYDROLYSIS•

(51) International classification :D21C 1/02
(31) Priority Document No :2,673,134
(32) Priority Date :17/07/2009
(33) Name of priority country :Canada
(86) International Application No :PCT/CA2010/001091
Filing Date :13/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BURKE Murray J

(57) Abstract :

An apparatus for heating a cellulosic feedstock prior to hydrolysis is disclosed. The apparatus comprises a pressurizable treatment chamber a mixing and conveyance member configured to deaggregate the cellulosic feedstock and mix the cellulosic feedstock with gas in the upper portion of the chamber and a heating member. The treatment chamber is at a pressure comparable to the pressure of a downstream hydrolyzer. Additionally a method is disclosed.

No. of Pages : 41 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9656/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : HMO SYNTHESIS•

(51) International Classification :C12N 15/63

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/004112

Filing Date :08 06/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)JENNEWEIN Stefan

2)HFNER Eric

3)PARKOT Julia

(57) Abstract :

The present invention relates to a cell to be stably cultured in a medium which cell is adjusted for the production of oligosaccharides the cell being transformed to comprise at least one nucleic acid sequence coding for an enzyme involved in oligosaccharide synthesis. In addition the cell is transformed to comprise at least one nucleic acid sequence coding for a protein of the sugar efflux transporter family a functional homolog or derivative thereof. Further the invention concerns a method for the production of oligosaccharides involving above cell.

No. of Pages : 37 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9657/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : PRODUCT OF POLYSILOXANE CONDENSATION•

(51) International classification :C08G 77/44

(31) Priority Document No :2009-149840

(32) Priority Date :24/06/2009

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2 10/060787

Filing Date :24/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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1)REIKO MORIYAMA

2)HIDEO SAITO

3)SYOUZOU TAKADA

4)ICHIROU DOI

(57) Abstract :

Provided is a condensation reaction product solution which is particularly suitable for filling a trench formed on a substrate having a narrow width and a high aspect ratio. The condensation reaction product solution has a long pot life superior trench-filling when used for trench-filling and a low cure shrinkage an excellent crack resistance and a HF resistance when cured and converted into silicon oxide. The condensation reaction product solution comprises (I) a condensation reaction product obtained by condensation

No. of Pages : 72 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9659/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD FOR COMMUNICATION SYSTEM SERVICE UPGRADE AND UPGRADE CONTAINER DEVICE THEREOF

(51) International classification :H04L 12/24
(31) Priority Document No :200910148672.6
(32) Priority Date :25/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/072298
Filing Date :28/04/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)Jian ZHONG
3)Rongchu NIE

(57) Abstract :

The invention provides a method for a communication system service upgrade including: when a communication device prepares to be upgraded an upgrade container device buffering message which currently needs to be sent to other network elements by the communication device into a sending buffer and when the communication device prepares to be upgraded and in an upgrade process the upgrade container device receiving message which is transmitted to the communication device by other network elements and buffering the message into a receiving buffer; the upgrade container device sending the message in the sending buffer to destination network elements; thereby realizing an upgrade without interruption. The invention also provides an upgrade container device supporting the communication system service upgrade.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9660/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : CIRCUIT AND METHOD FOR CONTROLLING MULTI-CHANNEL POWER

(51) International classification	:H03G 3/20	(71) Name of Applicant :
(31) Priority Document No	:200910086489.8	1)ZTE CORPORATION
(32) Priority Date	:05/06/2009	Address of Applicant :ZTE Plaza Keji Road South Hi-Tech
(33) Name of priority country	:China	Industrial Park Nanshan Shenzhen Guangdong 518057 China.
(86) International Application No	:PCT/CN2010/073050	(72) Name of Inventor :
Filing Date	:21/05/2010	1)Dejin RUAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A circuit and a method for controlling multi-channel power are disclosed. The method includes: according to a channel selection signal in the previous clock cycle select one channel signal from the received at least one channel signal in the previous clock cycle; according to an amplification factor control signal in the previous clock cycle amplify the selected one channel signal to acquire a first signal; perform A/D conversion on the first signal to acquire a second signal; and according to the second signal generate an amplification factor control signal in the next clock cycle so that according to the amplification multiple control signal in the next clock cycle amplify the selected one channel signal in the next clock cycle when the next clock cycle comes. The scheme can be used to detect the multi-channel optical power and its circuit implementation is simple.

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9661/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR IMPROVING UTILIZATION OF BROADCAST CHANNEL FRAME AND METHOD AND APPARATUS FOR USING PADDING PORTION

(51) International classification :H04L 29/06
(31) Priority Document No :200910088421.3
(32) Priority Date :29/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/072899
Filing Date :18/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Jianqiang ZHANG
3)Yaping RUAN
4)Dengjin TONG

(57) Abstract :

The present invention discloses a method for improving utilization of broadcast channel frames comprising determining whether auxiliary data exists in multiplexing data of a multiplexing frame upon generation of the multiplexing frame and encapsulating the auxiliary data in a filled portion of the multiplexing frame if yes. The present invention also discloses a method for using a filled portion of a multiplexing frame comprising a receiving terminal decoding multiplexing data in the monitored multiplexing frame, monitoring redundant data in the filled portion of the multiplexing frame when determining that an error code occurs in the decoded multiplexing data, and recovering data with the error code in the multiplexing frame using the redundant data. Or the method comprises the receiving terminal monitoring basic layer video bit stream data in a payload and enhanced layer video bit stream data in the filled portion of the multiplexing frame based on its video stream processing ability information, decoding the basic layer video stream data and enhanced layer video stream data respectively and then combining them. The present invention also discloses an apparatuses for implementing the above methods. The present invention improves channel utilization.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9662/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : POWER SUPPLY APPARATUS

(51) International classification :H02J 7/34
(31) Priority Document No :2009-151632
(32) Priority Date :25/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/060684
Filing Date :23/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)Takuya KAGAWA

(57) Abstract :

The power supply apparatus a main power device, an auxiliary power unit, and controlling means. Each of the main power device and the auxiliary power unit is configured to supply DC power to a DC supply line. The main power device is configured to generate DC power by use of power supplied from a secondary cell. The controlling means is configured to, when a measurement (a magnitude of a current flowing through the DC supply line) exceeds an optimal current magnitude, send an instruction to the main power device such that a current supplied from the main power device to the DC supply line has the same magnitude as the optimal current magnitude. The optimal current magnitude is defined as a magnitude of a current supplied to the DC supply line from the main power device operating so as to maximize a proportion of power supplied from the main power device to the DC supply line to the sum of power supplied from the secondary cell to the main power device and loss caused by an internal resistance of the secondary cell. The main power device is configured to adjust the magnitude of the current supplied to the DC supply line on the basis of the instruction received from the controlling means.

No. of Pages : 66 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9663/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : POWER SUPPLY APPARATUS

(51) International classification :G05F 1/00
(31) Priority Document No :2009-151607
(32) Priority Date :25/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/060683
Filing Date :23/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Panasonic Electric Works Co. Ltd.
Address of Applicant :1048 Oaza-Kadoma Kadoma-shi
Osaka 571-8686 Japan.
(72)**Name of Inventor :**
1)Hiroaki KOSHIN
2)Takuya KAGAWA

(57) Abstract :

The power supply apparatus includes a first power device, a second power unit, and controlling means. Each of the first power device and the second power unit supplies DC power to a DC supply line. The first power device makes constant voltage control. The second power unit includes a second power device configured to make inclination control of monotonically decreasing its output voltage with an increase of its output current, and of monotonically increasing its output voltage with a decrease of its output current. Upon acknowledging that a measurement (a magnitude of a current flowing through the DC supply line) exceeds an optimal current magnitude (a magnitude of a current supplied to the DC supply line from the first power device operating at maximum conversion efficiency), the controlling means outputs an instruction such that a magnitude of a current supplied to the DC supply line from the second power unit is identical to a difference between the measurement and the optimal current magnitude. The second power device modifies a condition of the inclination control, thereby adjusting its output current to a current corresponding to the instruction without varying its output voltage.

No. of Pages : 49 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9664/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSFERRING A MEDIA SESSION

(51) International classification	:H04W 76/04
(31) Priority Document No	:61/180,963
(32) Priority Date	:26/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/001184
Filing Date	:19/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)NOKIA CORPORATION

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

1)Imed Bouazizi

(57) Abstract :

Various methods for transferring a media session are provided. One example method includes triggering a media session transfer from a media receiver device, and providing a session transfer message to a network device. In this regard, the media receiver device and network device have communications connections to a network. Similar and related example methods and example apparatuses are also provided.

