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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

19th APRIL, 2013

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**THE PATENT OFFICE
KOLKATA, 19/04/2013**

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>3 The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi - 110075</p> <p>Phone: (91)(11) 2808 1921 - 25 Fax: (91)(11) 2808 1920 & 2808 1940 E-mail: delhi-patent@nic.in</p> <p>❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.</p>	<p>❖ Rest of India</p>

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

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

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पेटेंट कार्यालय
कोलकाता, दिनांक 19/04/2013
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: cgpdmtm@nic.in</p>	<p>4</p> <p>पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षद्वीप</p>
<p>2</p> <p>पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई - 400 037, फोन: (91)(22) 2413 7701, फैक्स: (91)(22) 2413 0387 ई.मेल: mumbai-patent@nic.in ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.</p>	<p>5</p> <p>पेटेंट कार्यालय कोलकाता (प्रधान कार्यालय), बौद्धिक संपदा भवन, सीपी-2, सेक्टर-V, साल्ट लेक सिटी, कोलकाता- 700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फैक्स/Fax: (91)(33) 2367 1988 ई.मेल: kolkata-patent@nic.in ❖ भारत का अवशेष क्षेत्र</p>
<p>3</p> <p>पेटेंट कार्यालय दिल्ली, बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर - 14, द्वारका, नई दिल्ली - 110 075. फोन: (91)(11) 2808 1921-25 फैक्स: (91)(11) 2808 1920, 2808 1940 ई.मेल: delhi-patent@nic.in ❖ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़</p>	

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

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

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

SPECIAL NOTICE

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

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

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

(Chaitanya Prasad)
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.

CORRIGENDUM (DELHI)

(01)

In the publication of Patent Application No. 9582/DELNP/2008 published under section 11(A) of the Patents Act on 20/03/2009 under the Journal No. 12/2009, the name of the first applicant is to be read as:

The Government Of The United States Of America, As Represented By The Secretary, Department Of Health and Human Services

instead of

**HEALTH AND HUMAN SERVICES,
Further, the name of the third inventor is to be read as:
POIRIER, MIRIAM, C.**

instead of

WALKER, MIRIAM, C.

(02)

The patent number of the corresponding patent applications published u/s 43(2) as detailed below shall be read as new Patent number instead of old published Patent number:

Sl. No.	Old Patent Number (Erroneous)	Application Number	Date of Publication u/s 43(2)	New Patent Number
1	215571	1581/DEL/1999	27/03/2009	255966

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.476/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/02/2013

(43) Publication Date : 19/04/2013

(54) Title of the invention : ADAPTIVE BANDWIDTH CONTROL TO IMPROVE ENERGY FAIRNESS IN WIRELESS SENSOR NETWORK

(51) International classification

:H04J99/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MR. VIVEK DESHPANDE

Address of Applicant :D-19, PRATHMESH, CHINTAMANI
NAGAR, BIBWEWADI, PUNE 411037 Maharashtra India

(72)Name of Inventor :

1)MR. VIVEK DESHPANDE

2)MRS. MEERA THORAT

(57) Abstract :

Wireless sensor network (WSN) is a group of number of sensors called as node. Nodes are spatially distributed to monitor environmental conditions. Multi-hop communication is predictable in significant WSN, because of limited transmission range and energy saving purpose. Traffic load in multi-hop wireless sensor network is not distributed uniformly over the nodes. Sensor nodes closer to the sink carries large number of packets. To avoid the congestion and reduce the probability of packet loss we have maintain the energy fairness by varying bandwidth. Adaptive control of bandwidth reduces the congestion. In ABC algorithm we adjust bandwidth linearly according to buffer occupancy. Following invention is described in detail with the help of FTG. 1 of sheet 1 provides an illustration of relay system of wireless sensor network.

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1111/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : AUTOMATIC ACTIVATION OF FIRE SPRINKLER USING SHAPE MEMORY ALLOY (NITINOL)

(51) International classification	:A62C	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Y. RAS MATHEW
(32) Priority Date	:NA	Address of Applicant :S/O. P. YANOSE, D.NO.21/100,
(33) Name of priority country	:NA	MAVARAVILAI, KALLANKUZHI - POST, KANYAKUMARI
(86) International Application No	:NA	- DISTRICT, PIN - 629 166 Tamil Nadu India
Filing Date	:NA	2)B. GANESH BABU
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Y. RAS MATHEW
Filing Date	:NA	2)B. GANESH BABU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In automatic actuating fire sprinkler (AAFS), two separate pistons are used for actuating the fire sprinkler to open & closed position automatically. When temperature rises above 65°C martensite phase (youngs modulus 30Gpa) of NiTiNol spring changes to austenite phase (youngs modulus 70Gpa), thus the stiffness of NiTiNol spring increases. Hence the compressed NiTiNol made spring expand and actuate the NiTiNol actuated piston to open position. Thus pilot pressure passage gets open. Pilot pressure act on the side of main piston and actuate it to releases the water to put off the fire. When temperature decreases, austenite phase of NiTiNol spring changes to Martensite phase and loses its stiffness. Thus the NiTiNol spring get compressed back to initial position and block the pilot passage. Thus the main piston returns to closed position with the help of big spring and stop the flow of water automatically.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1078/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 19/04/2013

(54) Title of the invention : NETWORK CONTEXT-BASED CONTENT POSITIONING FOR OTT DELIVERY

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL TECHNOLOGIES LIMITED
(32) Priority Date	:NA	Address of Applicant :50-53, GREAMS ROAD, CHENNAI -
(33) Name of priority country	:NA	600 006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHASHIDHAR KRISHNAMURTHY
(87) International Publication No	: NA	2)MUKTA AGARWAL
(61) Patent of Addition to Application Number	:NA	3)SAURABH CHATTOPADHYAY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a method for network-context based content positioning. The method includes receiving a plurality of parameters associated with content, and computing a content positioning relevance index for one or more node using the plurality of parameters. Further, the method includes positioning the content in the network based on the content positioning relevance index.

No. of Pages : 51 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1079/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 19/04/2013

(54) Title of the invention : MULTIMEDIA COPY SOURCE DETECTION

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL TECHNOLOGIES LIMITED
(32) Priority Date	:NA	Address of Applicant :50-53, GREAMS ROAD, CHENNAI -
(33) Name of priority country	:NA	600 006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KADADARI SUBBARAO SUDEENDRA THIRTHA
(87) International Publication No	: NA	KOUSHIK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a method for detecting leakage stage associated with a multimedia. The method includes storing histograms associated with various stages of the multimedia. Further, the method includes receiving candidate histograms associated with various stages of a candidate multimedia, matching the stored histograms with the candidate histograms, and detecting a leakage stage associated with the multimedia in response to a match.

No. of Pages : 35 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1208/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR CLEAN STEEL TAPPING FROM CONVERTER USING PRE TAP PLUG

(51) International classification	:C21C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALLIED METALLURGICAL PRODUCTS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :201/3, 12TH MAIN, 3RD PHASE,
(33) Name of priority country	:NA	PEENYA INDUSTRIAL AREA, BANGALORE-560058
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. V.V. SIVARAM
(61) Patent of Addition to Application Number	:NA	2)MR. ASHISH GADRE
Filing Date	:NA	3)MR. INDRAJIT BOSE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The various embodiments of the present invention provide a system and a method to restrict the flow of slag from a converter during the tapping using a pre tap plug. The Pre Tap Plug comprises two round steel flanges and a central hollow steel pipe. A refractory mass material is sandwiched between the flanges and arranged around the central pipe. The refractory mass is put inside a plastic covering applied with a thin oil layer. The refractory mass and the two flanges are sealed the sealing tapes to prevent an infiltration of air and to avoid an air setting of a plastic mass. After inserting the plug into the tap hole sleeve of the converter, the cylindrical refractory mass is ballooned out and fits inside the tap hole sleeve thereby reducing an opening of the diameter of tap hole sleeve for restricting a flow of the liquid slag.

No. of Pages : 63 No. of Claims : 33

(54) Title of the invention : EVALUATION OF ANTICANCER PROPERTIES OF ACALYPHA ALNIFOLIA KLEIN EX WILLD - IN VITRO AND IN VIVO

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. V. GANESH
(32) Priority Date	:NA	Address of Applicant :ALPHA OMEGA HI- TECH BIO
(33) Name of priority country	:NA	RESEARCH CENTRE, 16, ANBU NAGAR, WATER TANK
(86) International Application No	:NA	BACK SIDE, GORIMEDU, SALEM - 636 008 Tamil Nadu India
Filing Date	:NA	2)MRS. V.K. EVANJELENE
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MR. V. GANESH
Filing Date	:NA	2)MRS. V.K. EVANJELENE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Background & Objectives: Acalypnaalnifolia is an indigenous medicinal belonging to the family Euphobiaceae. It is an endemic species known as Kattu kuppymaeni in tamil. This has been identified as source of antilarvecidal and immunosuppressive compounds. There is no systematic work that has been undertaken on this plant and this is the first report of anticancer activities. The present study has been formulated to understand the in vitro and in vivo anticancer properties elicited by A. alnifolia. Methods: The cytotoxic properties were evaluated, on cancer cells of ascetic tumour (DLA) cell lines and compare with normal cell line L-6 (Rat, Normal muscle) using MTT colorimetric assay for 24, 48 and 72 hrs. In vivo model was carried out with female Swiss albino mice (20±2 g, 6-8 weeks old) were used for acute toxicity and anticancer study. Mice were housed in open top cages and maintained on food and water ad libitum. Room temperature was maintained at 22±2°C with light and dark cycle of 14/10 h. Daltons lymphoma [DLA] was maintained in ascetic form by serial transplantation in Swiss albino mice. The animals, total of 42 were divided into five groups (six mice in each group) Group 1-Group 5. After the treatment on day 11th day, i.e. after 24 h fasting after last dose, blood samples were collected from the animals by retro-orbital puncture under mild anesthesia (diethyl ether) and were subjected to hematological parameters and animals were kept to check the following parameters: average life span, percentage increase in life span (% ILS), body weight analysis, packed cell volume, viable tumor cell count, hematological parameters. Standard drug, 5-FU was used to compare with test drug. Results: The human DLA (ascetic tumour) was found to be more susceptible with a CTC50 value of LM (leaf-methanol). 450 ng/ml (MTT). The leaf aqueous extracts (LA) showed less activity as indicated by the relatively high CTC50 values. The extracts of the LM showed activity against L-6 with CTC50 values, >1000 µg/ml (MTT) respectively. Treatment with test drugs LM showed a significant and dose dependant reduction in percentage increase in body weight, viable tumour cell count, hematological parameters (p<0.001), when compared to tumour control group. Interpretation & Conclusion: The findings of the present study suggest that the methanolic leaf extracts possess excellent anticancer potential that may be used for therapeutic purposes for cancer treatment with proper evaluation procedures. Keywords: anticancer, Acalypha, cytotoxic, medicinal plants, plant extract.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1315/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : A METHOD FOR IMPROVED PROVISIONING OF INFORMATION TECHNOLOGY RESOURCES AND DEVICES THEREOF

(51) International classification	:H04L, G06Q	(71)Name of Applicant : 1)WIPRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :DODDAKANNELLI, SARJAPUR
(32) Priority Date	:NA	ROAD BANGALORE-560035, Karnataka India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SRINIVAS KOLLUR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method, non-transitory computer readable medium, and information technology (IT) resource optimization apparatus that improves the provisioning of IT resources includes obtaining for each of a plurality of users of IT resources, demographic attributes and an entitlement record comprising an indication of an assigned one or more of the IT resources. For each of the demographic attributes, which of one or more of the IT resources assigned to a threshold number of the plurality of users sharing the demographic attribute are identified. For each of the plurality of users, a recommended provisioning profile is generated based on the identified IT resources. For one or more of the plurality of users, provisioning recommendation(s) are determined based on a comparison of the recommended provisioning profile for the one or more users to the entitlement record for the one or more users. The determined provisioning recommendation(s) are output.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1317/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 19/04/2013

(54) Title of the invention : CEILING FAN BLADES AS TURBINE FOR GENERATOR WINDING

(51) International classification

:H02K

(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)NITESH KUMAR

Address of Applicant :BHARATHI NIVAS, ROOM NO. 64,
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OPPOSITE-VIT, VELLORE - 632 006 Tamil Nadu India

(72)Name of Inventor :

1)NITESH KUMAR

(57) Abstract :

The prototype is designed to generate electricity. A rotor is fixed on the axle of the ceiling fan. It is surrounded by the stator with several magnetic poles. The rotor is fixed on the upper extreme of the fans axle. It produces the electrical power when the rotating coil cuts the magnetic field lines each time. The power output is used to run other ceiling fan with the same axle and generator winding arrangement. This invention will helps us to save the electricity. It is a kind of In-house electricity generation. Each of the ceiling fans of this configuration is generating electricity. The generated electrical power from the generator winding is used to run the motor of another fan.

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

(54) Title of the invention : INTELLIGENT ROBOTIC REST ROOM CLEANER

(51) International classification :A47L (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)K.B. PERIYASAMY Address of Applicant :S/O K.P. BALAGANESAN, LAKSHMI MALIGAL, K.K. ROAD, PERUNDURAI, ERODE DISTRICT, PIN: 638 052 Tamil Nadu India 2)G. SARAVANAN 3)R. RAGUKARTHICK 4)D. VISHNU 5)S. VIJAYAN 6)A. FARITH KHAN (72)Name of Inventor : 1)K.B. PERIYASAMY 2)G. SARAVANAN 3)R. RAGUKARTHICK 4)D. VISHNU 5)S. VIJAYAN 6)A. FARITH KHAN
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(57) Abstract :

This invention relates to the field of electronics and robotics. More specifically, can say as to clean our rest room by using this intelligent robotic rest room cleaner. Our invention is for social welfare and increases our human values in this modern society. Whenever the input is given to this rest room cleaner it starts the cleaning process in the Indian toilet sheet. This invention deals with an assistive robotic arm used for rural and urban areas people. From early days to till now our people cleaned the rest room manually, They didnt use any protective material such as gloves, mask, overcoat, washing solution etc., so, they were affected by bacteria (streptococci), virus (herpes virus), and parasite (schitosome). Traditional toilet cleaning system was causing health hazard to common people whereas the modern technical advancement helps the people to get rid of the fear of bacterial infection. Health officials say those severe acute respiratory syndrome (SARS) viruses are spread by contact with a contaminated toilet sheet. In order to avoid these problems and give good sanitation to the society, we would like to present this invention for social welfare. We use mechanical system which incorporates with some miniaturized motors and brushes as well as embedded system by using PIC controller. We give input to the system. It receives the information, and then sends the commands to the concerned sub systems within few micro seconds. Arm detects the reference point and starts its functions. Working process is coded in embedded C language.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/03/2013

(21) Application No.1366/CHE/2013 A

(43) Publication Date : 19/04/2013

(54) Title of the invention : PRODUCTION OF SECONDARY METABOLITES FROM ACID TOLERANT ACTINOMYCETES (STREPTOMYCES SANNANENSIS KSRII) AND THEIR ANALYSIS BY GC-MS METHOD

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)B. NITHYA
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF
(33) Name of priority country	:NA	BIOTECHNOLOGY, K.S.R. COLLEGE OF TECHNOLOGY,
(86) International Application No	:NA	TIRUCHENGODE - 637 215 Tamil Nadu India
Filing Date	:NA	2)P. PONMURUGAN
(87) International Publication No	: NA	3)N. MATHIVANAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)B. NITHYA
(62) Divisional to Application Number	:NA	2)P. PONMURUGAN
Filing Date	:NA	3)N. MATHIVANAN

(57) Abstract :

Actinomycetes especially Streptomyces spp. are known to produce an array of bioactive compounds with diverse biological properties for biomedical applications. Studies were undertaken to produce wide spectrum of secondary metabolites from acid tolerant actinomycetes especially Streptomyces sannanensis by following Bioprocess Engineering and Technology methods. The crude extract obtained from KSR11 strain was subjected to the column chromatography to get different fractions. The partially purified fifth fraction of the bioactive compounds was further analyzed by GC-MS instrument. The results revealed that KSR11 strain could produce a wide range of volatile compounds in its culture filtrate which was extracted by ethyl acetate solvent. The volatile compounds were identified based on the peak area, molecular weight and Rt values (retention time) by the spectral data. The compounds were further compared with the mass spectra from the compound library which indicated that a total of about 18 compounds were noticed. The derived compounds were belonged to aldehyde, esters, alcohols ketone, monoterpene oxide alkane and plasticizer. The maximum peak of 3-Ethyl-3-methylheptane was observed (36.79) followed byl-Octanol, 3, 7-dimethyl-, (S) -(27.95) and 1-Undecene, 7-methyl- (7.11). The minimum peak was observed with butanoic acid and 2-propenyl ester (0.40) in the spectral analysis. In addition, anthracene, quinone and qnthraquinone derivatives covering Silane, Pyridine and Amino malonic acid compounds were also recorded. It has been reported that actinomycetes are known to produce an array of bioactive secondary metabolites which are anthracene, quinone and qnthraquinone derivatives in general by some Investigators, however, the compounds such as Silane, Pyridine and Amino malonic acid were extracted for the first time from the actinomycetes group. These identified metabolites from KSR11 strain may be served upon the mechanism for inhibiting the pathogenic microorganisms which in turn useful for the discovery of new drug molecules. Further, these compounds are having different diversified applications in biomedical research.