No. of Pages : 39 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9665/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : PHOTOCATALYT C MATERIAL•

(51) International classification :C03C 17/34

(31) Priority Document No :0954991

(32) Priority Date :17/07/2009

(33) Name of priority country :France

(86) International Application No :PCT EP2010/060085

Filing Date :13/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)LAURENT Stphane

2)DURANDEAU Anne

3)VALENTIN Emmanuel

(57) Abstract :

One subject of the invention is a material comprising a substrate coated on at least one portion of at least one of its faces with a stack comprising a photocatalytic layer the geometrical thickness of which is between 2 and 30 nm and at least one pair of respectively high and low refractive index layers positioned underneath said photocatalytic layer so that in the or each pair the or each high refractive index layer is closest to the substrate said material being such that the optical thickness for a wavelength of 350 nm of the or each high refractive index layer except the photocatalytic layer is between 170 and 300 nm and the optical thickness for a wavelength of 350 nm of the or each low refractive index layer is between 30 and 90 nm.

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9666/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : UNIVERSAL TEST STRIP PORT•

(51) International classification :G01N 31/22
(31) Priority Document No :12/695,947
(32) Priority Date :28/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/022581
Filing Date :26/01/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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2)SIMMONS Matthew

3)STAFFORD Gary Ashley

4)BULALA Cherie

5)MYLES Christopher

6)WUNDERLE III Philip Justus

7)SONG Bonita

8)RIES Richard G.

9)SHAFIE Morvarid G.

(57) Abstract :

The present disclosure provides a sensor port configured to receive a plurality of analyte sensors having different sizes shapes and/or electrode configurations. Also provided are analyte meters analyte monitoring devices and/or systems and drug delivery devices and/or systems utilizing the disclosed sensor ports.

No. of Pages : 102 No. of Claims : 73

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9667/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : METHOD FOR TRANSMITTING CHANNEL QUALITY INDICATOR

(51) International classification :H04W24/10
(31) Priority Document No :61/235,692
(32) Priority Date :21/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/005554
Filing Date :20/08/2010
(87) International Publication No :WO 2011/021897 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)PARK, GIWON
2)RYU, KISEON
3)YUK, YOUNGSOO
4)KIM, YONGHO
5)CHUN, JINYOUNG

(57) Abstract :

Disclosed is a method for transmitting channel quality indicator (CQI) during a sleep mode operation. The method for transmitting CQI includes: receiving a message including a CQI-related parameter indicating a transmission of a CQI before a listening window; transmitting a CQI during a sleep window before the listening window according to a CQI-related parameter in the message; transitioning to the listening window according to a listening window-related parameter after transmitting the CQI; and waiting for receiving a message indicating whether or not there is data or traffic transferred from the base station during the listening window.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9669/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 24/05/2013

(54) Title of the invention : AUTOMATED PUBLISHING SYSTEMS AND METHODS

(51) International classification :G06Q50/00
(31) Priority Document No :61/181,150
(32) Priority Date :26/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/36071
Filing Date :25/05/2010
(87) International Publication No :WO 2010/138508
A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QBEND LLC
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(72)**Name of Inventor :**
1)GOLUS, MARIBETH CARLISLE
2)SAMPATH, KAUSHIK

(57) Abstract :

Provided is an automated publishing system that can include a database indexed to store contribution data that includes portions of works of authorship, a user authentication system configured to authenticate a member to the system, and a virtual work area having a graphic user interface accessible by the member. The interface can include content searching and content collating features such that a member can generate a custom work by selecting a plurality of different portions of works of authorship which are combined to generate the custom publication. The interface in addition contains an option for a member to add content at the end of each chapter, when such member is authorized by the publisher. The custom publication can be sent to the publisher for approval and is made available only after the publisher grants approval.

No. of Pages : 60 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.960/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : EXHAUST GAS SAMPLING AND ANALYSIS SYSTEM

(51) International classification :G01N 1/22
(31) Priority Document No :2009-178832
(32) Priority Date :31/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062641
Filing Date :27/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RAHMAN Montajir
2)KUSAKA Takeshi
3)HILL Leslie

(57) Abstract :

This invention intends to analyze a component of an exhaust gas without a reduction in a measurement accuracy by sampling a high pressure exhaust gas. An exhaust gas sampling and analysis system of this invention is provided with: a main flow channel (2) in which a flow restriction mechanism (3) and a first suction pump (P1) are arranged; a measurement flow channel (4) in which an exhaust gas analysis device (5) is provided and that extends from the main flow channel (2) at a position downstream of the flow restriction mechanism (3); and a compensation flow channel (6) in which a flow rate adjustment mechanism (MFC3) is provided and that extends from the main flow channel (2) at a position downstream of the point from which the

No. of Pages : 22 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1467/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :17/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : PANDROL CLIP LOCKING DEVICE

(51) International classification

:E01B29/24

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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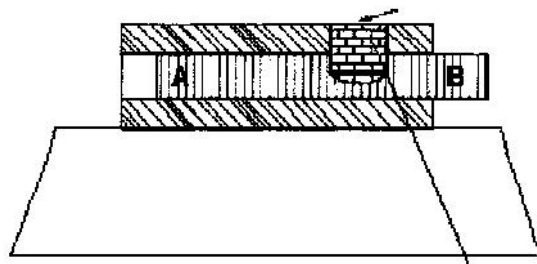
(72)Name of Inventor :

1)SHREYA AGARWAL

2)PROTIP KUMAR CHATTERJEE

(57) Abstract :

A pandrol clip locking device for locking pandrol clip affixing railway line to rail sleeper comprising a rail sleeper, a rail layed over said rail sleeper, a tubular base plate securely affixed to said rail sleeper and a resilient pandrol clip for securing said rail to said rail sleeper being operatively engaged through said tubular base plate to said rail, said locking device comprising, a suitably drilled hole of predetermined diameter through said base plate upto a predetermined depth of the said pandrol clip and a cotter pin suitably engaged into said drilled hole to be to be at/below surface of said base plate.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1479/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

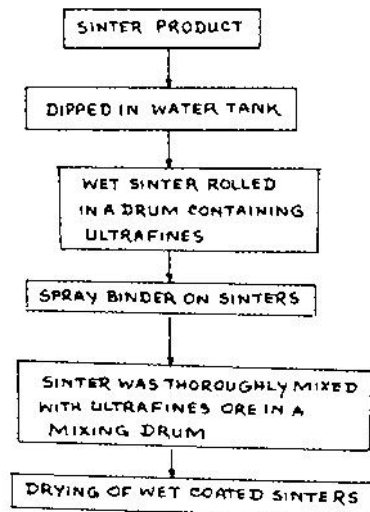
(43) Publication Date : 24/05/2013

(54) Title of the invention : A METHOD OF COATING ON SINTER PRODUCT WITH ULTRA-FINE PARTICLES

(51) International classification	:C22B1/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country	:NA	DIVISION JAMSHEDPUR-831001 Jharkhand India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR MARK B DENYS
(87) International Publication No	: NA	2)MS MONI SINHA
(61) Patent of Addition to Application Number	:NA	3)DR SRINIVAS
Filing Date	:NA	4)DWARAPUDI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is provided with a method of coating on sinter product with ultrafine particles adaptable to burden of blast furnace and metallurgical application, comprising of wetting the sinter products either by dipping a plurality of sinter products in water tank or by spraying water on sinter products; rolling the wet sinter products in a drum containing ultrafines; spraying a binder dissolve with water on the sinter products by means of a nozzle; mixing thoroughly the sinter product in a mixing drum containing ultrafines for a period of 10 minutes, preferably for 4-7 minutes; drying of wet coated sinter to remove the water.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1480/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : AN IMPROVED STATOR CORE PRESSING PLATE AND THE MANUFACTURING THEREOF

(51) International classification :H02K15/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)BHARAT HEAVY ELECTRICALS LIMITED

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(72)Name of Inventor :

1)KALYAN KUMAR JAIN

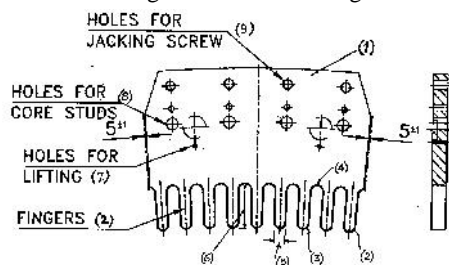
2)ANIL KUMAR PURE

3)KUMAR PRATIK

4)BAL KRISHNA SHARMA

(57) Abstract :

The present invention is provided with an improved Stator Core Pressing Plate adaptable to hydrogenerator in a Stator Core comprising a pressing plate having a plurality of finger parts configured at a distal end through machining process; the fingers each provided with a half round shaped contour a peak and valley; a plurality of holes provided along the proximate end of the Pressing Plate for lifting, fastening core stud and Jacking Screw; characterized in that, the Pressing Plate constitutes a single piece, in that the plurality of fingers are identical in respect of shape and size and in that a plurality of identical gaps corresponding to the width of the fingers between the fingers to ensure an optimum distribution of the pressure when affixed to the Stator Core.