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2013

(21) Application No.1334/CHE/2013 A

(43) Publication Date : 19/04/2013

(54) Title of the invention : A PROCESS FOR PREPARING HALOGENATED HERBAL COLOUR POLYMER FOR PHYSIOLOGICAL SEED TREATMENT

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DHARMALINGAM SANTHOSH PRABU
(32) Priority Date	:NA	Address of Applicant :NO: 5/3A, NEW THILLAI NAGAR,
(33) Name of priority country	:NA	P.N. PUDUR (POST), COIMBATORE - 641 041 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DHARMALINGAM SANTHOSH PRABU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this chemical composition a halogen source either in the pure form or compounded form is prepared as a premix solution not exceeding 4%. Botanical extract is derived either by filtration or distillation method, which shall not exceed a concentration of 5%, 8% of volume and 10% if weight. The adhesive in aqueous medium is prepared separately at a concentration not exceeding 44% on weight or volume. Vitamins up to 5% on volume are thoroughly mixed to form a solution alongwith 1% of aspirin, which is an antioxidant. Pigments, colours, dispersing agents and wetting agents are mixed to form the desired colour as a paste or emulsion. The ratio in which all the above mentioned ingredients are mixed depends on the nature, formulation and surface area of the seeds on which it has to be applied. In any case, the ingredients shall not exceed the higher limit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1355/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :27/03/2013

(43) Publication Date : 19/04/2013

(54) Title of the invention : ENHANCED PHOTOELECTROCHEMICAL ACTIVITY OF TiO₂:Bi₂S₃ NANOTUBE ARRAYS FABRICATED USING ANODIZATION OF Ti FOIL

(51) International classification

:B82Y

(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)PROF. D. PATHINETTAM PADIYAN

Address of Applicant :PROFESSOR, DEPARTMENT OF PHYSICS, MANONMANIAM SUNDARANAR UNIVERSITY ABISHEKAPATTI, TIRUNELVELI - 627 012 Tamil Nadu India

(72)Name of Inventor :

1)PROF. D. PATHINETTAM PADIYAN

2)MS. S.T. NISHANTHI

(57) Abstract :

Bi₂S₃ nanoparticles were successfully incorporated into TiO₂ nanotubes and it enhanced the photoelectrochemical water splitting activity. The as-anodized TiO₂ was amorphous in nature and crystallized to anatase phase at 480 °C. The coupled semiconducting photoelectrode TiO₂:Bi₂S₃, showed lower band gap than pure TiO₂ and relatively much better activity in photoelectrochemical water splitting. A maximum photocurrent density of 2.38 mA/cm² with a photoconversion efficiency of 17.37 % was obtained which is much greater than that of pure TiO₂ nanotubes. These results were mainly due to improved separation of charge carriers which minimized the recombination losses and increased the transportation of photogenerated electrons in the coupled semiconducting photoelectrode. It is demonstrated for the first time that photoelectrochemical water splitting can be achieved without any external bias voltage using TiO₂iBi₂S₃ nanotubes fabricated over Ti foil.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1430/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : GRAVITATIONAL POTENTIAL ENERGY PROPELLED NOVEL POWER GENERATOR

(51) International classification	:F03G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S. SHUNMUGA PERUMAL
(32) Priority Date	:NA	Address of Applicant :NO: 6, 2ND CROSS STREET,
(33) Name of priority country	:NA	DHANDEESWAR NAGAR, VELACHERY, CHENNAI - 42.
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	2)V. RHYMEND UTHARIARAJ
(87) International Publication No	: NA	3)V.R.ELGIN CHRISTO
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)S. SHUNMUGA PERUMAL
(62) Divisional to Application Number	:NA	2)V. RHYMEND UTHARIARAJ
Filing Date	:NA	3)V.R.ELGIN CHRISTO

(57) Abstract :

The present novel power generator uses the non-scarce, renewable, eco-friendly gravitational potential energy to generate electricity. The power generator comprises of two smart arms separated by an angle of 180°, where head end of each arm is perpendicularly connected to the main shaft through hydraulic cylinders and other end of smart arm is connected to bobs of equal mass. The main shaft is supported by a supporting frame using magnetic bearing. Hydraulic cylinders with the help of sensors and microcontroller adjust the length of smart arms to trigger the gravitational force and hence the smart arms along with the main shaft rotate continuously in vertical circular trajectory. The main shaft is connected with the generator shaft via low friction gear box. The generator converts the rotational mechanical energy into electrical energy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1498/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 19/04/2013

(54) Title of the invention : NEW CRADLE DESIGN FOR TOP ARM

(51) International classification

:D01H

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)RAJU GOVINDASAMY

Address of Applicant :13/25, SIVASUBRAMANIAM

NAGAR, NEHRU NAGAR WEST, CIVIL AERODROME

POST, COIMBATORE - 641 014 Tamil Nadu India

(72)Name of Inventor :

1)RAJU GOVINDASAMY

(57) Abstract :

A New Cradle Design for Top Arms to improve the control of the fiber strand in the main drafting zone, by having an extended portion of the cradle to reposition the top apron forward and the thickness of cradle tip is reduced so that the top apron goes very close to front top roller, thereby giving better control over the fibre strand and where the top part of the cradle does not come into contact with the top apron, thereby reducing the friction between top apron and the cradle, to allow for smooth running resulting in significant reduction in the level of imperfections and Classimat faults.

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

(54) Title of the invention : EXCOGITATION OF ATM BASED VOTING THE RESTFUL WAY

(51) International classification	:H04Q, G07C	(71) Name of Applicant : 1)SRIVATSAN.S
(31) Priority Document No	:NA	Address of Applicant :NO. 3, KALYANASUNDARAM
(32) Priority Date	:NA	STREET, MUTHULAKSHMI NAGAR, CHITLAPAKKAM,
(33) Name of priority country	:NA	CHENNAI - 600 064 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SRIVATSAN.S
(87) International Publication No	: NA	2)KAUSAL MALLADI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Online voting (e-voting) is gaining its momentum as a flexible means of voting system that has been talked about very often but not been implemented successfully on a large scale. Keeping in mind the cost of conducting an election for a particular country, this approach is proposed. It can be used for registration of voting right for any individual as well as the ATM Card Registration that could be used as a primary identity for all elections along with its the usage for online voting. Further the voting process uses a voting Personal Identification Number (PIN) based authentication process for each voter with the option of emergency notification embedded on to it providing addition level of authenticity. This system provides a cost-effective solution in comparison to the existing Electronic Voting Machine (EVM) based system, as well as all the existing ballot-based systems as it is proposed to be integrated on to the existing ATM Terminals itself. REST style of Web Service development offers great simplicity, flexibility and hence is being adopted in several domains. REST style reduces the load on servers considerably and hence the additional non-financial services in the ATM terminals can be easily developed and deployed. This implementation is based on a bunch of RESTful Web Services developed on Java platform to accomplish a robust ATM based e-voting system. REST can indeed relax the ATM servers off load and help them serve much better in terms of efficiency and the number of services.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1586/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 19/04/2013

(54) Title of the invention : BIOMASS GASIFIER STOVE

(51) International classification

:F24C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DR. KUMAR G N

Address of Applicant :ASSISTANT PROFESSOR DEPT. OF
MECHANICAL ENGINEERING, NATIONAL INSTITUTE OF
TECHNOLOGY KARNATAKA SURATHKAL, MANGALORE
- 575 025 Karnataka India

2)S. VENKATESH KAMTHA

(72)Name of Inventor :

1)DR. KUMAR G N

2)S. VENKATESH KAMATH

(57) Abstract :

We claim the entire assembly of Biomass Gasifier stove which is operated by hand blower as described in the illustrated figures and drawings.

No. of Pages : 8 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1910/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : U CRAFT

(51) International classification

:B64B

(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)C. PRABHAKAR

Address of Applicant :6, 4TH CROSS, JAI BHARATH
NAGAR, BANGALORE - 560 033 Karnataka India

(72)Name of Inventor :

1)C. PRABHAKAR

(57) Abstract :

The above said method is very useful for Transportation of goods as well as passengers Which doesnt need any terrain path, which means ultimate off road transportation made feasible. In modern times, due to heavy traffic leads to undue congestion and delay in reaching destinations Due to vast potential available in the upper space, which can be made use by applying above method Of transportation.

No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEMS AND METHODS TO ENABLE ECO-DRIVING

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli Sarjapur Road
(33) Name of priority country	:NA	Bangalore 560035 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAYDIP MUKHOPADHYAY
(87) International Publication No	: NA	2)PRAKASH RAO KULKARNI
(61) Patent of Addition to Application Number	:NA	3)SUDIPTA GHOSH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for enabling eco-driving are herein provided. Systems and methods in accordance with the present disclosure allow for real-time monitoring of greenhouse gas emissions and other variables that influence the environmental friendliness of vehicle operation. Systems and methods in accordance with the present disclosure also provide analytical tools for quantifying the environmental friendliness of vehicle operation and driving patterns

No. of Pages : 50 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3107/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SQUIRREL-CAGE INDUCTION MOTOR FOR HYBRID AND ELECTRIC VEHICLE

(51) International classification	:B60K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S. KIRLOSKAR ELECTRIC COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :INDUSTRIAL SUBURB,
(33) Name of priority country	:NA	RAJAJINAGAR, BANGALORE - 560 010 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. DEEPAK ANANT DESAI
(87) International Publication No	: NA	2)MR. RAMESH NAYAK VANKDEBETTU
(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 squirrel cage induction motor particularly for hybrid and electric vehicles. The motor has been designed such that it takes less voltage and produces higher torque and speed. Moreover it uses a low cost technology but on the other hand is highly reliable and maintenance free. During heavy load and in the regions where Engine is not efficient, motor assists engine and improves the engine performance. During braking, idle running or under-loading this machine acts as generator and recover power.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3547/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/11/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : PROCESS, SYSTEM AND CONFIGURATION FOR INTEGRATED OCEAN ENERGY CUM DESALINATION SYSTEM

(51) International classification	:C02F
(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	:196396
Filed on	:21/02/2003
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DR. ABRAHAM EBENEZER MUTHUNAYAGAM
Address of Applicant :FORMER SECRETARY TO GOVT
OF INDIA, DEVDHAN, WEST LUTHERN STREET,
NAGERCOIL - 629 001 Tamil Nadu India

(72)**Name of Inventor :**
1)DR. ABRAHAM EBENEZER MUTHUNAYAGAM

(57) Abstract :

This Integrated Ocean Energy cum Desalination system for ocean waters, adopts Low Pressure Distillation for desalination and Ocean Thermal Energy Conversion for energy generation. In this system the major sub systems are Instrumentation & Control system, Saline Water Vaporization System, Fresh Water Condensation System, Ammonia Vaporization System, Power Plant System, Ammonia Condensation System, Vacuum Pumping System and Ammonia Operating System. The energy generated in situ meets all energy requirements. Both energy generation and desalination are integrated with a common working fluid like ammonia which operates on a closed loop system. In this process for energy generation, the solar energy stored in the warm ocean waters in the upper strata is extracted and used for energy generation and the unused energy is rejected to the heat sink in the cold ocean waters in the depth. The ocean waters between the upper strata and the depth, having a temperature difference are utilized as source and sink. The working fluid (ammonia), stored as liquid is circulated through a low pressure condenser where it condenses water vapor free from dissolved salts and becomes vapor. Additional energy from ocean is added to a specified quantity of this vapor to attain the design conditions to drive a turbine which is coupled to an electric generator to produce electric power. The entire working fluid vapor, operating in the closed loop is condensed as liquid using the cold waters from the depth of about 1000 meters, stored and recycled.

No. of Pages : 24 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.581/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : RECHARGING ELECTRIC CARS WITH NOZZLE AND HORIZONTAL WIND TURBINE

(51) International classification	:F03D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)A. MOTHILAL
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF MECHANICAL
(33) Name of priority country	:NA	ENGINEERING KALASALINGAM UNIVERSITY ANAND
(86) International Application No	:NA	NAGAR, KRISHNANKOIL, SRIVILLIPUTHUR - 626 126
Filing Date	:NA	Tamil Nadu India
(87) International Publication No	: NA	2)K.P. ALAGU RAJESHWARAN
(61) Patent of Addition to Application Number	:NA	3)P. ANANDA KUMAR
Filing Date	:NA	4)N. ANEESH SIVARAM
(62) Divisional to Application Number	:NA	5)A. RAJHA GOPAL
Filing Date	:NA	6)DR. S. RAJA KARUNAKARAN
		(72)Name of Inventor :
		1)A. MOTHILAL
		2)K.P. ALAGU RAJESHWARAN
		3)P. ANANDA KUMAR
		4)N. ANEESH SIVARAM
		5)A. RAJHA GOPAL
		6)DR. S. RAJA KARUNAKARAN

(57) Abstract :

In todays trend automobile affects the environments at a greater extend. Hence our project deals not only in protecting the environment but also efficient use of fuel resources. This technology uses the aerodynamic feature of a car to generate power using nozzle and horizontal wind turbine. The nozzle mouth is kept parallel to the angle of wind shield inclination, so that there will be less air resistance. The horizontal wind turbine is kept above the roof where the wind is focused by the nozzle. Thus we are gaining maximum velocity by the nozzle. Gears are used for transmission of power from wind turbine to the dynamo(DC GENERATOR).The output of dynamo is connected to the adaptor, which supplies constant power required for recharging the battery. The main aim is to use the renewable energy since it will be the only source of power in future. The usage of vertical axis wind turbine will support the existing aerodynamic feature of the car with minimum air resistance.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.217/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 19/04/2013

(54) Title of the invention : HIGH POWER LED LIGHTING

(51) International classification	:F21S6/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SARBAJIT CHAKRABORTY
(32) Priority Date	:NA	Address of Applicant :149, FIRST FLOOR, BLOCK - B
(33) Name of priority country	:NA	BANGUR AVENUE, KOLKATA WEST BENGAL - 700055
(86) International Application No	:NA	West Bengal India
Filing Date	:NA	2)SUNIL S. RATHI
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SARBAJIT CHAKRABORTY
Filing Date	:NA	2)SUNIL S. RATHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This innovation in LED lighting is based on parallel connection of High Power LEDs. It eliminates the use of OP-AMP(s) and Driver Circuit(s). It has for the first time used MOSFET for input and output power control. It is the first LED lighting to use transformer because of which it gets a constant voltage supply and thus it can withstand voltage fluctuations. It is the first to use High Power LED e.g. LUXEON, EDIXEON because this innovation can successfully manage the heat generated and released by these High Power LEDs even when they are arranged in an array. By removing OP-AMP and Driver Circuits, this innovation enhances life of LED lighting, makes them more compact, lighter in weight, lesser in cost, and reduced dependence on maintenance of lighting. This innovation consists of unique circuit depicted as Circuit Diagram. This circuit transforms this innovation into a 4th generation lighting wonder.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1384/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :04/12/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : A NOVEL HORIZONTAL VIBRATING MACHINE.

(51) International classification	:F16C23/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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HOWRAH - 711 202, WEST BENGAL, INDIA.

(72)Name of Inventor :

1)PATIL RAJENDRA KRISHNA (ALIAS SWAMI DURGANANDA)

(57) Abstract :

Vibrating machines existing in the market are invariably complex in structure, requiring foundation and cannot be easily moved and/or relocated. Besides, these machines are mainly meant for executing vibration in the vertical direction requiring the vibrated part to be placed over it. This invention aims at providing a novel horizontal vibrating machine which can be kept away from the part to be vibrated and has a substantially simple mechanism. It comprises in combination : a) a prime mover (1) driving the mechanism ; b) a transmission means (2) ; c) a drive shaft (3) carrying an adjustable eccentric weight (4), held in place with plurality of nuts (5) ; d) plurality of bearings (6) with suitable housing and retaining pieces (7) therefor ; e) plurality of restraining springs (9) to contain vibration and runaway; f) a hinge pin (10) supported on frame (20), about which a plurality of rocking arms (12) oscillate about bushes (13) ; g) a rocking cradle (14) mounted at the end of rocking arm (12) ; h) an actuating arm (16) connected to the rocking cradle (14) through a plurality of bearings (17), which actuates the recipient through a paw-like holding device (19), and i) a frame in parts (22), (23) and (24)that houses the constituent components.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.214/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 19/04/2013

(54) Title of the invention : DESIGN AND DEVELOPMENT OF A LOW SPEED SOLAR CAR FOR CITY RIDE.

(51) International classification	:B60K16/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :NATIONAL INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY, ROURKELA-769008,DIST-SUNDARGARH,
(86) International Application No	:NA	Orissa, India.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Dr. DAYAL R PARHI
(61) Patent of Addition to Application Number	:NA	2)Mr. ALOK KUMAR JHA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is related to the design and development of a four wheeled vehicle for city ride with a maximum speed of 40km/h and within 40 km/h of range. In particular it uses solar power to charge the batteries which in turns runs the vehicle. Various component of the vehicle have been designed to make it compact and light in weight. DC brushless hub motors are directly fitted in the rear wheels to minimize the transmission loss. Moreover controller action is made in such a way to give smooth ride during transportation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.213/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 19/04/2013

(54) Title of the invention : PROCESS OF PRODUCING A SYNTHETIC FUEL (CARBODEISEL) FROM CARBON BLACK AND USE THE SAME AS AN ALTERNATE FUEL FOR CI (DIESEL) ENGINES.

(51) International classification	:C10B57/04	(71) Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :NATIONAL INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY, ROURKELA-769008,DIST-SUNDARGARH,
(86) International Application No	:NA	Orissa, India.
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)Dr. S. MURUGAN
(61) Patent of Addition to Application Number	:NA	2)Mr. ARUN KUMAR WAMANKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention describes a novel process of producing a synthetic fuel by mixing carbon black and diesel fuel following four different processes in a sequence. The said invented synthetic fuel namely Carbodiesel is proposed as an alternative fuel in compression ignition (CI) engine whose compression ratio is limited to 17.5. The maximum percentage of carbon black in the Carbo diesel is limited to 20% while diesel fuel is 80%. The said invented fuel has properties similar to that of diesel fuel.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CALORIE PLANNING AND DYNAMIC DIET CHART PREPARATION

(51) International classification	:A61P3/00
(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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2)DEBOTOSH BHATTACHARJEE

3)MITA NASIPURI

(72)Name of Inventor :

1)PRAMIT GHOSH

2)DEBOTOSH BHATTACHARJEE

3)MITA NASIPURI

(57) Abstract :

Human beings were also animals at the beginning of the human civilization. They need to undergo immense physical labour to collect food starting from animal hunting to manual agriculture. Amount of calorie required during that time cannot be same as that in these hi-tech modern days, where physical-labour is minimum. Less we burnt calorie through physical labour more we deposit it in our body and as a consequence obesity is appeared to be an epidemic all over the world now-a-days. Long term obesity causes many diseases like heart attack, stroke, diabetes and many more. If a person honestly wants to check his/her obesity by controlling food habit, it is very difficult because he/she has generally been prescribed a static diet chart which is to be followed strictly for a specific period of time and after completion of that period another costly and time-taking health-checkup would suggest any changes in the diet chart. The objective of this work is to propose an ASIC to calculate the amount of calorie spent by the body and generate dynamic diet chart based on that amount of calorie spent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4123/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : NOXIOUS ORGANISM CONTROL AGENT

(51) International classification :A01N47/40,A01N37/18,A01N43/40
(31) Priority Document No :2010-194584
(32) Priority Date :31/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/069352
Filing Date :26/08/2011
(87) International Publication No :WO 2012/029672
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MEIJI SEIKA PHARMA CO., LTD.
Address of Applicant :4-16, KYOBASHI 2-CHOME, CHUO-KU, TOKYO 104-8002 Japan
(72)Name of Inventor :
1)KAGABU ,SHINZO
2)MITOMI, MASA AKI
3)KITSUDA, SHIGEKI
4)HORIKOSHI , RYO
5)NOMURA, MASAHIRO
6)ONozAKI, YASUMICHI

(57) Abstract :

The present invention relates to amine derivatives each represented by chemical formula (I) (wherein Ar represents a phenyl group or the like; Ri represents a hydrogen atom or the like; R2 represents a C1-6 alkylcarbonyl group or the like; R3 represents a C1-8 alkylene group or the like; and R4 represents a hydrogen atom or the like) and a noxious organism control agent comprising at least one of the derivatives. It is found that the amine derivative has an excellent activity for use as a control agent of agricultural and horticultural pests.

No. of Pages : 201 No. of Claims : 24

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.1365/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : AN ELECTRICAL HEATING TAPE AND METHODS THEREOF

(51) International classification

:G05G

(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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2)RAVI GURUPADIAH REVAIAH

3)MUTHUSWAMY SHANMUGASUNDARAM

SUBBULAKSHMI

4)SIVANKOIL NARAYANAN VIJAYALAKSHMI

5)TEGGINAMATH KOTRESH

6)AGARAM SHRINIVAS MURTHY KRISHNA PRASAD

7)VINOD CHIDAMBAR PDAKI

(57) Abstract :

The present disclosure provides an electrical heating tape (1) for heating a garment, said tape comprising; plurality of base yarns woven in predetermined pattern to form a band (2) of the heating tape (1); and plurality of stainless steel filament yarns (3) woven into the band (2) and are woven next to each other by providing predetermined space between them, wherein said stainless steel filament yarns (3) are joined at their ends (3a) to form parallel connections for providing a required resistance for heating the garment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1599/DEL/2010 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CREATING, PROCESSING & PROJECTING MOTION PICTURE

(51) International classification

:H04N

(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)VIJAYAN RAJAPPAN NAIR

(57) Abstract :

The present invention is directed towards the field of creation, processing and projection of motion picture and sound with a predetermined rate of frames per second that make it difficult to further capture the motion picture thus being projected played on the screen with a conventional motion picture camera without experiencing a substantial amount loss of video data or a loss in quality of the video. Particularly, the present invention describes a method and a system that creates, processes, and projects motion picture or a video and sound with a predetermined rate of frames per second that make it difficult to further capture the motion picture thus being projected played on the screen with a conventional video camera without experiencing a substantial amount loss of video data or a loss in quality of the video and audio.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2234/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : ARCHITECTURE FOR CONTROLLING BEAM STEERING IN ACTIVE PHASED ARRAY RADAR AND A METHOD THEREOF □

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA □

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

Address of Applicant :Ministry of Defence Govt. of India

Room No. 348 B-wing DRDO Bhawan Rajaji Marg New Delhi 110105 India.

(72)Name of Inventor :

1)BELLUR VENKATESH RAMESH

2)KILLARI SREENIVASULU

3)DEVAL KUMAR

4)AMIT SINGH BISHT

5)SOMSING RATHOD

(57) Abstract :

The present disclosure relates to hardware and software design issues pertaining to architectural partitioning of Beam Steering Controller and array calibrator for achieving 2-D control with respect to phase and amplitude for elements including transmit/receive (T/R) modules used in modern Active Phased Array Radars. In one embodiment, a modular and hierarchical multi level beam steering controllers are realized using low cost high-speed Field Programmable Gate Arrays (FPGA) devices at each of these levels. This disclosure leads to distribution of command and control at each level, manifesting in very fast phase and amplitude control of each T/R modules of Active Phased Array Radar with additional advantage of reduced wiring complexity by employing serial bus interface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2512/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : ATMOSPHERIC ENERGY TAPPING DEVICE

(51) International classification	:B23P15/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. B.S. GILL
(32) Priority Date	:NA	Address of Applicant :MANAV RACHNA
(33) Name of priority country	:NA	INTERNATIONAL UNIVERSITY, SECTOR 43, FARIDABAD
(86) International Application No	:NA	- 121003, HARYANA India
Filing Date	:NA	2)ABHIMANYUE BHAGAT
(87) International Publication No	:NA	3)DARPAN DAHIYA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHUPINDER SINGH GILL
(62) Divisional to Application Number	:NA	2)ABHIMANYUE BHAGAT
Filing Date	:NA	3)DARPAN DAHIYA

(57) Abstract :

The process of compressing air to a certain pressure is being carried out for ages. The uses of compressed air are also unlimited and diverse. It is a well known and established fact that in the process of air compression the work done on the system to compress the air is converted entirely into heat energy and is usually dissipated to the atmosphere. It is also noted that we are left with a certain volume of compressed air at a pressure greater than the atmospheric pressure. This invention deals in tapping the heat energy available in the atmosphere around us and converting it into useful work by the process of expansion of compressed air along with utilizing the heat energy that was dissipated during the work of compression.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.283/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :13/02/2009

(43) Publication Date : 19/04/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PRODUCTION OF COCONUT BEVERAGE

(51) International classification	:A23L1/00
(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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2)COCONUT DEVELOPMENT BOARD

(72)Name of Inventor :

1)SN RAGHAVENDRA

2)NK RASTOGI

3)KSMS RAGHAVRAO

4)MAYA PRAKASH

5)KK BHAT

(57) Abstract :

Present invention describes the process for the production of coconut beverage from the solid (white meat) as well as liquid (coconut water) endosperm from tender coconut having good shelf life and sensory characteristics. The improvement in the production method of said coconut beverage lies in the way of selecting the thermal processing steps, conditions/parameters and components to obtain a value added product. The component of coconut beverage obtained by present process comprises coconut water and the thin solid endosperm in the ratio 1.5:1.0 to 2.5:1.0 and sugar (5 to 10%), xanthan (0.005 to 0.010%) , sodium carboxy methylcellulose (0.0025 to 0.005%) .based on total weight of coconut water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1062/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/04/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : FLUTTER INDICATOR FOR THE FAN OF GAS TURBINE ENGINE

(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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Address of Applicant :Ministry of Defence Govt. of India
Room No. 348 B-wing DRDO Bhawan Rajaji Marg New Delhi
110 105 India.

(72)Name of Inventor :

1)B K JHA

2)A N VISHWANATH RAO

3)T MOHANA RAO

(57) Abstract :

The present disclosure provides a system for detecting flutter of an engine, comprising, plurality of dynamic pressure transducers mounted on at least one of pressure compression chamber for sensing fluid pressure variation. Further a signal conditioning and processing unit is provided for producing and detecting the frequency spectrum and the trending amplitude of side bands between a predetermined frequency range in response to the pressure variation measured by the dynamic pressure transducer. And a display unit to display the presence of flutter in response to the detected frequency spectrum in the predetermined frequency range.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1195/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :21/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : A CANISTER HOLDING AND DEPLOYING SYSTEM FOR A MOBILE AUTONOMOUS LAUNCHER (MAL)□

(51) International classification :F41F		(71)Name of Applicant :
(31) Priority Document No :NA		1)THE DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION [DRDO]
(32) Priority Date :NA		Address of Applicant :Address: Ministry of Defence Govt. of India Room No. 348 B-wing DRDO Bhawan Rajaji Marg New Delhi 110 105 India.
(33) Name of priority country :NA		(72)Name of Inventor :
(86) International Application No :NA		1)SIDDALINGAPPA GURUPRASAD
Filing Date :NA		2)SHREEDHAR ARAVIND KATTI
(87) International Publication No : NA		3)ALASANI PRASAD GOUD
(61) Patent of Addition to Application Number :00686/DEL/2009		4)VIKAS NARAYAN WAGHMARE
Filed on :31/03/2009		5)SANJAY KUMAR
(62) Divisional to Application Number :NA		6)ATUL GUPTA
Filing Date :NA		7)RAVINDRA SUDHAKAR KHIRE
		8)TUSHAR KANT SANTOSH
		9)BIMAL GAUTAM
		10)PARAS RAM

(57) Abstract :

An embodiment of the disclosure is related to a canister holding and deploying system for a mobile autonomous launcher (MAL) (11). The system includes plurality of saddle assemblies being supported at plurality of support mechanism for holding at least one canister. Plurality of clamping brackets is connected to the plurality of saddle assemblies to hold the plurality of canister there between. The system further includes plurality of connecting links which are provided between predetermined support mechanisms; and a sliding cylinder provided between predetermined support mechanism and launch beam and is being configured to facilitate sliding movement of the support mechanisms.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1528/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :23/07/2009

(43) Publication Date : 19/04/2013

(54) Title of the invention : 8 PORT ASYNCHRONOUS EMBEDDED FLASH PROGRAM 8 BIT MICROCONTROLLER

(51) International classification	:G11C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DEPARTMENT OF INFORMATION TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :MCIT GOI Electronics Niketan 6
(33) Name of priority country	:NA	CGO Complex Lodhi Road New Delhi India
(86) International Application No	:NA	2)BHARAT ELECTRONICS LIMITED
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAMESH RAGHAVAN NADAMUNI
(61) Patent of Addition to Application Number	:NA	2)LAKSHMAN ARUMUGAM
Filing Date	:NA	3)CHARITA LAKSHMIKESHA VAIAH BANGALORE
(62) Divisional to Application Number	:NA	4)KIRAN HOOVINALLI
Filing Date	:NA	

(57) Abstract :

An eight bit microcontroller basic core is designed with the basic functional blocks like Arithmetic logic units, Registers, Control unit, special function registers. The core is added with 8 ports, I2C, SPI, Serial communication modules, POR, RAM, Flash Memory and also an In-Circuit Flash Memory Programming Unit. All the blocks are integrated to make a versatile controller. The full Microcontroller is fabricated on Silicon using the 0.25 micro meter FLASH Complementary Metal Oxide Semiconductor (CMOS) process with Embedded Programmable Flash Memory and Auxiliary RAM and assembled in the targeted 80 pin Quad Package.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/10/2009

(21) Application No.2081/DEL/2009 A

(43) Publication Date : 19/04/2013

(54) Title of the invention : A VEHICLE FOR DETECTING AND REMOVING BURIED OBJECTS AND METHOD THEREOF

(51) International classification

:F41H

(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)Natesan Babu

2)Govindan Kannan

3)Natrajan Seetharaman

(57) Abstract :

In this invention, the unmanned tracked vehicle (1) carries a robotic arm (20 and 30) for the dual roles such as for carrying the mine detection sensor and also for handling the mine clearing tools. The multi sensors such as object detection sensor (60) and IR camera are mounted on the robotic arms to detect the mine location and consequently mark the mines by pneumatic paint spray system (70). This robotic vehicle (1) is equipped with the indexing head (50) which carries the multi clearing tools (51 and 52) mounted on it. Two arms (20 and 30) behave as parallel configuration while in detection mode; the same two arms will be configured and utilized as two cooperative serial arms while handling the multi clearance tool which is picked from the indexing head.