No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1487/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

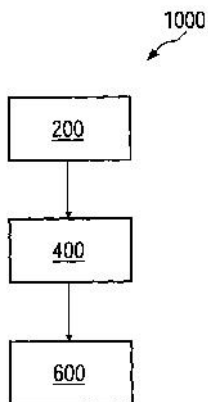
(43) Publication Date : 24/05/2013

(54) Title of the invention : A METHOD AND A PROCESSOR FOR DETERMINATION OF WINDOW SETTINGS OF 3D MEDICAL IMAGES

(51) International classification	:A61B5/055	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:NA	MÜNCHEN GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AMIT KALE
(87) International Publication No	: NA	2)CHHAYA METHANI
(61) Patent of Addition to Application Number	:NA	3)VENKATA SURYANARAYANA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and a processor for determination of Window settings of 3D medical images In a method (1000) for determination of window settings for optimal visualization of a 3D dataset, a plurality of projections (30, 50) are obtained from the 3D dataset. These projections (30, 50) have different window settings. In the method, a 2D image (10) is used. The 2D image (10) has a first edge set (15) at least containing a first edge (12), and each of the projections (30, 50) have a corresponding second edge set (35, 55) at least containing a second edge (32, 52). Subsequently, the first edge set (15) is compared with corresponding second edge sets (35, 55). Finally, the window settings of that projection (30, 50) for which the first edge set (15) optimally correlates with the second edge set (35, 55) is selected.



No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1490/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 24/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR INSPECTING AN ELECTRICAL APPARATUS

(51) International classification	:H05K3/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant :WITTELSBACHERPLATZ 2 80333
(33) Name of priority country	:NA	MÜNCHEN GERMANY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VARUN AKUR VENKATESAN
(87) International Publication No	: NA	2)CLAUDIO LALONI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method (50) for inspecting an electrical apparatus for interrupting an electrical current is presented. The method (50) includes determining (52) relative positions of one or more contacts in a contact arrangement of the electrical apparatus, measuring (54) a resistance due to the connection of one or more contacts, acquiring (56) images of the one or more contacts during the operation to determine a position of the one or more contacts, and calculating (58) a distance traversed by one or more contacts during operation of the electrical apparatus.

No. of Pages : 16 No. of Claims : 15

(54) Title of the invention : APPARATUS FOR TRANSMITTING AND RECEIVING SIGNAL IN DISTRIBUTED ANTENNA SYSTEM

(51) International classification :H04B7/04,H04B7/26
 (31) Priority Document No :61/310,286
 (32) Priority Date :04/03/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/KR2011/001494
 Filing Date :04/03/2011
 (87) International Publication No :WO 2011/108880
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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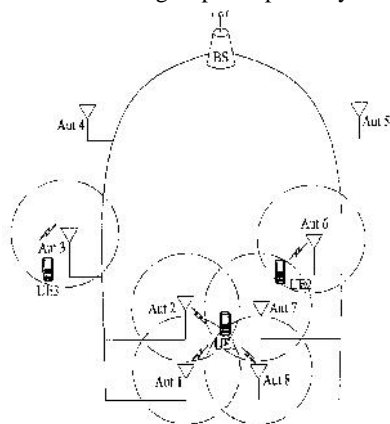
1)KANG, Ji Won

2)IHM, Bin Chul

3)CHUN, Jin Young

(57) Abstract :

The present invention relates to a method for receiving a signal through a terminal in a distributed antenna system (DAS) comprising the steps of: receiving composition information of a local midamble corresponding to a terminal or a terminal group including the terminal from a base station which belongs to the DAS; and receiving the local midamble from the base station, and the local midamble can be a midamble corresponding to one or more effective transmission antennas associated with the terminal or the terminal group of a plurality of antennas of the base station.



No. of Pages : 46 No. of Claims : 18

(54) Title of the invention : TONER CONTAINER AND IMAGE FORMING DEVICE

(51) International classification :G03G15/08
 (31) Priority Document No :2010-052607
 (32) Priority Date :10/03/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/056129
 Filing Date :09/03/2011
 (87) International Publication No :WO 2011/111863
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)RICOH COMPANY, LTD.

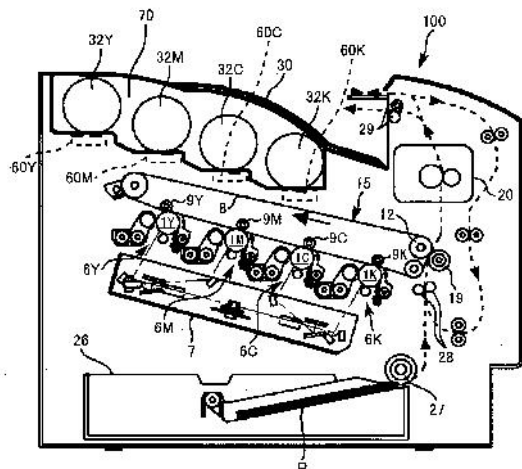
Address of Applicant :3-6, Nakamagome 1-chome Ohta-ku, Tokyo, 1438555 JAPAN

(72)Name of Inventor :

1)TAKAMI, Nobuo**2)KIMURA, Noriyuki****3)HORI, Eisuke****4)KIMURA, Hideki****5)KIKUCHI, Kenji****6)SUZUKI, Yuji**

(57) Abstract :

A toner container includes a cap part that accommodates an opening of a main part and includes a bottom formed into a toner outlet for discharging toner from the opening of the main part downward in a vertical direction to a part outside the toner container, and a shutter member that is arranged to open or close the toner outlet by movement of the shutter member along an outer circumferential surface of the cap part. The cap part includes a non-compatible shape part disposed at a position on the outer circumferential surface of the cap part the position being specific to a kind of the toner container to uniquely identify the kind of the toner container, the non compatible shape part having a convex or concave shape, extending along the longitudinal direction and being arranged to confront from a position of a head end of the cap part in the longitudinal direction toward the main part.



No. of Pages : 176 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2366/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 24/05/2013

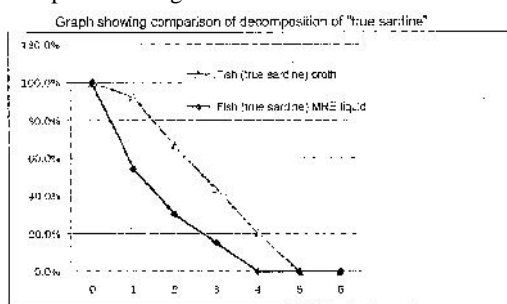
(54) Title of the invention : METHOD FOR DEGRADING ORGANIC MATERIAL USING MOTHER CELL LYASES FORMED IN ASSOCIATION WITH SPORE FORMATION OF MICROORGANISM

(51) International classification :B09B3/00,C12P19/04
(31) Priority Document No :61/301,737
(32) Priority Date :05/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2011/052553
Filing Date :07/02/2011
(87) International Publication No :WO 2011/096567
(61) Patent of Addition 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)MITARAI, Kaoru
2)NAGAHAMA, Yoji

(57) Abstract :

Provided is a method for degrading an organic material. Also provided is a useful low-molecular organic material. The method for degrading an organic material is characterized by comprising a step for preparing the organic material to be degraded and a step for treating said organic material with mother cell lyases which are formed through cytolysis associated with the spore formation of a spore forming aerobic bacterium.



No. of Pages : 61 No. of Claims : 10

(54) Title of the invention : TONER CONTAINER AND IMAGE FORMING APPARATUS

(51) International classification :G03G15/08,B65D83/06,G03G15/00
 (31) Priority Document No :2010-044045
 (32) Priority Date :01/03/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/055177
 Filing Date :01/03/2011
 (87) International Publication No :WO 2011/108741
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)RICOH COMPANY, LIMITED

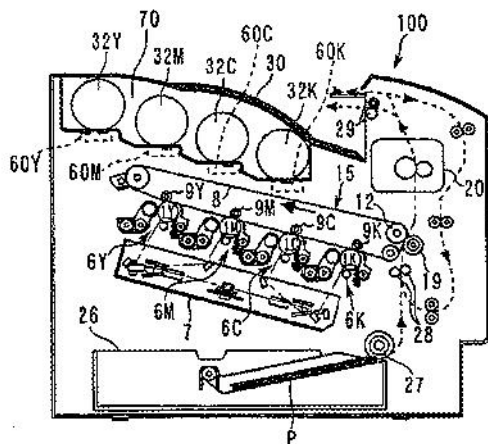
Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 1438555 JAPAN

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1)HORI, Eisuke**2)KIMURA, Noriyuki****3)TAKAMI, Nobuo****4)SUZUKI, Yuji****5)KIMURA, Hideki****6)KIKUCHI, Kenji****7)YAMABE, Junji****8)SUZUKI, Masato**

(57) Abstract :

A toner container that is detachably attached to a main body of an image forming apparatus such that a longitudinal direction of the toner container is parallel to a horizontal direction includes: a cylindrical container body that has an opening on one end thereof in the longitudinal direction, and is configured to convey toner contained therein toward the opening; a cap portion into which the opening of the container body is inserted, and which includes a toner outlet at a bottom portion thereof for discharging toner discharged from the opening of the container body to the outside of the toner container in a vertically downward direction; and a shutter member that is held on the bottom portion of the cap portion, and moves along an outer periphery of the cap portion to thereby open and close the toner outlet, wherein the cap portion is formed by integral molding.



No. of Pages : 236 No. of Claims : 12

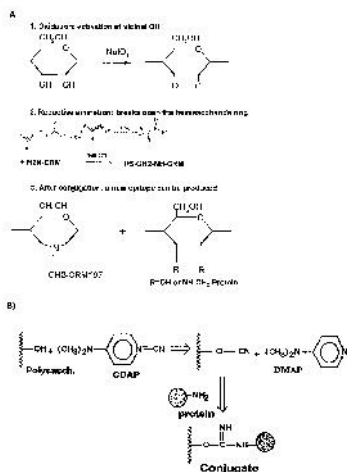
(54) Title of the invention : IMMUNOGENIC COMPOSITION COMPRISING S. PNEUMONIAE POLYSACCHARIDES CONJUGATED TO CARRIER PROTEINS

(51) International classification :A61K39/09,A61K39/385,A61P43/00
 (31) Priority Document No :1003924.6
 (32) Priority Date :09/03/2010
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/EP2010/061963
 Filing Date :17/08/2010
 (87) International Publication No :WO 2011/110241
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)GLAXOSMITHKLINE BIOLOGICALS S.A.
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 (72)Name of Inventor :
1)BIEMANS, Ralph Leon
2)DUVIVIER, Pierre
3)GAVARD, Ollivier Francis Nicolas
4)POOLMAN, Jan

(57) Abstract :

The present invention relates to an immunogenic composition comprising at least 2 different S. pneumoniae capsular saccharides, wherein one or more is/are selected from a first group consisting of serotypes 1,3,19A and 19F which is/are linked to a protein carrier(s) either directly or indirectly through a chemistry other than reductive amination and one or more different saccharides is/are selected from a second group consisting of serotypes 4,5,6A,6B,7F,9V,14,18C and 23F which is/are linked to a protein carrier(s) by reductive amination. Uses of such composition in the treatment or prevention of diseases caused by Streptococcus pneumoniae infection are also disclosed.



No. of Pages : 54 No. of Claims : 119

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2370/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : MODIFIED TUBERCULOSIS ANTIGENS

(51) International classification :A61K39/04
(31) Priority Document No :61/298,710
(32) Priority Date :27/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/051158
Filing Date :27/01/2011
(87) International Publication No :WO 2011/092253
(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)GLAXO GROUP LIMITED
(72)**Name of Inventor :**
1)BLAIS, Normand
2)BROWN, James
3)GELINAS, Anne-Marie
4)METTENS, Pascal
5)MURPHY, Dennis

(57) Abstract :

Modified Rv3616c proteins and their use as medicaments, particularly for the prevention of reactivation of tuberculosis.

No. of Pages : 164 No. of Claims : 147

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2372/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : TWO-COMPONENT STRUCTURAL ADHESIVE WHICH IS IMPACT RESISTANT AT ROOM TEMPERATURE

(51) International classification :C09J163/00,C08G59/54,C08L63/00
(31) Priority Document No :10155205.7
(32) Priority Date :02/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/052972
Filing Date :01/03/2011
(87) International Publication No :WO 2011/107450
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SIKA TECHNOLOGY AG
Address of Applicant :Zugerstrasse 50, CH-6340 Baar
SWITZERLAND
(72)Name of Inventor :
1)FRICK, Karsten
2)FINTER, Jürg
3)KRAMER, Andreas
4)GERBER, Ulrich

(57) Abstract :

The invention relates to the field of two-component epoxy resin compositions and to the use thereof as a repairing adhesive in particular in vehicle construction. The two-component epoxy resin compositions according to the invention contain a curing component K2, which comprises between 1 and 10 wt.% of an amino group-terminated polyamide B, together with an epoxy resin component K1. The compositions are characterized in that the impact resistance is highly increased while an acceptable sheer strength is simultaneously retained.

No. of Pages : 61 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2373/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : AMINO GROUP TERMINATED IMPACT STRENGTH MODIFIER AND USE THEREOF IN EPOXY RESIN COMPOSITIONS

(51) International classification	:C08G18/10,C08L63/00	(71)Name of Applicant :
(31) Priority Document No	:10155136.4	1)SIKA TECHNOLOGY AG
(32) Priority Date	:02/03/2010	Address of Applicant :Zugerstrasse 50, CH-6340 Baar
(33) Name of priority country	:EPO	SWITZERLAND
(86) International Application No	:PCT/EP2011/052971	(72)Name of Inventor :
Filing Date	:01/03/2011	1)FRICK, Karsten
(87) International Publication No	:WO 2011/107449	2)FINTER, Jürg
(61) Patent of Addition to Application Number	:NA	3)KRAMER, Andreas
Filing Date	:NA	4)GERBER, Ulrich
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the field of impact strength modifiers, the derivative products thereof, and the use thereof in producing two component epoxy resin compositions. The invention in particular relates to amino group terminated impact strength modifiers produced by reacting a polyurethane prepolymer comprising a isocyanate groups, a primary diamine, and optionally at least one Michael acceptor. The two component epoxy resin compositions thus formulated are characterized by a great increase in impact strength while retaining an acceptable tensile shear strength. The impact strength modifiers according to the invention and the epoxy resin compositions comprising same are in particular suitable for vehicle manufacturing.

No. of Pages : 57 No. of Claims : 15

(54) Title of the invention : VEHICLE NOTIFICATION SOUND EMITTING APPARATUS

(51) International classification :B60Q5/00
 (31) Priority Document No :2010-026117
 (32) Priority Date :09/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/IB2011/000199
 Filing Date :07/02/2011
 (87) International Publication No :WO 2011/098881
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

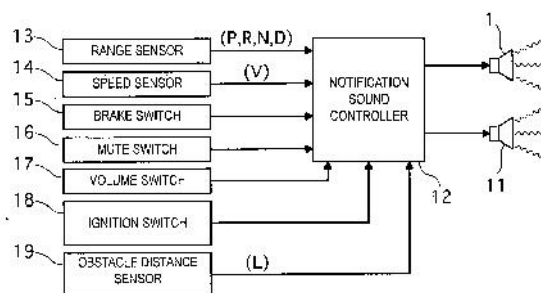
1)NISSAN MOTOR CO., LTD.Address of Applicant :2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa 221-0023, JAPAN

(72)Name of Inventor :

1)Hideo YOSHINO**2)Tsuyoshi KANUMA****3)Hironori SAITO****4)Katsumi KIMURA****5)Yuji WATANABE****6)Toshiyuki YAMAMOTO**

(57) Abstract :

A vehicle notification sound emitting apparatus is basically provided with a sound emitting device (1, 11) and a notification sound control device (12). The sound emitting device (1, 11) is configured to emit a movement notification sound to an outside of a vehicle to inform a person in an area surrounding the vehicle that the vehicle will move. The notification sound control device (12) is configured to operate the sound emitting device (1, 11) in response to occurrence of a vehicle condition. The notification sound control device (12) setting the movement notification sound of the sound emitting device (1, 11) to a frequency in a range of 1.5 kHz to 6 kHz.