No. of Pages : 23 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.286/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :13/02/2009

(43) Publication Date : 19/04/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF GREEN TEA NUTRACEUTICAL ICE-CREAM USING A NATURAL GREEN TEA RADICAL SCAVENGING CONSERVE

(51) International classification	:A23 C1/00	(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL, RESEARCH
(31) Priority Document No	:NA	Address of Applicant :ANUSANDHAN BHAWAN, FAFI
(32) Priority Date	:NA	MARG, NEW DELHI-110 001, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)L. JAGAN MOHAN RAO
Filing Date	:NA	2)B.B. BORSE
(87) International Publication No	:NA	3)MAYAPRAKASH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the preparation of green tea nutraceutical ice-cream using a natural green tea radical scavenging conserve: The process for the preparation green tea nutraceutical ice-cream using Green tea radical scavenging conserve from coarse / pruned tea leaves involves the preparation emulsion of Green tea radical scavenging conserve and incorporation of the same in the ice cream mix (e.g., milk and sugar) and churning with milk cream followed by freezing the mixture in plastic containers. The green tea nutraceutical ice-cream of the present invention contains green tea radical scavenging conserve: 0.002-0.008%,vanillin: 0.01-0.2%, Milk solids not fat (snf): 9-15%,Milk cream / Milk fat: 10-20%,Liquid glucose: 1-2%,GMS: 0.0008-0.0015%,Sucrose: 4-10% and total solid of the ice-cream ranges from 35-40%.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2250/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : RADIATING ELEMENT FOR ACTIVE PHASED ARRAY RADARS□

(51) International classification

:G09D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Applicatio□ 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)ASHUTOSH KEDAR

2)BEENAMOLE KARUKUNNEL SREEDHARAN

(57) Abstract :

This present disclosure relates to wide band wide beam printed tapered slot antenna for active phased array applications. The antenna is configured employing double layer microstrip tapered slot antenna with grooves for controlling the cross-polarization level. The configuration is realized by photoetching on one side of a double layer a microwave dielectric substrate a tapered slot antenna having exponential flare. The tapered slot antenna consists of a plurality of rectangular grooves and a circular cavity slot. On the other side of the substrate a microstrip transmission line with a radial stub is etched out to feed the antenna.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2950/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : PRESENTING SEARCH RESULTS BASED UPON SUBJECT-VERSIONS

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MICROSOFT CORPORATION
(32) Priority Date	:NA	Address of Applicant :One Microsoft Way Redmond
(33) Name of priority country	:NA	Washington U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KRISHNAN Vijay
(87) International Publication No	: NA	2)NAGARALU Sree Hari
(61) Patent of Addition to Application Number	:NA	3)AGRAWAL Puneet
Filing Date	:NA	4)SINGLA Adish Kumar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems methods and computer-readable storage media for identifying queries having a version-intent and presenting search results in accordance with the version-intent are provided. Subject-versions associated with retrievable documents are identified and associated therewith as subject-version tags. When a search query is received it is determined whether the query has a version-intent indicative of a particular version associated with a subject of the query. Documents are retrieved that satisfy the input query and ranked for presentation based upon the particular subject-version indicated by the version-intent. The ranked documents are then presented. Also presented is a user-manipulatable tool manipulation of which permits a user to indicate that information concerning a different subject-version is desired. Upon receiving such indication the search results are changed such that documents having subjectversion tags indicative of the newly-indicated version-intent are ranked higher and receive more prominent placement than documents lacking such subject-version tags.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2959/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : LASER-INDUCED DISSOCIATIVE STITCHING (LDS) FOR SYNTHESIS OF CARBON AND CARBON BASED NANOCOMPOSITES

(51) International classification	:H01K	(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)ROHAN RAJEEV GOKHALE
(61) Patent of Addition to Application Number	:NA	2)SATISHCHANDRA BALKRISHNA OGALE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes room temperature laser photochemical process for the synthesis of carbon and carbon based nanocomposites. In particular, the present invention discloses Laser- induced dissociative stitching (LDS) process for the synthesis of micro and nano carbon and carbon based nanocomposites from liquid halogen containing aromatic molecules.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2960/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF LOW MOLECULAR WEIGHT PEPTIDES FROM GELATINE

(51) International classification	:C07D	(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)RAMCHANDRA VITHAL GADRE
(61) Patent of Addition to Application Number	:NA	2)VITHAL VENKATRAO JOGDAND
Filing Date	:NA	3)SANJAY NARAYAN NENE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a process of obtaining low molecular weight peptides from gelatine. More particularly, the process relates to an enzymatic breakdown of gelatine to peptides and obtaining such peptide with low ash content.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2964/DEL/2011 A

(43) Publication Date : 19/04/2013

(54) Title of the invention : CASTOR THRESHER

(51) International classification

:H01R

(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)SINGH JAGMAL

Address of Applicant :VILLAGE- GOTHRA, POST-
GIGNAU, TALUKA- LOHARU, DISTT. BHIWANI,
HARYANA, INDIA

(72)Name of Inventor :

1)SINGH JAGMAL

(57) Abstract :

A crop thresher adapted to separate seed from straw, said thresher comprises: at least one feeding device adapted to be communicably coupled to a threshing chamber, said feeding device adapted to feed crop(s) into said chamber; at least one beater, adapted to rotate at a pre-determined speed, said at least one beater adapted to beat said crop(s) in order to obtain threshed seed(s); at least one concave mesh being concealed at an operative bottom up to a pre-defined length along said at least one concave mesh while its remaining portion being left uncovered so that threshed seed(s) pass through an uncovered portion of said at least one concave mesh; at least one aspirator/blower adapted to suck out relatively lighter material from said at least one sieve shaker and further adapted to throw out said relatively lighted material from an outlet of said at least one blower; at least one sieve shaker adapted to have reciprocating motion; and drive elements adapted to drive components of said thresher by providing power.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/06/2010

(21) Application No.1313/DEL/2010 A

(43) Publication Date : 19/04/2013

(54) Title of the invention : AN ANTENNA

(51) International classification	:H01Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION [DRDO]
(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 Delhi
(86) International Application No	:NA	110 105 India.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUKH DAS AHIRWAR
(61) Patent of Addition to Application Number	:NA	2)CHANDANA SAIRAM
Filing Date	:NA	3)TAKESHORE KHUMANTHEM
(62) Divisional to Application Number	:NA	4)ASHWANI KUMAR
Filing Date	:NA	

(57) Abstract :

A broadband blade antenna system comprising of a truncated planar conical metallic plate, where conical section is placed between metallic strips. These strips are placed on both sides of the main radiating plate extending up to conical section in same plane. An impedance matching network consisting of toroidal inductors is used at the end of the slots formed between metallic plates & strips. These symmetrical metallic strips are attached to a metallic base plate. This base plate facilitates the mounting of the antenna assembly to counterpoise. This antenna structure is excited at a feed point formed between the main planar conical element and counterpoise. This type of arrangement of the antenna structure makes it responsive for RF signal in 20-1500 MHz frequency band.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1967/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :19/08/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : A WATER COOLED PROBE FOR MEASURING GAS FLOW PARAMETERS, METHODS OF OPERATING AND ASSEMBLING THEREOF

(51) International classification

:G01R

(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)THE DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANISATION (DRDO)

Address of Applicant :Ministry of Defence Govt. of India
Room No. 348 B-wing DRDO Bhawan Rajaji Marg New Delhi-110011 India.

(72)Name of Inventor :

1)MEERA KAUSHAL

2)K. ANIL KUMAR

3)ANTHONY RAJ XAVIER

(57) Abstract :

The present disclosure relates to a water cooled probe (1) to measure gas flow parameters, said probe (1) comprising probe body (2) of predetermined shape configured to have at least one port (2a) on surface and at least one passage (2b) inside the probe body (2), at least one sensor tube (5) placed inside the probe body (2) and connected to the port (2a), at least one Kiel element (4) connected to the port (2a), at least one sensor element (6) placed inside at least one of the sensor tube (5) which is protruding inside the Kiel element (4), water tube (7) for circulation of water into the probe body (2), and flange (3) connected at top of the probe body (2) for mounting the probe into a flow of gas.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1985/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :17/09/2009

(43) Publication Date : 19/04/2013

(54) Title of the invention : A SYNERGISTIC ENCAPSULANT MATERIAL COMPOSITION AND PROCESS THEREOF

(51) International classification	:B32B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Director General Defence Research & Development
(32) Priority Date	:NA	Organisation [DRDO]
(33) Name of priority country	:NA	Address of Applicant :Ministry of Defence Govt. of India
(86) International Application No	:NA	Room No 348 B-Wing DRDO Bhawan Rajaji Marg New Delhi-
Filing Date	:NA	110 011 India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Manoranjan Patri
Filing Date	:NA	2)Sangram Keshari Rath
(62) Divisional to Application Number	:NA	3)Uttam Gopal Suryawansi
Filing Date	:NA	4)Bikash Chandra Chakraborty

(57) Abstract :

The invention provides an encapsulant material for transducers. The encapsulant material has good acoustic transparency and sear water resistant characteristics with low dynamic loss factor and reasonable mechanical properties.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.285/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :13/02/2009

(43) Publication Date : 19/04/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF OLEORESINS FROM SEED SPICES USING CELL DEGRADING ENZYMES

(51) International classification	:A23L1/221
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL, RESEARCH

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

(72)Name of Inventor :

1)H.B SOWBHAGYA

2)PURNIMA KAUL TIKU

3)S.R. SAMPATHU

4)B. RAGHAVAN

5)A.G. APPU RAO

6)V. PRAKASH

(57) Abstract :

A process for the preparation of oleoreisin from seed spices using cell wall degrading enzymes: Seed spices like cumin, ajowain and corainder are treated with cell wall degrading enzymes in a sequential manner with pectinase followed by cellulase and protease or with individual enzymes or mixture of enzymes under specified conditions to facilitate the release and to result in enhanced recovery of essential oil without any change in the physico-chemical quality of the oil . Enzyme pretreatment of cumin seeds followed by powdering and steam distillation results in 15- 25 % higher oil yield and 4.5- 8 % resin in relation to yield by conventional methods.The oleoresin from seed spices obtained by this method does not have residual solvent problem and is free from chlorinated solvent residues which is normally associated with oleoresin extracted using chlorinated solvents.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2957/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : CONTINUOUS MODULAR REACTOR.

(51) International classification	:A61N	(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 - 110001, India.
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)AMOL ARVIND KULKARNI
(61) Patent of Addition to Application Number	:NA	2)VIVEK VINAYAK RANADE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a continuous reactor composed of modular elements. More specifically, the invention relates to a continuous reactor composed of varied permutations and combinations of a plurality of modular elements for chemical processing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2965/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : AN IMPROVED HYBRID METHODOLOGY FOR PRODUCING COMPOSITE, MULTI-LAYERED AND GRADED COATINGS BY PLASMA SPRAYING UTILIZING POWDER AND SOLUTION PRECURSOR FEEDSTOCK

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTERNATIONAL ADVANCED RESEARCH CENTRE
(32) Priority Date	:NA	FOR POWDER METALLURGY AND NEW MATERIALS
(33) Name of priority country	:NA	(ARCI), DEPARTMENT OF SCIENCE AND
(86) International Application No	:NA	TECHNOLOGY, GOVT. OF INDIA
Filing Date	:NA	Address of Applicant :PLOT NO. 102, INSTITUTIONAL
(87) International Publication No	:NA	AREA SECTOR-44, GURGAON-122003 HARYANA India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GOVINDARAJAN, SIVAKUMAR
(62) Divisional to Application Number	:NA	2)JOSHI, SHRIKANT VISHWANATH
Filing Date	:NA	

(57) Abstract :

A method of producing a composite plasma spray coating using simultaneous feeding of powder and solution precursor feedstock in a plasma spray gun is disclosed, comprising the steps of a) spraying a powder feedstock comprising micron sized particles into a plasma spray plume; and b) spraying a liquid feedstock comprising liquid precursor solution into the plasma spray plume, wherein the spraying of the powder feedstock and spraying of the liquid feedstock are independently controllable. The method allows control of coating composition and microstructure to deposit nanostructured and microstructured layers either sequentially to form layered coatings, or simultaneously to form either composite coatings or continuously gradient coatings to address diverse applications. Thermal barrier coatings produced using the new method have demonstrated twice the life compared to conventional air plasma sprayed coatings.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2966/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : SMART STICK

(51) International classification

:H01S

(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)SHANTANU GANGWAR

Address of Applicant :R-42, NIVEDITA KUNJ, SECTOR-10
R.K.PURAM, NEW DELHI PIN-110022 India

(72)Name of Inventor :

1)SHANTANU GANGWAR

(57) Abstract :

The smart stick is disclosed for smoother walk of a blind person. The smart stick comprises of a plurality of IR transmitter, IR receiver, sensors and relay. Further, DC batteries are used for power and DC motors are used for producing vibration. Moreover, an IR sensor is small, cheap, easy to use and fits suitably for the smart stick. Also, mounting many sensors instead of a single one provides the user a better idea about the height of an obstacle in the front. The sensors are all connected to a relay which contains the transistors which amplify the signal from the sensors for sending it further in the form of vibratory signals.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2967/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : CLOSED LOOP FEEDBACK CONTROLLED SEMI-ACTIVE MAGNETORHEOLOGICAL FLUID ANTI-VIBRATION MOUNT

(51) International classification

:H01S

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :MINISTRY OF DEFENCE, GOVT OF INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI 110 105. India

(72)Name of Inventor :

1)REJI JOHN

2)SHIV KUMAR

3)PADMAKUMAR CHIRATTAKATTU

GOPALAKRISHNAKURUP

4)KUNJUMOIDEEN SHAJAHAN

5)THOMAS DURAIRAJ

(57) Abstract :

The invention relates to a magnetorheological(MR) fluid based closed loop feedback controlled semi-active anti-vibration and dampening mounts. The MR mount system includes a piston, upper fluid chamber, bottom fluid chamber, MR fluid, orifice, vibration sensor, solenoid and control means. When an external force acts on the structure mounted on the MR mount system, the piston is displaced into the bottom fluid chamber causing pressure buildup in the bottom fluid chamber. The build up pressure forces the MR fluid to move from the bottom chamber through the orifice. Simultaneously due to structure vibration, the vibration sensor senses the vibration and gives signal to the solenoid via the control means. The magnetic field created by the solenoid alters the flow characteristics of moving MR fluid thereby restricting further motion of the piston.

No. of Pages : 19 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2968/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : LED DIE ARCHITECTURE WITH NON PLANAR CONTACT

(51) International classification

:H01S

(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)DE CORE SCIENCE & TECHNOLOGIES LTD.