No. of Pages : 50 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :27/08/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : VEHICLE NOTIFICATION SOUND EMITTING APPARATUS

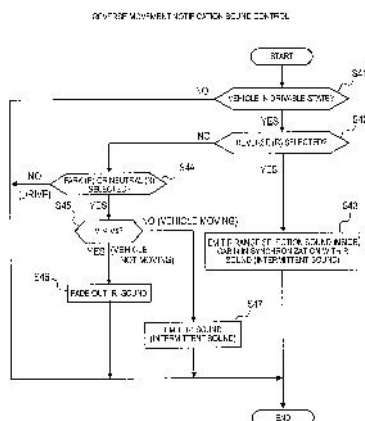
(51) International classification	:B60Q5/00
(31) Priority Document No	:2010-026125
(32) Priority Date	:09/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB2011/000197
Filing Date	:07/02/2011
(87) International Publication No	:WO 2011/098879
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)NISSAN MOTOR CO., LTD.
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 Yokohama-shi, Kanagawa 221-0023, JAPAN

(72)Name of Inventor :
1)Hironori SAITO
2)Katsumi KIMURA
3)Tsuyoshi KANUMA
4)Hideo YOSHINO
5)Yuji WATANABE
6)Toshiyuki YAMAMOTO

(57) Abstract :

A vehicle notification sound emitting apparatus is basically provided with a first sound emitting device (11), a second sound emitting device (1) and a notification sound control device (12). The first sound emitting device (11) emits a first intermittent notification sound inside a cabin interior of a vehicle. The second sound emitting device (1) emits a second intermittent notification sound outside of the cabin interior of the vehicle. The notification sound control device (12) operates the first and second sound emitting devices (11, 1) to separately emit the first and second intermittent notification sounds in at least a partially overlapping pattern in response to occurrence of a vehicle condition to convey a same type of vehicle information to both inside and outside of the cabin interior of the vehicle. The notification sound control device (12) includes a cabin interior-exterior notification sound synchronizing section (step S43) that is configured to synchronize the first and second intermittent notification sounds.



No. of Pages : 43 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2387/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/08/2012

(43) Publication Date : 24/05/2013

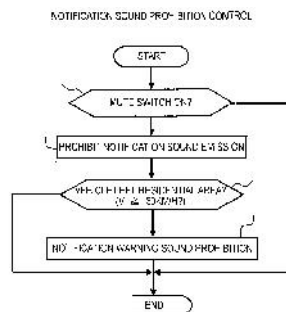
(54) Title of the invention : VEHICLE NOTIFICATION SOUND EMITTING APPARATUS

(51) International classification :B60Q5/00
(31) Priority Document No :2010-026119
(32) Priority Date :09/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/IB2011/000203
Filing Date :07/02/2011
(87) International Publication No :WO 2011/098883
(61) 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.
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Yokohama-shi, Kanagawa 221-0023, JAPAN
(72)Name of Inventor :
1)Hideo YOSHINO
2)Tsuyoshi KANUMA
3)Yoshiro TATEISHI
4)Hironori SAITO
5)Katsumi KIMURA

(57) Abstract :

A vehicle notification sound emitting apparatus is basically provided with a sound emitting device (1) and a notification sound control device (12). The sound emitting device emits a movement notification sound to outside of a vehicle to inform a person in an area surrounding the vehicle that the vehicle is moving at a low speed. The notification sound control device (12) operates the sound emitting device to selectively emit the movement notification sound. The notification sound control device (12) includes a notification sound prohibiting section (16) and a prohibition cancelling section (step S54). The notification sound prohibiting section (16) prohibits an emission of the movement notification sound by the sound emitting device (1). The prohibition cancelling section (step S54) cancels a notification sound emission prohibition imposed by the notification sound prohibiting section (16) either upon a vehicle speed of the vehicle exceeding a prescribed vehicle speed or based on position information of the vehicle.



No. of Pages : 42 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2393/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/08/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : MODULAR INTRAOCULAR LENS INJECTOR DEVICE

(51) International classification :A61F9/007
(31) Priority Document No :12/763,322
(32) Priority Date :20/04/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/032708
Filing Date :15/04/2011
(87) International Publication No :WO 2011/133427
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALCON RESEARCH, LTD.
Address of Applicant :6201 South Freeway, Fort Worth,
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(72)**Name of Inventor :**
1)CHEN, Bill
2)CHON, James Y.

(57) Abstract :

An intraocular lens (IOL) injection device is modularized to enable cleaning of internal components after surgery. The device includes first and second housing modules. These modules collectively define a passageway along which an injector rod moves between a retracted position and an extended position. The first module is further configured to accommodate a lens cartridge module. The cartridge module has disposed therein an IOL, in alignment with the passageway. Thus as the rod moves from the retracted position to the extended position, a front portion of the rod that is substantially surrounded by the first module in the retracted position moves into the cartridge module and displaces the IOL. This causes the front portion of the rod to accumulate on it viscoelastic substances. The first module, though, is configured to detach from the second module, to thereby expose the front portion of the rod in the retracted position for cleaning.

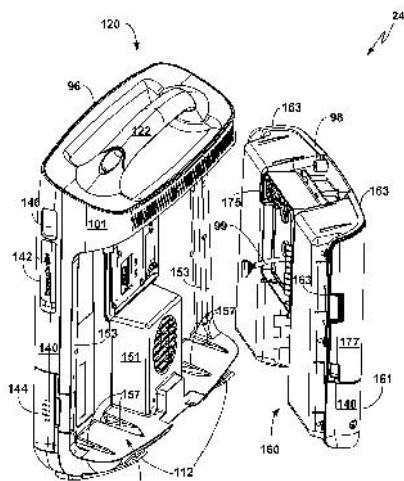
No. of Pages : 24 No. of Claims : 14

(54) Title of the invention : MODULAR MEDICAL DEVICE PROGRAMMER

(51) International classification	:A61N1/372,A61B5/0428	(71)Name of Applicant :
(31) Priority Document No	:61/444,557	1)MEDTRONIC, INC.
(32) Priority Date	:18/02/2011	Address of Applicant :710 Medtronic Parkway NE,
(33) Name of priority country	:U.S.A.	Minneapolis, MINNESOTA 55432-5604 UNITED STATES OF
(86) International Application No	:PCT/US2011/034657	AMERICA
Filing Date	:29/04/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/112178	1)BERG, Richard, O.
(61) Patent of Addition to Application	:NA	2)MARCHESIN, Danilo
Number	:NA	3)HERMAN, Gerald, M.
Filing Date	:NA	4)DURIVAGE, Leon, W., III
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

A medical device programmer comprises a medical device module and a computer module. The medical device module comprises a telemetry module that wirelessly communicates with an implantable medical device (IMD) and a medical device module processor communicates with the IMD via the telemetry module. The computer module housing mates with the medical device module housing to form a congruent external surface of the programmer. The computer module comprises a user interface including a touchscreen that displays data received from the IMD and receives input from a user, a memory that stores selectable patient therapy parameters for the IMD, a computer module interface in electrical communication with the medical device module interface, and a computer module processor that communicates with the medical device module. The medical device module processor forwards communications between the computer module processor and the IMD via the medical device module interface and the telemetry module.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2397/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/08/2012

(43) Publication Date : 24/05/2013

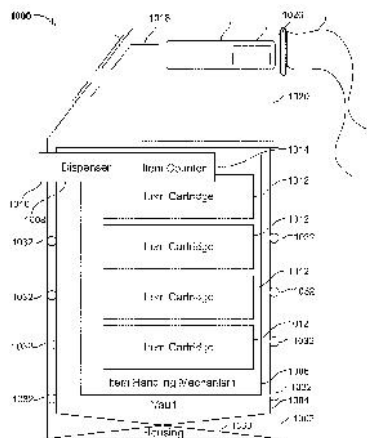
(54) Title of the invention : HANDICAP-ACCESSIBLE ATM

(51) International classification :B65F1/00
(31) Priority Document No :12/825,544
(32) Priority Date :29/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024828
Filing Date :15/02/2011
(87) International Publication No :WO 2012/003013
(61) Patent of Addition 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)SHIRBABADI, Daryoosh
2)AGISIM, Keith, D.