Address of Applicant :SDF, J-14, NSEZ, PHASE-II, NOIDA,
U.P.-201305 India

(72)Name of Inventor :

1)LOOMBA DEEPAK

(57) Abstract :

An architecture for an LED and a method to fabricate this architecture are proposed. The method relates to a 3D geometry for the LED die. Semiconductor layers like u-GaN, n-GaN, multiple quantum wells and p- GaN, are sequentially grown over a substrate. The top surface of the p- GaN layer is etched using Photo lithography. Narrow but deep channels are etched into the p- GaN layer till n- GaN layer. For n- and p- contact, required metal layers are deposited over the side walls and bottom surfaces of the channels of n- GaN; and the top surface available of p- GaN between the channels respectively. Since n- contact is achieved by depositing metal over the side walls and bottom surfaces of the channels into n- GaN, current is drawn from three dimensions of the channels namely, length, breadth and height formed by side walls and bottom surfaces of the channels. Hence, this impart non planar/ three dimensional characteristic to the n- contact. To avoid a direct contact between the n- and p- metal contacts, a layer of silicon dioxide is used as an insulator between them. As a result, the proposed three dimensional architecture overcomes a number of limitations present in conventional LEDs like high light extraction, more uniform current distribution, heat extraction, etc.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2972/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : Anti-carcinogenic extract from Pithecellobium dulce

(51) International classification	:A01J	(71) Name of Applicant :
(31) Priority Document No	:NA	1)PANJAB UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :SECTOR 14 CHANDIGARH UT
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHARMA MONIKA
(87) International Publication No	: NA	2)KHANNA SAKSHI
(61) Patent of Addition to Application Number	:NA	3)SHARMA SHAGUN
Filing Date	:NA	4)KAUR JAGDEEP
(62) Divisional to Application Number	:NA	5)SHARMA ROHIT
Filing Date	:NA	

(57) Abstract :

The present invention relates to a phytochemical extract with anti-cancerous activity and method for its preparation thereof. The extract is prepared from the leaves of Pithecellobium dulce belonging to the family Leguminosae. Leaf extracts of the plant were prepared and used for the cytotoxicity experiments on the breast cancer cell lines MCF-7 using the MTT cytotoxicity assay.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2973/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : A method to connect and invocation of remote procedure and system

(51) International classification	:G09F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Deepak Kumar Singh
(32) Priority Date	:NA	Address of Applicant :D-38 Sector 55 Noida UP India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Shambhavi Singh
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of invocation communication and execution of remote software programs and system. Client device software programs connect and execute remote method by means protocol conversion/transformation. Client device chooses preferred method of communication by means of protocol. Client device initiates call in native protocol. By means of proxy library call is transformed into the chosen protocol. Client side proxy library implement exposed proxy server interfaces. Communication from proxy library to proxy server device is done through chosen transformed protocol. Proxy server device calls the native protocol library. Communication from proxy server device to remote server is done through original native protocol.

No. of Pages : 19 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2984/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : NOVEL FORMULATION FOR CANCER

(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)HARSHA KHARKWAL
(87) International Publication No	:NA	2)PREETI PANTHARI
(61) Patent of Addition to Application Number	:NA	3)DEVI DATT JOSHI
Filing Date	:NA	4)DEEPSHIKHA PANDE KATARE
(62) Divisional to Application Number	:NA	5)MANISH KANT PANT
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel herbal formulation and a process for the preparation of the same which is effective in dissolving tumors. The herbal formulation essentially comprises Aloe vera, Curcuma longa, Ocimum sanctum along with chemically modified seed gums. The formulation is presented as a dietary supplement for patients diagnosed with any type of cancer. It may also be used to create a sense of general well being and to increase the vitality in patients, increase the appetite, restore health and increase the lifespan of patients diagnosed with any type of cancer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2986/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : FHRP OPTIMIZATIONS FOR N-WAY GATEWAY LOAD BALANCING IN FABRIC PATH SWITCHING NETWORKS

(51) International classification

:G11B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

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2)GOWDA, NAVEEN PETHANDLAHALLY NARAYAN

(57) Abstract :

Techniques are disclosed for providing n-way gateway load-balancing in a fabric path switching Systems (FSS), such as a layer 2 multipath (L2MP) network in a large data center. An access switch in a L2MP network may learn an emulated switch IDs through FHRP hello messages sent by an active gateway router for each FHRP group. Further, the access switch may learn which links an emulated switch is reachable over by evaluating link state messages (e.g., 18-13 messages) sent by the gateway routers used to construct the emulated switch. Doing so allows the access switch to learn both the ID of an emulated switch and a set of links over which the emulated switch may be reached, thereby allowing the access switch to load balance traffic to the emulated switch.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2993/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : A MICROSTRIP PATCH MONOPULSE ANTENNA ARRAY

(51) International classification	:B60B	(71)Name of Applicant :
(31) Priority Document No	19/04	1)THE DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANISATION (DRDO)
(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 Delhi-110105 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VEER SINGH GANGWAR
(87) International Publication No	: NA	2)ANIL KUMAR SINGH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the present disclosure relate to a microstrip patch antenna array comprising of a predefined number of microstrip patch antenna elements and feed networks. Each microstrip patch antenna element consists of an E-shaped radiating element with a feed hole to launch an electromagnetic wave. A feed network provided on another microwave substrate is connected to the microstrip patch antenna elements via a metallic conductor inserted in the feed holeTMs provided for each microstrip patch antenna elements. The feed network consists of power dividers of required power division for forming low side lobe level and hybrid rings for forming monopulse comparator. The radiating element sends predetermined amount of electromagnetic energy to an object which needs to be tracked and receives electromagnetic energy from the object. The microstrip patch antenna array receive the electromagnetic energy and produces three beams sum azimuth (Az) difference and elevation (El) difference to track the object.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.287/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :13/02/2009

(43) Publication Date : 19/04/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF COCONUT SPREAD BASED ON MATURE

(51) International classification	:A23L1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL,
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, FAFI
(86) International Application No	:NA	MARG, NEW DELHI-110 001, INDIA
Filing Date	:NA	2)COCONUT DEVELOPMENT BOARD
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NK RASTOGI
Filing Date	:NA	2)KSMS RAGHAVRAO
(62) Divisional to Application Number	:NA	3)SG JAYAPRAKASHAN
Filing Date	:NA	4)MAYA PRAKASH

(57) Abstract :

The present invention relates to the development of coconut spread based on mature coconut-water concentrate and coconut dietary fibre, which are the by-product from coconut processing industries. The product obtained is having typical favour/sensory attributes of coconut. This exotic spread can find extensive utilization in sandwiches, chapathi, dosa or similar breakfast foods to make them more appealing and appetizing. Coconut spread is prepared by partial replacement of sugar with concentrate from mature coconut water along with addition of other ingredients such as citric acid, pectin and benzoic acid followed by thermal treatment. Addition of coconut dietary fiber, which can be evenly suspended in the spread, provides a characteristic coconut flavor, texture and taste. The high osmotic pressure in the product creates unfavorable conditions for the growth and reproduction of most species of microorganisms like yeast, mold and bacteria responsible for spoilage of food.

No. of Pages : 16 No. of Claims : 6

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF CURED RICE FROM FRESHLY HARVESTED AROMATIC RICE

(51) International classification :A23L1/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

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

(72)Name of Inventor :

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2)MALLESHI NG

3)BHASHYAM MK

4)SATHYENDREA RAO BV

5)JAYADEEP A

6)RAVI R

7)UMESHA BA

8)MANISHA GUHA

(57) Abstract :

An improved process for the production of cured rice from freshly harvested basmati type rice: Basmati rice is mainly preferred for the discreteness of cooked grains without visible lumps, reduced solubles, mouth feel and aroma, normally these desired characteristics are observed only in aged rice, where the duration of ageing is normally for about a year or more. The present invention deals with development of a process that helps in accelerating the ageing process of fresh basmati rice there by improving its culinary properties. The process developed involves exposure of the freshly harvested milled rice to an environment of high moisture, relative humidity ranging from 60-92%, and high temperature, at a temperature ranging 40-60° C preferably at 50 ° C, for a short duration of 10 to 30 days. The process improves the aroma and cooking quality of freshly harvested milled basmati rice after treatment, which is comparable to the naturally aged rice. It induces the natural changes in the physicochemical characteristics of rice within a span of few days which otherwise would have taken about a year or more.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.444/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :09/03/2009

(43) Publication Date : 19/04/2013

(54) Title of the invention : A NOVEL PROCESS FOR MICROBIAL PRODUCTION OF FUMAGILLIN FROM ASPERGILLUS FUMIGATUS GAV12

(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

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

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3)DR. HARSHADAS MITARAM MESHAM

4)MS. CHITTAMURU SREE LAKSHMI

5)DR. GOPAL REDDY

6)MR. CHAITANYA

7)DR. BALUSU RAMESH

(57) Abstract :

Angiogenesis play a major role in the metastasis and growth of the tumors, inhibitor of this process has significant clinical potential. In addition these anti angiogenic drugs have application in various other diseases like rheumatoid arthritis, diabetic retinopathy, neuropathy, muscular degeneration etc. Fumagillin is an antibiotic produced by certain strains of Aspergillus fumigatus has amoebicidal and anti angiogenesis activity. Our study describes the isolation of three new microbial strains that produces fumagillin in good yields. The newly isolated culture was subjected for mutational (UV and Chemical) to give muted strain Aspergillus fumigatus GAV12 [MTCC 5378] that produces fumagillin in higher concentration that can be exploited for commercial production of the drug.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.451/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :09/03/2009

(43) Publication Date : 19/04/2013

(54) Title of the invention : A PORTABLE MODULAR AND REUSABLE INSTANT HOUSE

(51) International classification	:E04B	(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)MORCHHALE RAJESH KUMAR
(61) Patent of Addition to Application Number	:NA	2)GOEL MANMOHAN DASS
Filing Date	:NA	3)WAGHMARE SANGHRATNA SURYABHAN
(62) Divisional to Application Number	:NA	4)RAMAKRISHNAN NARAYANRAO
Filing Date	:NA	5)MURALI SHIRAMDAS

(57) Abstract :

The present invention provides a portable, modular and reusable instant house, which consists in combination a plurality of modular rigid frame structures, plurality of matching foldable panel sections and means for fixing. The foldable panel sections consist of a plurality of two-dimensional segments inter-connected by means of external and internal hinges. The foldable panel sections are mounted on the said matching modular two-dimensional rigid frame structure(s) having inter-connecting means, such as screws, rivets. The plurality of modular rigid frame structure(s), having mounted foldable panel sections, being inter-connected by means, such as male-female joints, pin-joints to form a house. The portable, modular and reusable instant house wherein the roof panel, end wall panel and one sidewall panel is developed by joining panels hingedly attached to each other in such a manner that these can be folded in a layered fashion. There are a number of gable frame and supporting frame sections having interconnecting means to form the frame structure for house.

No. of Pages : 22 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.349/DEL/2009 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : AN IMPROVED OF PROCESS FOR THE ECO-FRIENDLY PRAPARATION OF 3,5-DIBROMO-4-HYDROXYBENZONITRILE

(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

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3)GIRDHAR JOSHI
4)RAJENDRA PATIL
5)MAHESHKUMAR RAMNIKLAL GANDHI
6)MALLAMPATI SUBBAREDDY
7)PRATYUSH MAITI

(57) Abstract :

A highly pure 3,5-dibromo-4-hydroxybenzonitrile (bromoxynil) has been prepared in high yield from 4-hydroxybenzonitrile using eco-friendly brominating reagent comprising of 2:1 mole ratio of bromide to bromate salts in aqueous acidic medium without any catalyst under ambient conditions with no work up procedure. The product 3,5-dibromo-4-hydroxybenzonitrile was obtained in 91-99% yield with melting point 189-191°C and more than 99% purity by gas chromatographic analysis without any purification.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.443/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :09/03/2009

(43) Publication Date : 19/04/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF VIRGIN COCONUT OIL

(51) International classification

:C11B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

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

(72)Name of Inventor :

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2)KSMS RAGHAVARAO

3)K VENKATESH MURTHY

4)N K RASTOGI

5)SG JAYAPRAKASHAN

6)KK BHAT

7)AK VASANTHKUMAR

(57) Abstract :

Virgin coconut oil is prepared by wet process without any heat treatment. During this process, matured coconuts are deshelled, pared and disintegrated (by passing through rotary wedge coconut cutter). The obtained coconut gratings are subjected to screw/hydraulic press to extract coconut milk which is treated with protease enzyme (0.15 %w/w). Further, coconut milk was centrifuged to separate coconut cream, which is in turn, subjected to freezing and thawing followed by centrifugation to get a clear virgin coconut oil. In order to increase the clarity of the product, coconut oil was passed through an adsorption column. Physicochemical properties of virgin coconut oil show less moisture content, free fatty acids, peroxide values and acid values. Vitamin E content was 6.2 mg/100ml and more than 70% of medium chain fatty acids were found in virgin coconut oil. The sensory evaluation of virgin coconut oil is studied to ensure the product acceptability.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.454/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :09/03/2009

(43) Publication Date : 19/04/2013

(54) Title of the invention : A HIGH TEMPERATURE OPERABLE INORGANIC SEALANTS COMPOSITION SEALABLE AT LOWER TEMPERATURE AND A PROCESS THEREOF

(51) International classification	:C03C	(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)GHOSH SASWATI
(61) Patent of Addition to Application Number	:NA	2)DASSHARMA ABHIJIT
Filing Date	:NA	3)KUNDU PARITOSH
(62) Divisional to Application Number	:NA	4)BASU RAJENDRA NATH
Filing Date	:NA	

(57) Abstract :

The present invention provides a high temperature operable inorganic sealant composition sealable at lower temperature and or process thereof for solid state electrochemical device applications that is based on the development of novel sealing compositions within BaO-La₂O₃-B₂O₃-SiO₂ (BLBS) system that can be tailor-made to obtain the desired properties such as coefficient of thermal expansion, glass transition temperature, softening temperature and crystallization temperature which are essential for a good sealant. The developed glasses can be sealed at a temperature 75 - 150°C lower than the operating temperature (750 - 850°C) of the device to provide gas-tight seals between similar as well as dissimilar materials and is more advantageous compared to prior art processes wherein multiple systems or high BaO-containing systems are required for which the sealing temperature (850°C) is more than the operating temperature (800°C) to have gas-tight seals between adjoining components. The relatively lower sealing temperature (700°C) required for sealing, as compared to prior-art processes, reduces significantly oxidative corrosion of ferritic steel which is a major cause of concern in using metallic interconnect for IT-SOFC application. Moreover, due to the presence of lower amount of BaO within the glass compositions, chemical interaction between the glass and metallic interconnect are reduced leading to the minimization of unwanted phases like BaCrO₄. The glasses developed within the prescribed range can form gas-tight sealing between two ceramic components such as YSZ or two metallic components such as ferritic steel or between one ceramic (YSZ) and one metallic (ferritic steel) components with measured helium leak rate of below 10⁻⁷ mbar-lit-sec-lcm-l.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.459/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :09/03/2009

(43) Publication Date : 19/04/2013

(54) Title of the invention : IMPROVED PLASMA SPRAY PROCESS FOR ELECTROLYTE AND INTERCONNECT COATINGS ON SOLID OXIDE FUEL CELL CATHODE TUBES

(51) International classification	:C23C4/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC AND 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)SINGANAHALLI THIPPAREDDY ARUNA
(61) Patent of Addition to Application Number	:NA	2)ARUN VENKATESH AINAPUR
Filing Date	:NA	3)NARAYANASWAMY BALAJI
(62) Divisional to Application Number	:NA	4)KARAIKUDI SANKARANARAYANA RAJAM
Filing Date	:NA	

(57) Abstract :

It was analyzed that the breaking of LSM tubes was due to the high preheating temperature, which was used before plasma spraying. Preheating the tubes externally gradually helped in avoiding the breaking or cracking of LSM tubes. A procedure was evolved to preheat the sample slowly by plasma flame so that even larger samples can be preheated within a short span of time. Apart from the heating procedure, the mandrel also plays an important role. Also, the presence of a highly heat absorbing cushioning layer in between the mandrel and the tube was essential to solve the problem of tube breaking. The gradual cooling of the substrate using plasma flame after coating the electrolyte/interconnect was also found to be crucial in avoiding the cracking/breaking. The electrolyte and interconnect powders used in the fabrication of solid oxide fuel cells were successfully plasma sprayed on the LSM tubes without any breaking or cracking of tubes.