(57) Abstract :

A handicap-accessible ATM is provided. An ATM including a display screen and at least one lifting mechanism. In certain embodiments of the invention, the lifting mechanism operates to change the vertical height of the display screen relative to the user eyes.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2389/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/08/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : IMMUNOGENIC COMPOSITION

(51) International classification :A61K39/095,A61K39/116,C07K14/22
(31) Priority Document No :61/312,550
(32) Priority Date :10/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/053631
Filing Date :10/03/2011
(87) International Publication No :WO 2011/110635
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GLAXOSMITHKLINE BIOLOGICALS S.A.
Address of Applicant :Rue De L'Institut 89, B-1330
Rixensart BELGIUM
(72)**Name of Inventor :**
1)CASTADO, Cindy
2)DEVOS, Nathalie Isabelle
3)POOLMAN, Jan
4)WEYNANTS, Vincent

(57) Abstract :

The present disclosure relates to the field of Neisserial immunogenic compositions and vaccines, their manufacture and the use of such compositions in medicine. In particular the present invention relates to compositions and methods involving the factor H binding protein (fHbp) antigen. The present inventors have recognised that fHbp is poorly expressed in neisserial strains of L2 immunotype (and ST11 clonal complex), and vaccines comprising fHbp may be made more effective against said strains by formulating the vaccine with a further antigen that can elicit protection against these strains.

No. of Pages : 100 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2390/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/08/2012

(43) Publication Date : 24/05/2013

(54) Title of the invention : VACCINE COMPOSITION

(51) International classification :A61K39/095,A61K39/116,C07K14/22
(31) Priority Document No :61/312,574
(32) Priority Date :10/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/053630
Filing Date :10/03/2011
(87) International Publication No :WO 2011/110634
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GLAXOSMITHKLINE BIOLOGICALS S.A.
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RIXENSART BELGIUM
(72)**Name of Inventor :**
1)CASTADO, Cindy
2)DEVOS, Nathalie Isabelle
3)POOLMAN, Jan
4)WEYNANTS, Vincent

(57) Abstract :

The present invention relates to the field of Neisserial immunogenic compositions and vaccines, their manufacture and the use of such compositions in medicine. Chimeric fHbp (factor H binding protein) proteins and compositions comprising said proteins are described to overcome the problem of immune responses to fHbp being specific to the meningococcal strain from which the fHbp was derived.



No. of Pages : 111 No. of Claims : 34

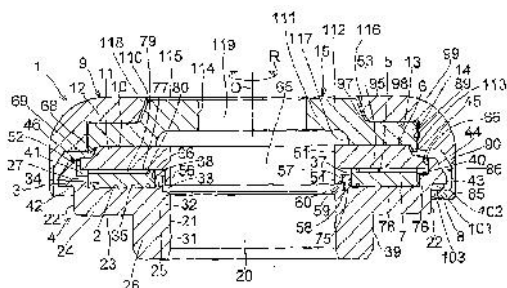
(54) Title of the invention : THRUST SLIDING BEARING, AND MECHANISM WITH THIS THRUST SLIDING BEARING COMBINED WITH PISTON ROD

(51) International classification :B60G15/06,F16C17/04,F16C33/20
 (31) Priority Document No :2010-061340
 (32) Priority Date :17/03/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/000867
 Filing Date :17/02/2011
 (87) International Publication No :WO 2011/114619
 (61) Patent of Addition 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)KANEKO, Ryohei
2)MORISHIGE, Kouichi

(57) Abstract :

A thrust sliding bearing (1) is provided with a synthetic resin annular bearing body (4) which has an annular upper surface (2) and an annular engagement protrusion (3); a synthetic resin annular bearing body (6); a synthetic resin thrust sliding bearing piece (7); an annular upper cover (9) which has an engagement protrusion (8) that engages with the annular engagement protrusion (3) of the bearing body (4); and an annular sheet metal part (15) which is interposed between the bearing body (6) and the annular upper cover (9).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2392/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/08/2012

(43) Publication Date : 24/05/2013

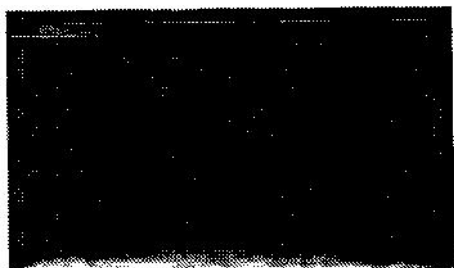
(54) Title of the invention : SEMICONDUCTIVE POLYOLEFIN COMPOSITION COMPRISING CONDUCTIVE FILLER

(51) International classification :C08K3/04,H01B1/24,C08J5/00
(31) Priority Document No :10003716.7
(32) Priority Date :06/04/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/001686
Filing Date :05/04/2011
(87) International Publication No :WO 2011/124360
(61) Patent of Addition 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)SVANBERG, Christer
2)PHAM, Tung
3)MALIK, Muhammad, Ali
4)COSTA, Francis
5)LIU, Yi
6)UEMATSU, Takashi
7)GKOURMPIS, Thomas

(57) Abstract :

The present invention relates to a semiconductive polyolefin composition comprising graphene nanoplatelets. It also relates to a semiconductive polyolefin composition comprising the combination of graphene nanoplatelets and carbon black. Moreover, the present invention is related to a process for producing the semiconductive polyolefin composition as well as to the use of the semiconductive polyolefin composition in a power cable. Further, the invention is also related to an article, preferably a power cable comprising at least one semiconductive layer comprising said polyolefin composition.



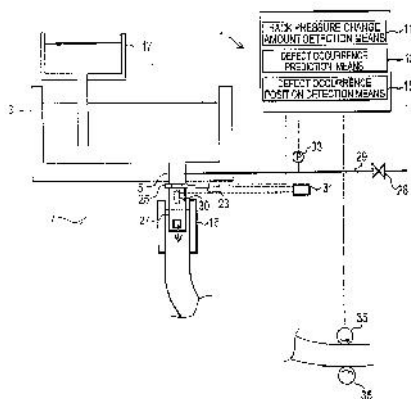
No. of Pages : 36 No. of Claims : 15

(54) Title of the invention : METHOD FOR PREDICTING OCCURRENCE OF STEEL SHEET DEFECT IN SLAB, METHOD FOR MANUFACTURING SLAB, DEVICE FOR PREDICTING OCCURRENCE OF STEEL SHEET DEFECT IN SLAB, AND CONTINUOUS CASTING MACHINE EQUIPPED WITH DEVICE FOR PREDICTING OCCURENCES OF STEEL SHEET DEFECT IN SLAB

(51) International classification	:B22D11/16	(71)Name of Applicant :
(31) Priority Document No	:2011-252907	1)JFE STEEL CORPORATION
(32) Priority Date	:18/11/2011	Address of Applicant :2-3,UCHISAIWAI-CHO 2-CHOME, CHIYODA-KU, TOKYO 100-0011 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)SHINGO OKAMOTO
Filing Date	:NA	2)HIRONORI FUKUSHIMA
(87) International Publication No	: NA	3)NORICHIKA ARAMAKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a method for predicting the occurrence of a defect caused by alumina inclusion in a slab produced by continuous casting while changing a pouring speed of molten steel in response to detection of a molten steel level in a mold and blowing an inert gas such as argon gas into molten steel from a tundish nozzle 5 mounted on a bottom part of a tundish 3 wherein, an amount of change in increase or decrease of a back pressure of the inert gas is detected, and it is determined whether or not a change in the back pressure follows a change in the pouring speed of molten steel based on whether or not the number of times of cases where the change amount is equal to or more than a preset range is the predetermined number of times or more within a predetermined time. A device for predicting the occurrence of a sliver caused by alumina inclusion in a slab, a method for manufacturing a continuously cast slab using the method, and a continuous casting machine provided with the device are also disclosed.



No. of Pages : 40 No. of Claims : 10

(54) Title of the invention : ATM INCLUDING ENHANCED PRIVACY FEATURES

(51) International classification :H05K5/00
 (31) Priority Document No :12/825,528
 (32) Priority Date :29/06/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/024827
 Filing Date :15/02/2011
 (87) International Publication No :WO 2012/003012
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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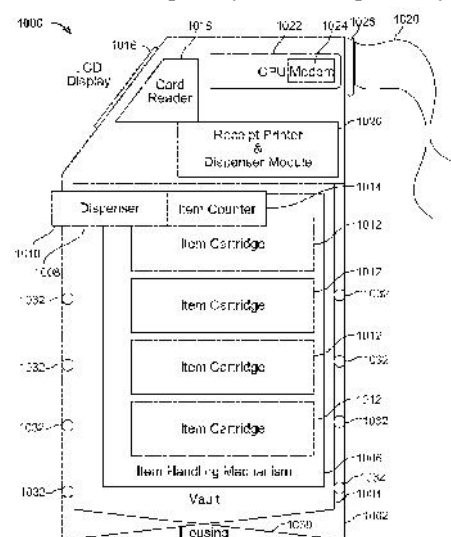
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(57) Abstract :

A method for minimizing glare and/or increasing privacy for a user of a self-service device is provided. The method may include mechanical means such as a fixed visor and/or hood or a user operated hinged glare reducing overlay screen. The method may further include as using sensors that detect the users eyes and other sensors to detect a source of light that produces glare. Information from these sensors may be sent to a computer controlled system that operates system of actuators. The actuators are operated by the computer in response to sensor inputs to adjust the screen angle relative the user to minimize glare for that user and/or increase privacy from surreptitiously observing eyes or cameras.



No. of Pages : 35 No. of Claims : 16

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(54) Title of the invention : DEVICE FOR PLACING MATERIAL ON OR BENEATH THE SOIL SURFACE

(51) International classification :A01C7/00,A01C23/02,A01M17/00
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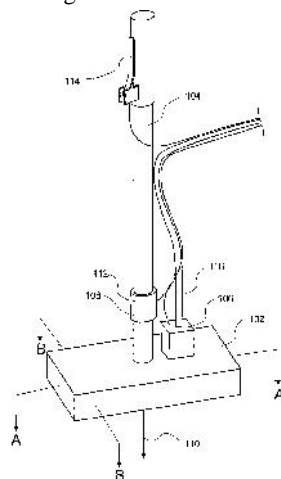
(72)Name of Inventor :

1)DES GARENES, Chris

2)VAN DRUMPT, Peter

(57) Abstract :

A device (100) for treating soil, in an exemplary embodiment, includes a soil contact head (102), with the soil contact head having at least one discharge orifice therein, a handle (104) attached to the soil contact head, a discharge valve (106) in fluid communication with said at least one discharge orifice, a soil contact indicator (108), and a source of pressurized soil treatment fluid flowably connected to the discharge valve. The discharge valve discharges pressurized soil treatment material through the discharge orifices when the soil contact indicator indicates contact between the soil contact head and the soil.



No. of Pages : 32 No. of Claims : 47

AMENDMENT UNDER SEC. 57 (KOLKATA)

An application to **delete** Claim 2 of the granted Complete Specification in respect of Patent No.237480 (559/KOLNP/2006) was filed is as follows . Any person interested may at any time within three months from the date of publication give notice on Form-14 to the Controller of Patents , if any, at the appropriate office .

Claim 2 The solid preparation as claimed in claim 1, wherein the polyoxyethylene sorbitan fatty acid ester is polysorbate 80.

**PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENT(CHENNAI)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patent 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.

PATENT NUMBER	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
240956	M/s. SASKEN COMMUNICATION TECHNOLOGIES LIMITED	A METHOD AND SYSTEM FOR DECODING COMPRESSED IMAGE DATA	13/09/2012	CHENNAI
245629	M/s. INDIAN INSTITUTE OF TECHNOLOGY & M/s. CENTRE OF EXCELLENCE IN WIRELESS TECHNOLOGY	A BROAD BAND WIRELESS COMMUNICATION SYSTEM	20/03/2012	CHENNAI
252922	M/s. TRIBI EMBEDDED TECHNOLOGIES PRIVATE LIMITED	CONTROL SYSTEM FOR A SUBMERSIBLE PUMP	15/06/2012	CHENNAI
252759	M/s. HINDUSTAN AERONAUTICS LIMITED	IMPROVED POSITIVE LOCKING SYSTEM OF IDLER GEAR SHAFT	18/10/2012	CHENNAI
228189	Shri. DE WINTER ERWIN	ANCHORING SCREW DEVICE	07/07/2012	CHENNAI

**PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENTS (CHENNAI)**

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 Rules, 2003.

Patent No.	Applicants	Title	Date of Cessation	Appropriate Office
228081	METABASIS THERAPEUTICS, INC.(U.S.A.)	A PHARMACEUTICAL COMPOSITION COMPRISING A PHARMACEUTICALLY EFFECTIVE AMOUNT OF AN INSULIN SENSITIZER AGENT AND A PHARMACEUTICALLY EFFECTIVE AMOUNT OF AN FB PASE INHIBITOR	22/12/2011	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	194848	1279/DEL/1996	11/06/1996		A HYDROSTATIC DRIVE FOR PEDESTRIAN CONTROLLED VEHICLES	CONCENTRIC PUMPS LIMITED		DELHI
2	256216	1321/DEL/2006	01/06/2006	08/06/2005	A COLD CATHODE FLUORESCENT LAMP DRIVING APPARATUS	SONY CORPORATION.	24/08/2007	DELHI
3	256219	2008/DEL/2006	11/09/2006	29/09/2005	SYSTEM AND METHOD FOR PROVIDING CODE SIGNING SERVICES	RESEARCH IN MOTION LIMITED	24/08/2007	DELHI
4	256220	2594/DELNP/2004	14/03/2003	19/03/2002	COMPOSITE CORE NONLINEAR REACTOR AND INDUCTION INCOMING CIRCUIT	DAIFUKU CO.,LTD	09/10/2009	DELHI
5	256224	3844/DELNP/2006	14/01/2005	15/01/2004	METHOD AND APPARATUS FOR MEASURING ELECTRICAL CONDUCTIVITY	THE UNIVERSITY OF SOUTHERN QUEENSLAND,	13/07/2007	DELHI
6	256226	3592/DELNP/2006	28/12/2004	29/12/2003	ELECTRICAL CONTACT ELEMENT FOR MEDIUM OR HIGH VOLTAGE ELECTRICAL EQUIPMENT, AND CORRESPONDING METHOD AND EQUIPMENT	AREVA T & D SA	17/08/2007	DELHI
7	256227	682/DEL/2008	18/03/2008		DECONTAMINANT COMPOSITION FOR DECONTAMINATING A TOXIC AGENT AND PROCESS OF PREPARING THEREOF	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	23/04/2010	DELHI
8	256228	1669/DELNP/2008	29/08/2006	08/09/2005	UV ABSORBING GRAY GLASS COMPOSITION	PPG INDUSTRIES OHIO, INC.	27/06/2008	DELHI
9	256230	3232/DELNP/2006	19/11/2004	21/11/2003	A LIQUED PHARMACEUTICAL FORMULATION FOR THE PROLONGED RELEASE OF INTERLEUKIN(S)	FLAMEL TECHNOLOGIES	24/08/2007	DELHI
10	256231	765/DELNP/2007	23/09/2005	24/09/2004	NEW COMPOUND AND ORGANIC LIGHT EMITTING DEVICE USING THE SAME (3)	LG CHEM LTD.,	03/08/2007	DELHI
11	256234	2999/DELNP/2004	19/03/2003	21/03/2002	METHOD AND SYSTEM FOR INTERROGATING MULTIPLE SAW IDENTIFICATION TAGS	RF SAW COMPONENTS, INCORPORATED	03/04/2009	DELHI