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

(54) Title of the invention : METHOD AND MANUFACTURING LINE FOR MANUFACTURING WIND TURBINE BLADES

(51) International classification :B29C 70/48

(31) Priority Document No :09154538.4

(32) Priority Date :06/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/052802

Filing Date :05/03/2010

(87) International Publication No :WO 2010/100251

(61) 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

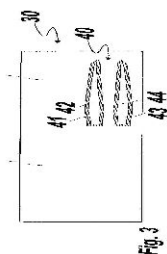
Address of Applicant :JUPITERVEJ 6, DK-6000 KOLDING, DENMARK

(72)Name of Inventor :

1)IVAN ENGMARK MORTENSEN

(57) Abstract :

A method and a manufacturing line (30) for manufacturing wind turbine blades having a composite shell structure comprising a matrix material and a fibre reinforcement material by use of a resin transfer moulding process. The method comprises a manufacturing line (30), where wind turbine blades are formed in a number of moulds (40, 50, 60), each of the number of moulds (40, 50, 60) comprising at least a first mould part (41, 51, 61) comprising a first mould cavity (42, 52, 62). The manufacturing line (30) further comprises a number of separate work stations (31, 32, 33), where separate manufacturing steps are carried out. The method comprises the following steps: a) arranging the fibre reinforcement material in a first mould cavity (42) of a first mould part (40) at a first work station (31), b) moving the first mould part (40) with the fibre reinforcement materials by use of conveying means to a second work station (32) having a different position than the first work station (31),-and c> supplying a curable matrix material into the first mould cavity (42) of the first mould part (41) at the second work station (32). The manufacturing line (30) comprises a number of moulds (40, 50, 60), the number being greater than one, where wind turbine blades (45, 55, 65) are formed in, each of the number of moulds (40, 50, 60) comprising at least a first mould part (41, 51, 61) comprising a first mould cavity (42, 52, 62). Each of the number of moulds (40, 50, 60) being movable along the manufacturing line (30) by conveying means. Fig. 3



No. of Pages : 25 No. of Claims : 15

(54) Title of the invention : A DEVICE FOR HOLDING AN OBJECT SECURELY AND A METHOD THEREOF

(51) International classification

:B62D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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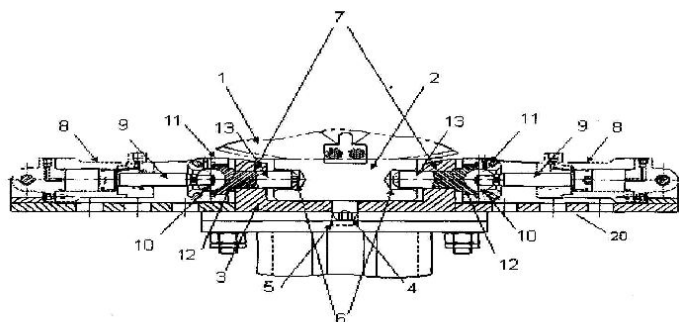
Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI - 110 105, India.

(72)Name of Inventor :

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(57) Abstract :

This invention relates to gripping and holding mechanisms for an object (1) securely, wherein the holding mechanism comprises platform of predetermined shape having at least one bracket (3) consisting of one or more apertures (7) and at least one hole (5) at centre; detachable stub element (2) is integrated with bottom surface of the object (1) and is mounted inside the bracket (3) of the platform, said stub (2) comprising one or more stub holes (6) to accommodate pins (13) provided at preformed shaped element and has at least one protruding element (4) at centre, wherein said protruding element (4) is mounted inside the hole (5) of platform; plurality of hydraulic cylinders (8) having shaft (9) and are mounted at predefined positions onto the platform on either side of the bracket (3); and plurality of housing elements (11) is fitted to preformed shaped element; and the shaft (9) of each hydraulic cylinders (8) is fitted with preformed shape of bearing (10). Figure 1

**Figure 1**

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.348/DEL/2009 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : MICROWAVE INDUCED SINGLE STEP GREEN SYNTHESIS OF NOVEL 2-ARYL ALDEHYDES AND THEIR ANALOGUES

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, India.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)ARUN KUMAR SINHA
(61) Patent of Addition to Application Number	:NA	2)ABHISHEK SHARMA
Filing Date	:NA	3)RAKESH KUMAR
(62) Divisional to Application Number	:NA	4)NAINA SHARMA
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparation of some novel 2-aryl and 2,2-diaryl aldehydes and analogues which are privileged intermediates for commercially important nonsteroidal anti-inflammatory drugs including naproxen, flurbiprofen and potent anticancer drug candidates, including phenstatin through a unique single step synthetic methodology utilizing easily available substrates in the form of aryl alkenes as well as environmentally benign aqueous reaction conditions in the form of solvents such as mixtures of water and DMSO or Dioxane and reagents N-bromosuccinimide, N-iodosuccinimide, N-chlorosuccinimide and phase transfer catalyst such as cetyltrimethyl ammonium bromide, N-hexyl ammonium chloride for a reaction time varying from 1min-30min, depending upon microwave or conventional heating, without using expensive transition metal catalysts or lewis acids/bases with yield varying from 35-55 %, depending upon the solvent and substrate used. The developed method provides a clean and convenient alternative to access a diverse range of medicinally important 2-aryl and 2,2-diaryl aldehyde based scaffolds in lieu of the conventional multistep protocols employing expensive and hazardous transition metal catalysts and lewis acids/bases

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.384/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :27/02/2009

(43) Publication Date : 19/04/2013

(54) Title of the invention : POLYMERIC NANOMATRIX ASSOCIATED DELIVERY OF KAEMPFEROL IN RATS TO IMPROVE ITS OSTEOGENIC ACTION

(51) International classification	:A61K	(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(31) Priority Document No	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(32) Priority Date	:NA	MARG, NEW DELHI, 110 001, India.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PRABHAT RANJAN MISHRA
Filing Date	:NA	2)RITU TRIVEDI
(87) International Publication No	:NA	3)GIRISH KUMAR GUPTA
(61) Patent of Addition to Application Number	:NA	4)AVINASH KUMAR
Filing Date	:NA	5)VARSHA GUPTA
(62) Divisional to Application Number	:NA	6)SRIKANTA KUMAR RATH
Filing Date	:NA	7)KAMINI SRIVASTAVA
		8)NAIBEDYA CHATTOPADHYAY
		9)ANIL KUMAR DWIVEDI
(57) Abstract :		
NA		

No. of Pages : 40 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.47/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :12/01/2009

(43) Publication Date : 19/04/2013

(54) Title of the invention : FERROFLUID BASED TEMPRATURE SENSOR

(51) International classification

:G01C

(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)PANT RAJENDRA PRASAD

2)VINOD KUMAR

3)RANA ANU

4)JAIN VINOD KUMAR

5)HALDER SUJIT KUMAR

6)YESH PAL SINGH

7)VIKRAM KUMAR

(57) Abstract :

The present invention provides a selective range temperature sensor using ferrofluid bearings. Ferrofluids are colloidal dispersion of nano size superparamagnetic particles and are technologically advanced materials having magnetic nature. The unique property of magnets levitation and sealing by ferrofluid is exploited here for making the temperature sensing device. The basic principal of the present invention is based on sensing minute change in air volume on standard gas law ($PV=nRT$). The device consists of a closed container with very low friction ferrofluid bearing based piston which moves when the temperature changes inside the container. The coefficient of friction of the magnets motion is tremendously reduced using ferrofluid material. An electrical signal has been produced at the output to sense the change in temperature by using AC input signal. We believe that this technique is unique for high sensitive temperature. The device as well, which is capable of sensing very low precision temperature i.e. $< 2.5\text{mK}$ in terms of AC mV signal generated at constant atmospheric pressure. The one mV signal corresponds to 2.5 mK. This device has many useful applications viz. standards, calibration of thermometers, defense, medical and biomedical applications etc.

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

(54) Title of the invention : AN OBJECT LAUNCHER

(51) International classification :F41F
 (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)THE DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION [DRDO]

Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI - 110 105, India.

(72)Name of Inventor :

1)S. GURU PRASAD

2)S.A. KATTI

3)A. PRASAD GOUD

4)V.N. WAGHMARE

5)SANJAY KUMAR

6)ATUL GUPTA

7)R.S. KHIRE

8)T.K. SANTOSH

9)BIMAL GAUTAM

10)PARAS RAM

(57) Abstract :

The invention relates to launchers for launching objects, particularly related to inclined launchers mounted on a shipboard wherein the launcher comprises of a base frame (1) fixed to a platform; launcher structure (3) mounted on the base frame (1), wherein said launcher structure (3) is a welded structure with support legs (4) mounted permanently onto the base frame; clamping arrangement (5) to clamp atleast one canister (6) onto the launcher structure (3), said canister (6) has a bottom resting unit (50) on its rear end; and thrust bearing unit (100) mounted on the platform at rear end of the mounted canister (6) to transfer thrust load to said platform caused during launching of the object. Figure 1

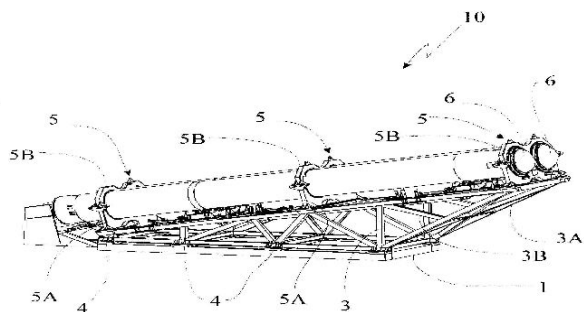


Figure 1

No. of Pages : 20 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.46/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :12/01/2009

(43) Publication Date : 19/04/2013

(54) Title of the invention : STEP PROCESS FOR THE PREPARATION OF SUBSTITUTED 5, 10-DIHYDRO-DIBENZO [B, e] [1,4]-DIAZEPINE-11-ONE

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001 INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)HARSHADAS MITARAM MESHRAM
(61) Patent of Addition to Application Number	:NA	2)PALAKURI RAMESH GOUD
Filing Date	:NA	3)BANDI CHENNAKESAVA REDDY
(62) Divisional to Application Number	:NA	4)JHILLU SINGH YADAV
Filing Date	:NA	

(57) Abstract :

The present invention provides a single step processes for the preparation of substituted dibenzo[b,e][1,4]- diazepine-11-one by the reaction of substituted issatinic anhydrides with substituted 1,2-phenylene diamine in presence of aqueous acetic acid. The present invention reduces the number of steps into one step there by avoiding the use of number of chemicals. The present invention also avoids the use of organic solvents and expensive reagents. In addition to this the reaction can be carried out at lower temperature. The present invention may be useful in the pharmaceutical production where the possibility of any metal ion contamination may be avoided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4783/DELNP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : RECOMBINANT AVIAN INFLUENZA VACCINE AND USES THEREOF

(51) International classification :A61K 39/00
(31) Priority Document No :61/118,492
(32) Priority Date :28/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/066146
Filing Date :30/11/2009
(87) International Publication No :WO 2010/06333
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MERIAL LIMITED
Address of Applicant :3239 SATELLITE BIVD, DULUTH
GA 30096 U.S.A.
2)BIOLEX THERAPEUTICS
(72)Name of Inventor :
1)GUO, XUAN
2)BUBLOT, MICHEL
3)PRITCHARD, JOYCE, A.
4)DICKEY, LYNN, F.

(57) Abstract :

The present invention encompasses influenza vaccines, in particular avian influenza vaccines. The vaccine may be a subunit vaccine based on the hemagglutinin of influenza. The hemagglutinin may be expressed in plants including duckweed. The invention also encompasses recombinant vectors encoding and expressing influenza antigens, epitopes or immunogens which can be used to protect animals against influenza. It encompasses also a vaccination regimen compatible with the DIVA strategy, including a prime-boost scheme using vector and subunit vaccines.

No. of Pages : 180 No. of Claims : 13

(54) Title of the invention : A SYSTEM TO ARREST LINEAR MOTION OF AN OBJECT AND A METHOD THEREOF

(51) International classification

:F01L

(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)THE DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION [DRDO]

Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI - 110 105, India.

(72)Name of Inventor :

1)S. GURU PRASAD**2)S.A. KATTI****3)A. PRASAD GOUD****4)V.N. WAGHMARE****5)SANJAY KUMAR****6)ATUL GUPTA****7)R. S. KHIRE****8)T.K. SANTOSH****9)BIMAL GAUTAM****10)PARAS RAM**

(57) Abstract :

The present invention relates to locking and holding mechanisms for an object securely, wherein the locking and holding mechanisms comprises a rocker assembly of predetermined shape pivoted at bracket of the system, said rocker assembly (100) comprises an actuating segment (5) at lower side and a loading segment (7) at upper side and a rocker segment (6) disposed in between the actuating segment (5) and the loading segment (7); an actuator assembly (2) connected to lower end of platform (70) of the system for applying load to the rocker assembly (100); and loading elements engaged at operative top end of the rocker assembly (100) to arrest linear motion of the object (16). Figure 1

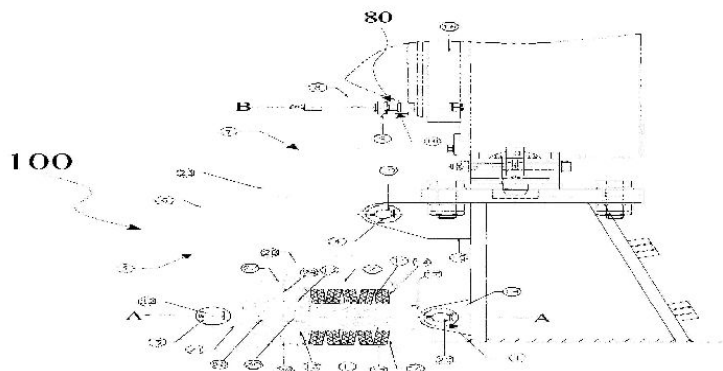


Figure 1

No. of Pages : 18 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.706/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :14/03/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : A MICROSTRIP ARRAY ANTENNA

(51) International classification	:H01Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION [DRDO]
(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 Delhi
(86) International Application No	:NA	110105 India.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAVI KUMAR SAMMINGA
(61) Patent of Addition to Application Number	:NA	2)PREETI DONGAONKAR
Filing Date	:NA	3)SHUBHA ELIZABETH AVIRAH
(62) Divisional to Application Number	:NA	4)ANIL KUMAR SINGH
Filing Date	:NA	

(57) Abstract :

The disclosure relates to a microstrip array antenna comprising of a first substrate having a predetermined thickness disposed on the ground plane, a first dielectric layer is disposed on the substrate, said first dielectric layer consisting of feed network on the bottom side and a planar hour glass shaped aperture on other side. A second substrate disposed on the first dielectric layer, a second dielectric layer is disposed on the second substrate, said second dielectric layer consisting of bottom patch disposed towards second substrate. A third substrate disposed on the second dielectric layer, a third dielectric layer disposed on the third substrate, said third dielectric layer consisting of top patch disposed towards third substrate, wherein energy from the feed network is coupled to the top patch through the aperture via the bottom patch. The antenna is used for Identification Friend and Foe (IFF) to discriminate the targets.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.885/DEL/2008 A

(19) INDIA

(22) Date of filing of Application :03/04/2008

(43) Publication Date : 19/04/2013

(54) Title of the invention : A BRIDGING SYSTEM METHOD OF OPERATION AND METHOD OF ASSEMBLING THEREOF

(51) International classification

:E01D

(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 AND DEVELOPMENT ORGANISATION[DRDO]

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

(72)Name of Inventor :

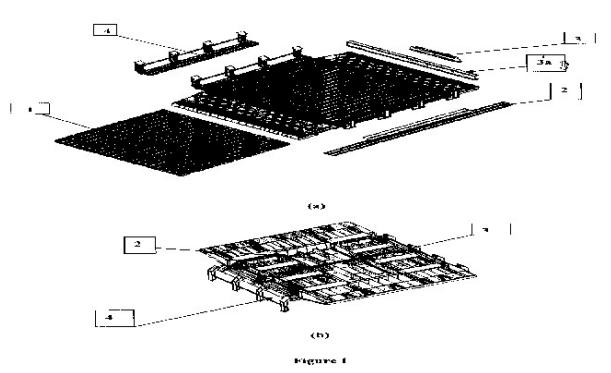
1)A.K.SIVANANDAN

2)N.K. CHAUDHARY

3)UDAY SHANKAR ROY

(57) Abstract :

The present invention is related to bridges; more particularly the present invention is related to bridging system to cross small gaps and canals. The bridges are carried on a vehicle having mechanical handling device. The mechanical handling device deploys the bridges onto the small gaps and canals.



No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2958/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : AMINOACRYLIC ACID DERIVATIVES AND SYNTHESIS THEREOF

(51) International classification	:C07D	(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)DUMBALA SRINIVASA REDDY
(61) Patent of Addition to Application Number	:NA	2)KASHINATH KOMIRISHETTY
Filing Date	:NA	3)SIVA SWAROOP PANDRANGI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a simple, economical and short synthesis for the class of compounds chemically belonging to amino acrylic acids of Formula I exhibiting both antibacterial and antiplasmodium activity, in good yield and purity.

No. of Pages : 22 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.453/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :09/03/2009

(43) Publication Date : 19/04/2013

(54) Title of the invention : A COMPOSITION FOR PH DEPENDENT RELEASE OF THERAPEUTIC AGENT

(51) International classification	:A61K	(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)RAMESH MUTHUSAMY
(61) Patent of Addition to Application Number	:NA	2)MOHAN GOPALKRISHNA KULKARNI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pH dependent drug delivery system comprising a pH sensitive graft copolymer, a therapeutically active agent and other pharmaceutically acceptable ingredients. More specifically, a composition which is capable of suppressing the drug release in the acidic pH prevalent in the stomach and releasing the drug over an extended period of time at pH prevalent in the intestinal region.

No. of Pages : 29 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1236/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/04/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : DEVICE FOR CONTROLLING OPERATION OF PNEUMATIC LIFT AXLE

(51) International classification	:B60G25/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KNORR-BREMSE SYSTEMS FOR COMMERCIALS
(32) Priority Date	:NA	VEHICLES INDIA PVT. LTD.
(33) Name of priority country	:NA	Address of Applicant :SURVEY NOS. 280 & 281, VILLAGE
(86) International Application No	:NA	MANN, HINJAWADI, PHASE 11, TALUKA MULSHI, PUNE -
Filing Date	:NA	411057, Maharashtra India
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MAHESH V YANKATESH SHAHAPURE
Filing Date	:NA	2)SUNIL MANOHAR CHANDORKAR
(62) Divisional to Application Number	:NA	3)HARSHAL SUHAS GHORPADE
Filing Date	:NA	4)RAVINDRA SHASHIKANT SHEWALKAR

(57) Abstract :

The present invention provides a device for controlling operation of pneumatic lift axle. The device includes a first inlet port, a second inlet port, a flow control valve, a reservoir, a pressure to electricity convertor (P to E convertor), an electrically operated valve, a change over valve, a lift bellow and a deploy bellow. Upon sensing pressure X bars the P to E convertor sends signals to the electrically operated valve to operate the change over valve to connect pressurized fluid from the first inlet port to the deploy bellow thereby operating the deploy bellow for lowering the lift axle connected thereto. Upon sensing pressure Y bars the P to E convertor sends signals to the electrically operated valve to operate change over valve to connect pressurized fluid from the second inlet port to the lift bellow thereby operating the lift bellow for lifting the lift axle connected thereto.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1496/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : A NOVEL SYSTEM FOR GEAR NEUTRAL SENSING IN MANUAL TRANSMISSION OF MOTOR VEHICLES

(51) International classification	:F16H59/00, F16H63/00	(71) Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant :R & D CENTER, AUTOMOTIVE SECTOR, 89, M.I.D.C., SATPUR, NASHIK - 422 007, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)AMIT BHARTI
(87) International Publication No	:N/A	2)NANDAGOPALAN C.
(61) Patent of Addition to Application Number	:NA	3)SRINIWAS ARAVAPALLI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A gear neutral sensing system for manual transmission for automotive vehicle comprises a non-contact type proximity sensor and a magnet mounted on transmission base and shifting lever respectively; an electronic control unit receiving input from the said sensor based on the air-gap between said sensor and magnet in geared and neutral condition to detect whether the gear selection is neutral (disengaged) prior to starting an engine coupled to the manual transmission; an interface connected between the out put of the said electronic control unit and the vehicle ON/OFF starter switch; the vehicle battery reads connected to said the electronic control unit for monitoring reference voltage; wherein the said electronic control unit is embedded with software programmed in such way If the air gap is Ok, then check if the vehicle is neutral then allow remote start of the vehicle if battery voltage is low and booster pressure level is low; If the air gap is not OK or Vehicle is not in neutral or if battery voltage is not low or booster Pressure level is not low then do not allow remote start of the vehicle; If the air gap is Ok. then check if the vehicle is neutral then allow start & stop of the vehicle if preconditions are OK.

No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1592/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :24/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : A WATER PURIFICATION DEVICE

(51) International classification	:C02F1/44	(71) Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN UNILEVER LIMITED
(32) Priority Date	:NA	Address of Applicant :165/166 BACKBAY
(33) Name of priority country	:NA	RECLAMATION, MUMBAI - 400020, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)NADAKATTI SURESH MURIGEPPA
(61) Patent of Addition to Application Number	:NA	2)NARENDRAN ABHINANDAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a water purification device for effective removal of particulates, organics, micro-organisms and dissolved salts by a water purification device that has a filtration unit including a carbon block enveloped with a spirally wound layer of non-pleated fabric which in turn is enveloped with spirally wound layer of pleated fabric, encased in a housing having an inlet and an outlet and a filtration membrane in series and in fluid communication with the filtration unit whereby the water exiting the filtration unit flows through the filtration membrane. The water purification device of the invention is capable of filtration of 15000 litres of water without the requirement of any intervention at the membrane level.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1133/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :05/04/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : IN-SITU CROSS LINKING ACID DIVERTING SYSTEM (ISCADA).

(51) International classification	:C09K8/02, C09K8/60, C09K8/68	(71)Name of Applicant : 1)OIL AND NATURAL GAS CORPORATION LTD. Address of Applicant :IOGPT, PHASE -II, PANVEL -410221, NAVI MUMBAI, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)ESHWAR RAO
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a cost effective In-situ Cross linked acid Diverting Agent to stimulate producers and injector wells completed in multilayered formations. The acid diverting formulation (Gel) has a xanthum gum polymer cross linked with Chromium Acetate at an appropriate pH and with an optimum dose of Ammonium Per-sulphate breaker. The formulated Gel has shear thinning behavior that helps in pumping at low surface pressures. As the Gel enters the rock matrix it acquires higher viscosities due to reduced shear rate and temporarily blocks the formation face. This property of the Gel helps in diverting the subsequent acid pill to lesser permeable zones there by stimulating it for easy flow of oil and gas. Multistage diversion of acid with the use of the invented Gel formulation enhances the zonal coverage of stimulation fluid and in turn improves liquid flow in to the well bore.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1234/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/04/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : AN INSUFFLATOR APPARATUS BASED ON VOLUME PRIORITY AND PRESSURE PRIORITY.

(51) International classification	:A61M13/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**
1)BHANSALI HEMANT
Address of Applicant :C-1/7, SUKUMAR HOUSING
SOCIETY, DAYALDAS ROAD, VILE PARLE (EAST),
MUMBAI 400 057, MAHARASHTRA, INDIA.
(72) **Name of Inventor :**
1)BHANSALI HEMANT

(57) Abstract :

An apparatus for insufflating gas in the abdomen of a subject, said apparatus comprises: pressure priority means to select insufflation of gas in said abdomen based on pressure parameters; volume priority means to select insufflation of gas in said abdomen based on volume parameters; selection means adapted to select operation of insufflator in pressure priority mode or volume priority mode or on dual made including both pressure priority mode and volume priority mode.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1585/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :20/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD, MACHINE AND COMPUTER PROGRAM PRODUCT FOR SHARING AN APPLICATION SESSION ACROSS A PLURALITY OF DOMAIN NAMES

(51) International classification	:G06F17/60	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TURAKHIA BHAVIN
(32) Priority Date	:NA	Address of Applicant :DIRECTLPLEX, NEXT TO
(33) Name of priority country	:NA	ANDHERI SUBWAY, OLD NAGARDAS ROAD,
(86) International Application No	:NA	ANDHERI(E), MUMBAI - 400069 Maharashtra India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)TURAKHIA BHAVIN
(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 rebates to method, machine and computer program product for sharing an application session across a plurality of domain names hosting an application without changing a URL in a users browser. A first HTTP request is received for a first domain name from a client. When the first HTTP request comprises a first session identifier, a first response is sent to the client. The first response includes a first HTML page comprising a frame tag for triggering a second HTTP request to a central domain name. When the second HTTP request comprises a second session identifier, a second response is sent to the client. The second response comprises a second HTML page, which is a resource hosted on the first domain name. A third HTTP request is then triggered from the client for sending a third session identifier to the first domain name. Upon verifying that the third session identifier represents the same application session as the second session identifier, the third session identifier is set on the first domain name for the client, resulting in aggregation of the application session.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1602/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :24/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR TIME SYNCHRONIZED SPLICING OPERATION OF A BROADCAST STREAM

(51) International classification	:H04J3/00, H04N7/00	(71) Name of Applicant : 1)VUBITES INDIA PRIVATE LIMITED
(31) Priority Document No	:NA	Address of Applicant :1ST FLOOR, MAHALAXMI ENGG
(32) Priority Date	:NA	ESTATE(ANNEXE), 1ST L. J. CROSS ROAD, MAHIM(W),
(33) Name of priority country	:NA	MUMBAI 400 016 Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DIPANKUMAR MEHTA
(87) International Publication No	:N/A	2)DEVENDRAKUMAR BANKER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for time synchronized splicing operation on a broadcasting stream is disclosed. In one embodiment, the method for time synchronized splicing operation on the broadcasting stream comprises scheduling the splicing operation on the broadcasting stream in accordance of a schedule, and performing the splicing operation on the scheduled broadcasting stream in accordance with one or more events of the schedule.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1262/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :16/04/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : AUTOMATIC SWITCH OF SCREEN LAYOUTS

(51) International classification	:G06F3/00, G09G5/00	(71) Name of Applicant : 1)TATA TELESERVICES LTD
(31) Priority Document No	:NA	Address of Applicant :A E & F Blocks Voltas Premises T.B.
(32) Priority Date	:NA	Kadam Marg Chinchpokli Mumbai - 400033 Maharashtra India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)Mr. Prashant Prabhuwalawalkar
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 :

Embodiments of the present disclosure, relate to automatic switch of screen layouts. According to an embodiment of the present disclosure, a method for automated switch of screen layouts comprises acquiring object information for each screen layout, processing acquired object information as per user requirements, storing processed object information in a data storage array, evaluating suitability of each screen layout for display and displaying and automatically switching screen layouts as per evaluation and stored object information.

No. of Pages : 22 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1497/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : REMOTE OPERATED AUTOMATIC LIGHTING SYSTEM FOR MOTOR VEHICLE

(51) International classification	:G06F19/00, G08C17/00	(71) Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant :R & D CENTER, AUTOMOTIVE SECTOR, 89, M.I.D.C., SATPUR, NASHIK - 422 007, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PRABAHARAN PALANIVELU
(87) International Publication No	:N/A	2)VELUSAMY ASHOK
(61) Patent of Addition to Application Number	:NA	3)ARUN M. RAVEENDRAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention a remote operated automatic lighting system for motor vehicle. The said system comprises a microprocessor in communication with remote key/trigger switch through a radio frequency communication module. A rain/light sensor, mounted on the windscreen of vehicle, connected to said processor through local interconnect network (LIN). The head lamps of the vehicle connected to the processor through hardwire connection. The processor is programmed with an embedded software to operate the system in such way that when RF signals received from remote key/trigger switch the sensor of the system is activated to sense the intensity of natural light and sends the feedback to the processing unit through the LIN communication protocol whether the intensity of natural light is below the desired limit indicating dark situation, and thereby the feedback received from sensor is processed by the processing unit as herein illustrated with figures of flow diagram and automatically switch ON the headlamps of the vehicle which assist the user to find his path in the dark.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1580/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :20/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : COOLING SYSTEM

(51) International classification	:F25F5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOHAN DEWAN
(32) Priority Date	:NA	Address of Applicant :MOHAN VILLA, 1147-B,
(33) Name of priority country	:NA	SHIVAJINAGAR, PUNE-411016, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MOHAN DEWAN
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cooling system is envisaged wherein the water from the condensing coils of air conditioning units are lead to and collected in an enclosed tank and reused to cool the ambient atmosphere in a way that adds to the aesthetic look of the building besides increasing the efficiency of the air conditioners. A fogger unit is integrally or externally connected to the tank in order to spray a mist of water into the atmosphere when the water from condensing units collected in the tank reaches a pre-determined level.

No. of Pages : 14 No. of Claims : 8

(54) Title of the invention : SURFACE AERATOR BLADES WITH HORIZONTAL BUCKET

(51) International classification	:C02F1/00, CO2F3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MANOJ NAGORAO HEDAOO
(32) Priority Date	:NA	Address of Applicant :25, SHRIVIKAS COLONY, P.O
(33) Name of priority country	:NA	RUKHMINI NAGAR AMRAVATI-444606 Maharashtra India
(86) International Application No	:NA	2)DR. ANAND GOVIND BHOLE
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)MANOJ NAGORAO HEDAOO
(61) Patent of Addition to Application Number	:NA	2)DR. ANAND GOVIND BHOLE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention deals with innovative shape of the blade of horizontal shaft aerator for more efficient transfer of the oxygen from air to the wastewater in the ditch. In the present invention, the rotor is made up of steel plates called blades assembly, mounted on steel drum which is fixed over steel shaft. The plan of the invention is rectangle when looked from top, the length being almost equal to the width of the ditch while the width of the invention is of suitable dimension (size). The blade assembly consists of a trapezoidal shaped bucket attached to the rotor with the help of supports at both ends. There is small opening to the bucket along its length. This opening helps to collect the water when it is immersed and spills away when the opening turns towards water surface in the ditch. The plurality of these blade assembly rotates along with the horizontal rotor in the oxidation ditch, thus moving through water and air alternately. While in the air the blade assembly helps to distribute water more uniformly and effectively to achieve better aeration thus improving the dissolved oxygen after oxidizing the biomass. This invention is described in detail with the help of figure 1 which shows flow diagram of conventional Activated Sludge Process. Figure 2 showing flow diagram of Oxidation Ditch, figure 3 showing c/s of rotor for conventional Oxidation Ditch, figure 4(a) showing plan of rotor with flat blades for conventional Oxidation Ditch, figure 4(b) showing c/s of rotor with flat blades at A-A, figure 4c showing c/s of flat blades at B-B, figure 5(a) showing plan of rotor with angular blades in Oxidation Ditch, figure 5(b) shows c/s of rotor with angular blades at A-A, figure 5(c) showing c/s of angular blades at B-B, figure 6 shows a plan of the rotor along with blade assembly. figure 7 shows a cross section of the rotor along with blade assembly at A-A, Figure 8 (a) shows Details of blade assembly, figure 8 (b) shows Top of view of blade assembly, figure 8 (c) shows Left side view of blade assembly, figure 9 shows Completely submerged blade assembly and figure 10 shows Different positions of blade assembly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1616/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : A NEW CONTROL SYSTEM AND METHOD FOR MAXIMIZATION OF HEAT UTILIZATION AND HEAT RECOVERY IN CEMENT PLANT TO SIMULTANEOUSLY ACHIEVE OPTIMUM PRODUCTIVITY AND QUALITY OF CLINKER

(51) International classification	:F27B7/42, C04B12/00	(71) Name of Applicant : 1)TRANSPARENT ENERGY SYSTEMS PVT. LTD Address of Applicant :PUSHPA HEIGHTS, 1ST FLOOR BIBWEWEDI CORNER, PUNE- SATARA ROAD, PUNE- 411 037 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ATRE ASHOK DATTATRAYA
(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 relates to a novel design of control system for maximization of heat reutilization and heat recovery in cement plant to simultaneously achieve best productivity and quality of cement clinker.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1617/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : HIGH TEMPERATURE THREE WAY DIVERTER VALVE