12	256240	5724/DELNP/2006	31/03/2005	02/04/2004	CATALYST COMPOSITIONS COMPRISING METAL PHOSPHATE BOUND ZEOLITE AND METHODS OF USING SAME TO CATALYTICALLY CRACK HYDROCARBONS	W.R.GRACE & CO.-CONN.	13/07/2007	DELHI
13	256241	274/DELNP/2004	07/08/2002	08/08/2001	DIRECTIONAL AUDIO SIGNAL PROCESSING USING AN OVERSAMPLED FILTERBANK	ON SEMICONDUCTOR TRADING LTD.	10/03/2006	DELHI
14	256242	1652/DEL/2005	27/06/2005	30/06/2004	HEAD SET APPARATUS, COMMUNICATION TERMINAL APPARATUS AND COMMUNICATION SYSTEM	SONY ERICSSON MOBILE COMMUNICATIONS JAPAN, INC	09/02/2007	DELHI
15	256244	1439/DEL/2005	03/06/2005		A REACTIVE COMPOSITION FOR DECONTAMINATION OF TOXIC CHEMICALS AND A PROCESS THEREOF	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	31/07/2009	DELHI
16	256246	5088/DELNP/2005	10/06/2004	12/06/2003	METHOD FOR PREPARING FUSED OXAZINONES	E.I. DU PONT DE NEMOURS AND COMPANY,	01/02/2008	DELHI
17	256251	197/DEL/2007	31/01/2007		A PROCESS FOR DEHAIRING AND FIBRE OPENING OF HIDE/SKIN	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	29/08/2008	DELHI
18	256252	738/DEL/2006	20/03/2006		ACTIVE FOAMED MAGNETIC CERAMIC/METAL COMPOSITE SUBSTRATE FROM REDMUD AND PROCESS FOR THE PREPARATION THEREOF	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	24/02/2012	DELHI

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	256221	1273/MUM/2005	10/10/2005		WARP YARN CLAMPING DEVICE	PATEL BURJOR DARABSHA	15/12/2006	MUMBAI
2	256223	1060/MUMNP/2006	04/03/2005	04/03/2004	MULTI-MODE MULTI-BAND MOBILE COMMUNICATION TERMINAL AND MODE SWITCHING METHOD THEREOF	SK TELECOM CO., LTD.	04/05/2007	MUMBAI
3	256225	594/MUMNP/2008	27/10/2006	27/10/2005	QUASI-ORTHOGONAL ALLOCATION OF CODES IN TD-CDMA SYSTEMS	QUALCOMM INCORPORATED	26/06/2009	MUMBAI
4	256235	208/MUM/2008	29/01/2008	30/01/2007	SYSTEM AND METHOD FOR ENCODING AND DECODING IN WIRELESS COMMUNICATION SYSTEMS	VIA TELECOM INC.	08/02/2008	MUMBAI
5	256258	2017/MUM/2008	22/09/2008 12:25:31		A PROCESS FOR THE TREATMENT OF CELLULOSE BASED WASTE FOR REMOVAL OF HAZARDOUS MATERIALS AND RECOVERY OF VALUABLES	THE SECRETARY DEPARTMENT OF ATOMIC ENERGY	27/02/2009	MUMBAI
6	256261	1375/MUMNP/2008	28/11/2006	05/01/2006	CONCENTRATED FABRIC CONDITIONER COMPOSITIONS	HINDUSTAN UNILEVER LIMITED	17/10/2008	MUMBAI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	256211	2458/CHE/2006	29/12/2006		METHOD FOR DATA TRANSMISSION IN MULTIPLE SPATIAL PATHS BASED COMMUNICATION SYSTEM	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/11/2008	CHENNAI
2	256217	2317/CHENP/2008	03/11/2006	09/11/2005	POLYMETAL POWDER AND SINTERED COMPONENT PRODUCED BASED ON THIS POWDER	EUROTUNGSTENE POUDRES	06/03/2009	CHENNAI
3	256218	4218/CHENP/2006	13/05/2005	17/05/2004	A GRAPHITE ELECTRODE AND A METHOD OF PRODUCING A GRAPHITE ELECTRODE	SGL CARBON AG	06/07/2007	CHENNAI
4	256222	3079/CHENP/2004	10/06/2003	11/06/2002	METHOD FOR DECODING DATA USING DEACTIVATION TO DEFER PROCESSING OF SOME RECEIVED SYMBOLS	DIGITAL FOUNTAIN, INC.	17/02/2006	CHENNAI
5	256232	2500/CHENP/2007	10/12/2004	10/12/2004	INITIAL POSITION SETTING METHOD OF GRINDING WHEEL IN VERTICAL DOUBLE DISC SURFACE GRINDING MACHINE	DAISHO SEIKI CORPORATION	07/09/2007	CHENNAI
6	256236	4903/CHENP/2007	05/03/2006	31/03/2005	ORBITAL MILLING TOOL	HANITA METAL WORKS LTD	14/12/2007	CHENNAI
7	256237	3614/CHENP/2006	18/03/2005	02/04/2004	A WINDABLE FILM FOR FOOD PACKAGING	HUHTAMAKI RONSBERG, ZWEIGNIEDERLASSUNG DER HUHTAMAKI DEUTSCHLAND GMBH & CO. KG	15/06/2007	CHENNAI
8	256245	3022/CHENP/2006	18/02/2005	20/02/2004	A METHOD FOR UTILIZING A MEMORY DEVICE FOR A PLC	SIEMENS INDUSTRY, INC.	08/06/2007	CHENNAI
9	256249	2857/CHENP/2004	19/06/2003	21/06/2002	A RAIL ASSEMBLY FOR USE WITH A PRESSURIZED FLUID AND A METHOD THEREOF	INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC	17/02/2006	CHENNAI

10	256250	2837/CHENP/2008	08/12/2006	08/12/2005	CONTINUOUS REFINING METHOD AND CONTINUOUS REFINING EQUIPMENT	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.)	06/03/2009	CHENNAI
11	256255	669/CHENP/2007	14/07/2005	15/07/2004	NECK RING COOLING	OWENS-BROCKWAY GLASS CONTAINER INC	24/08/2007	CHENNAI
12	256256	4352/CHENP/2006	12/05/2005	27/05/2004	FLYING OBJECT FOR OBSERVING THE GROUNDS	MBDA FRANCE	29/06/2007	CHENNAI
13	256257	1725/CHE/2008	17/07/2008 16:07:30	19/07/2007	A METHOD OF CONTROLLING A VEHICLE BRAKE WITH TORQUE CORRECTION	MESSIER-BUGATTI-DOWTY	21/08/2009	CHENNAI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	256229	51/KOL/2008	07/01/2008	31/01/2007	A METHOD OF AND A SYSTEM FOR MONITORING AIR-FLOW RESTRICTION IN AN AIR INTAKE OF AN INTERNAL COMBUSTION ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
2	256233	796/KOL/2007	23/05/2007	23/05/2007	LUBRICANT COMPOSITION FOR POST-LUBRICATION OF ALUMINIUM FOILS AND PROCESS FOR PREPARATION THEREOF	HINDALCO INDUSTRIES LIMITED	05/12/2008	KOLKATA
3	256238	3138/KOLNP/2006	27/04/2005	28/04/2004	ACTIVATION OF A GLASS SURFACE	SAINT-GOBAIN GLASS FRANCE	08/06/2007	KOLKATA
4	256239	2674/KOLNP/2007	16/07/2003	16/07/2002	A METHOD OF GENERATING ANALOGUES OF FKBP-LIGANDS WHICH INCORPORATE A NON-NATURAL STARTER UNIT	BIOTICA TECHNOLOGY LIMITED	01/08/2008	KOLKATA
5	256243	942/KOL/2007	29/06/2007	24/08/2006	AN IMPROVED NITROGEN OXIDES (NOX) REDUCTION SYSTEM AND METHOD FOR AN INTERNAL COMBUSTION ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC	10/04/2009	KOLKATA
6	256248	2828/KOLNP/2007	19/12/2005	11/01/2005	PRINTABLE MEDIUM FOR THE ETCHING OF SILICON DIOXIDE AND SILICON NITRIDE LAYERS	MERCK PATENT GMBH	07/09/2007	KOLKATA
7	256253	914/KOLNP/2006	30/09/2004	07/10/2003	METHOD AND APPARATUS ENCODING AND DECODING VIDEO SIGNALS	ROVI SOLUTIONS CORPORATION	20/04/2007	KOLKATA

8	256254	57/KOLNP/2007	07/07/2005	07/07/2004	A METHOD AND APPARATUS FOR PERFORMING ADAPTIVE MODULATION AND CODING OF A DATA STREAM IN A MULTICARRIER COMMUNICATION SYSTEM	MOTOROLA MOBILITY, INC.	29/06/2007	KOLKATA
9	256260	4367/KOLNP/2008	04/04/2007	05/04/2006	A METHOD FOR PREPARING A COCRYSTAL OF (1S)-1,5-ANHYDRO-1-[3-(1-BENZOTHIEN-2-YLMETHYL)-4-FLUOROPHENYL]-D-GLUCITOL	ASTELLAS PHARMA INC.,KOTOBUKI PHARMACEUTICAL CO., LTD.	06/03/2009	KOLKATA

CONTINUED TO PART- 2