(51) International classification	:F16K11/00, F16K51/00	(71) Name of Applicant : 1)TRANSPARENT ENERGY SYSTEMS PVT.LTD Address of Applicant :PUSHPA HEIGHTS, 1ST FLOOR BIBWEWEDI CORNER, PUNE-SATARA ROAD, PUNE-411 037 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ATRE ASHOK DATTATRAYA
(87) 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 Fully automatic high temperature three way diverter valve comprising of a main shell; said shell provided with one inlet nozzle to be connected to gas supply and two outlet nozzles; one connected to the equipment and another connected to the bypass or chimney; there are provided machined valve seat on either side of the said inlet nozzle from inside the said main cylindrical shell; a connecting rod is provided inside the said shell having poppet and pin arrangement at one end of the connecting rod, inside the main shell and fin Cooled Gland packing arrangement at the point, where the connecting rod enters the main shell of diverter valve for leak proof sealing at higher temperature; there is provided a cleaning window to the said cylindrical shell from the outer side for easy cleaning of the said fully automatic three way diverter valve characterize in that the main shell is provided with the limpet coils from the outer side of said main shell for operating the valve at higher temperature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1618/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : WALKING MOBILE CHARGER

(51) International classification	:H02P9/04, F03G5/06	(71) Name of Applicant : 1)AKSHAY S/O CHINTESHWAR MOHADIKAR Address of Applicant :QUARTER NO.221, VAISHALI NAGAR, OPP. PANCHASHEEL HIGH SCHOOL, NAGPUR. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)AKSHAY S/O CHINTESHWAR MOHADIKAR
(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 charger should be the model of muscular energy converter to electrical energy, which contains belt arrangement, gear mechanism, DC motor filter circuit and charoinp circuit The moyemenl of knee is the largest supplier of energy to this system. The voltage generated is DC and by using filter circuit we can constant the output Mobile will be definitely charge without fail by using this equipment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/04/2010

(21) Application No.162/MUM/2010 A

(43) Publication Date : 19/04/2013

(54) Title of the invention : AN EARTHQUAKE DISASTER SIMULATION SYSTEM

(51) International classification	:G06F17/50, G01V1/00, G01M7/08	(71)Name of Applicant : 1)CORE PROJECTS & TECHNOLOGIES LTD. Address of Applicant :BLOCK NO:1-8, BUILDING NO:4 SECTOR-3, MILLENNIUM BUSINESS PARK, MAHAPE, NAVI, MUMBAI - 400 710. Maharashtra India
(31) Priority Document No	:NA	2)INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)RAVI SINHA
(86) International Application No	:NA	2)ATUL PATIL
Filing Date	:NA	3)ASHISH SAPRE
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer-assisted method for creating earthquake engineering based realistic earthquake simulation in immersive virtual reality environment comprises: careful selection of building plan and internal elements on the basis of simulation objective, then selection of a suitable earthquake ground motion data from a pool of pre-recorded or synthetic earthquake data, then designing computer based structural engineering models of buildings and internal elements therein, thereafter, generating earthquake response of the said buildings and the said elements on the basis of earthquake engineering principles , then generating three dimensional (3D) computer models of the said buildings and the said elements and also mapping the said response onto these 3D models thereby producing 3D animations, thereafter creating stereoscopic visual and audio renderings of said animations for the immersive virtual reality platform of interest.

No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1614/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : A NEW CONTROL SYSTEM AND METHOD FOR MAXIMIZATION OF HEAT UTILIZATION AND HEAT RECOVERY IN CEMENT PLANT TO SIMULTANEOUSLY ACHIEVE OPTIMUM PRODUCTIVITY AND QUALITY OF CLINKER.

(51) International classification	:F27B7/42, C04B12/00	(71) Name of Applicant : 1)TRANSPARENT ENERGY SYSTEMS PVT. LTD Address of Applicant :PUSHPA HEIGHTS, 1ST FLOOR BIBWEWEDI CORNER, PUNE- SATARA ROAD, PUNE-411 037 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ATRE ASHOK DATTATRAYA
(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 relates to a novel design of control system for maximization of heat reutilization and heat recovery in cement plant to simultaneously achieve best productivity and quality of cement clinker.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1615/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : A NEW CONTROL SYSTEM AND METHOD FOR MAXIMIZATION OF HEAT UTILIZATION AND HEAT RECOVERY IN CEMENT PLANT TO SIMULTANEOUSLY ACHIEVE OPTIMUM PRODUCTIVITY AND QUALITY OF CLINKER

(51) International classification	:F27B7/42, C04B12/00	(71) Name of Applicant : 1)TRANSPARENT ENERGY SYSTEMS PVT. LTD Address of Applicant :PUSHPA HEIGHTS, 1ST FLOOR BIBWEWEDI CORNER, PUNE- SATARA ROAD, PUNE- 411 037 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ATRE ASHOK DATTATRAYA
(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 relates to a novel design of control system for maximization of heat . reutilization and heat recovery in cement plant to simultaneously achieve best productivity and quality of cement clinker.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1625/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :26/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : INDION MAXIMUM EFFICIENCY REVERSE OSMOSIS PROCESS (I-MRP).

(51) International classification	:C02F1/44	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ION EXCHANGE (INDIA) LIMITED.
(32) Priority Date	:NA	Address of Applicant :TIECICON HOUSE DR. E. MOSES
(33) Name of priority country	:NA	ROAD, MAHALAXMI, MUMBAI-400 011, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)DR. RAJESH RANJEET SINGH
(61) Patent of Addition to Application Number	:NA	2)PRASHANT CHITNIS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Indion Maximum Efficiency Reverse Osmosis Process (I-MRP) is a process / technology for the treatment of water and wastewater having high hardness, heavy metals, silica, and other contaminants to achieve high system recovery. The process includes lime soda softening precipitation where the scale forming salts are reduced followed by media filtration for suspended solids removal, weak acid cation exchange columns for residual hardness removal, and reverse osmosis membranes for demineralization. Filter backwash and WAC regeneration waste is recycled back to clarifier. With this process, it is possible to achieve recovery between 90 - 99 %.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1628/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :26/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : TAXONOMIC CLASSIFICATION OF METAGENOMIC SEQUENCES

(51) International classification	:G06F19/14, G06F19/24	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI MH 400021, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MANDE SHARMILA S.
(33) Name of priority country	:NA	2)HAQUE MOHAMMED MONZOORUL
(86) International Application No	:NA	3)GHOSH TARINI SHANKAR
Filing Date	:NA	4)SINGH NITIN KUMAR
(87) 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(s) for identifying a taxon corresponding to a query sequence are described herein. The method includes selecting a target cluster, from amongst a plurality of reference clusters (165), corresponding to the query sequence. The target cluster may be selected based on a composition based analysis. A similarity based analysis of the query sequence is performed with respect to the target cluster. From the target cluster, the taxon corresponding to the query sequence is identified based on the similarity based analysis.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1641/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :28/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : UTILIZING EMERGENCY PROCEDURES TO DETERMINE LOCATION INFORMATION OF A VOICE OVER INTERNET PROTOCOL DEVICE

(51) International classification	:H04M99/00, H04W64/00	(71) Name of Applicant : 1)SONUS NETWORKS, INC. Address of Applicant :7 TECHNOLOGY PARK DRIVE, WESTFORD, MASSACHUSETTS,01866, U.S.A.
(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)ASHISH NAGPAL
Filing Date	:NA	2)ASHISH SHARMA
(87) 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 :

Described are methods and apparatuses, including computer program products for utilizing emergency procedures to determine location information for a Voice Over Internet Protocol (VOIP) device. A wireless access gateway (WAG) determines location information of the VOIP device and stores the location information. A request for a location of the VOIP device from a Mobile Switching Center (MSC) is received by the WAG. The WAG translates the stored location information into a format used by the MSC to receive location information from a Radio Access Network (RAN). The WAG provides the translated location information to the MSC.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1593/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :24/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : BUILDER COMPOSITION AND PROCESS FOR BUILDING

(51) International classification	:C11D3/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN UNILEVER LIMITED
(32) Priority Date	:NA	Address of Applicant :165/166 BACKBAY
(33) Name of priority country	:NA	RECLAMATION, MUMBAI - 400020, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)HIBARE SUJITKUMAR SURESH
(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 in the field of detergent ponders. The invention particularly relates to a builder composition providing sequential building of Magnesium and Calcium hardness ions. Although a lot of progress is made, the problem of getting fast building and building to a very low level of hardness ions remains to be desired, especially achieving this without the use of phosphate builder material. It is an object of the invention to reduce magnesium ion poisoning of a laundry builder system. The present inventors have found that when magnesium ions are removed from the water before the calcium building is started the overall building is faster and the overall removal of hardness ions is improved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1600/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :24/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DISINTEGRATING AN XML DOCUMENT FOR HIGH DEGREE OF PARALLELISM

(51) International classification

:G06F17/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TATA CONSULATANCY SERVICES LIMITED

Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
INDIA.

(72)Name of Inventor :

1)SAHOO PRABIN RANJAN

2)TENDULKAR DATTATRAYA MOHAN

(57) Abstract :

The present invention relates to the field of high performance computation. Particularly, the invention relates to converting a huge XML document into SDML format which can be processed with high degree of parallelism to achieve high performance. In addition also SDML can be used as a standalone protocol for data representation. SDML deals with one time write and many times read. Further, SDML files can be splitted on number of lines which makes it easier to distribute among multi cores and even distributing across servers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1607/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :24/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : APPARATUS FOR HEAT LOSS CHARACTERIZATION OF SOLAR OVENS

(51) International classification	:F24J2/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHANDAK AJAY GIRDHARILAL
(32) Priority Date	:NA	Address of Applicant : 'SHAMGIRI', AGRA ROAD,
(33) Name of priority country	:NA	DEOPUR, DHULE: 424 005, STATE: MAHARASHTRA.
(86) International Application No	:NA	INDIA. PH: 0562-271795, MB+91-9823033344, EMAIL:
Filing Date	:NA	chandak@princeindia.org Maharashtra India
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)CHANDAK AJAY GIRDHARILAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An Apparatus for heat loss characterization of solar ovens is provided. An. apparatus for heat loss characterization of solar ovens include a solar oven, an electrical heating element, a power supply, a temperature controller, thermostat and electrical wattmeter. Temperature controller and electrical wattmeter are installed in between the power supply and the electrical heating element while the temperature controller gets input signal from the thermostat. Electrical heating element and thermostat are installed inside the solar oven. This arrangement permits measurement of heat losses through electrical energy measurement and establish heat loss characteristics curve for the solar oven under consideration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1608/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :24/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : WOOD STOVE WITH WHIRLING FLAME

(51) International classification	:F23B60/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHANDAK AJAY GIRDHARILAL
(32) Priority Date	:NA	Address of Applicant : 'SHAMGIRI', AGRA ROAD,
(33) Name of priority country	:NA	DEOPUR, DHULE: 424 005, STATE: MAHARASHTRA.
(86) International Application No	:NA	INDIA. PH: 0562-271795, MB+91-9823033344, EMAIL:
Filing Date	:NA	chandak@princeindia.org Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)CHANDAK AJAY GIRDHARILAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wood stove with whirling flame is provided. A wood stove with whirling flame comprises of an outer shell, inner shell termed as combustion chamber, a fan, a fan duct and a deflector. Plurality of secondary air openings are provided near the top of combustion chamber for entry of secondary air. Each of these secondary air openings are provided with raised sheet so that secondary air enters tangentially in the combustion chamber. Such tangential entry of secondary air through plurality of secondary air openings creates whirling action for the secondary air and the flame and hence the name of the invention a wood stove with whirling flame.

No. of Pages : 9 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1646/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :31/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : A SYSTEM FOR MATCHING ORDERS IN A SINGLE THREADED MATCHING ENGINE FOR STOCK EXCHANGES

(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

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TATA CONSULATANCY SERVICES LIMITED

Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
INDIA.

(72)Name of Inventor :

1)MANSHARAMANI RAJESH K

(57) Abstract :

A system for matching order in a single threaded matching engine for stock exchanges, the said system comprising of a shared memory data structure for an order book adapted to be used for storing at least one buy order and at least one sell order in predefined index, the plurality of program instructions are configured to cause a processor to validate at least one active order received from at least one active client; send order confirmation information to the active client after validating the order; match at least one active order against at least one passive order in the order book in a time price priority characterized by handling at least 1 million orders/sec with 1u second latency and also handling at least 50% of trades for stock exchanges and send trade confirmation information to the active client and a passive clients .

No. of Pages : 30 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1310/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : IMPROVEMENT IN A DEVICE FOR TRANSFERRING ENERGY BETWEEN PRIMAY WORKING FLUID AND SECONDARY WORKING FLUID BY PREVENTING MIXING AND DIRECT CONTACT OF FLUDS

(51) International classification	:F01B3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:83/MUM/2009
Filed on	:13/01/2009
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SHELKE DATTATRAYA RAJARAM
Address of Applicant :BLOCK NO. 305, A - WING, SWAMI
VIVEKANAND CHOWK, URAN, DIST. RAIGAD 400702,
MAHARASHTRA, INDIA.

(72)**Name of Inventor :**
1)SHELKE DATTATRAYA RAJARAM

(57) Abstract :

A device for transferring energy between primary working fluid and secondary working fluid by preventing mixing and direct contact of fluid by transferring the energy from high pressure small quantity secondary fluid to other large quantity primary fluid to raise pressure or transfer energy from low pressure large quantity fluid(primary) to other low quantity fluid(secondary) to raise pressure. Fluid energy transformer consist of three cylinders(40a,40b,44), two four way valves(15,16), two pairs of bellows(88a,88b), bellows from a pair are connected to form end to end configuration of bellows by interposing disc(63a,63b) between their ends. Said circular disc from each pair is connected by link rods(25,26), such that equal axial expansion or contraction is produced in bellows. Working fluid entering in one of the bellows in pair produces axial expansion in that bellows causing axial contraction of other bellows in the same pair results in increase in pressure of working fluid stored in it. During this process an assembly of circular discs alongwith link rods follows reciprocating motion, as dogs (28,27,30,29) on the link roads are mechanically/ electrically/ pneumatically linked to operator /operators of four way valves(15,16), causes change in direction of motion of reciprocating assembly due to path reversal of respective incoming and outgoing fluid flows from corresponding bellows.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1684/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :02/06/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : IMPROVED LIFT AXLE ASSEMBLY

(51) International classification	:B60G17/00, B60G9/00	(71)Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AMIT K GUPTA
(87) International Publication No	: NA	2)SANDIP R MANE
(61) Patent of Addition to Application Number	:NA	3)SUNIL K AGERWAL
Filing Date	:NA	4)GANESH KALE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In accordance with the present invention, an improved lift axle system comprises; LH and RH long members 01 are disposed parallel to each other, at least one hanger member 02 is vertically mounted on each side of said long members 01. An axle seat member 03 is provided on each side of long member. A pair of lower arm 08 and upper arm 09 pivotally connected to each said axle seat member 03 and casted member 15. A main bellow 04 mounted on each said seat members 03. Axle beam 11 is mounted on said axle seats member 03. A cross member 13 is provided perpendicular to said long member 01 and mounted to said hanger with the help of said casted member 15 on each side of long members. Wherein a lift bellow 05 is vertically arranged between lower 10 and upper 06 lift bellow mounting brackets in sandwiched manner on each side of long members. One link member 14 is pivotally connected to said cross member 13 and lower lift below mounting bracket 10 on each side of long member. The lower lift below mounting bracket 10 pivotally connected to lower arm 08 with the help of an integral arm 20 integral to said lower arm 08. The said one end of said casted member 15 is connected to bottom end of said hanger 02 and said cross member 13 on each side of long member. A locking plate 18 is provided to said casting member 15 which is having a metallic sleeve 19 for connecting said lower 08 and upper 09 arm. The said metallic sleeve 19, casted member 15 and hanger 2 are held together with the help of the bolting arrangement having nut 17 and bolt 16.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2923/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : A VERSATILE PREFORM

(51) International classification	:B65D 79/00	(71) Name of Applicant : 1)BAHUBALI ELECTRONICS PVT LTD
(31) Priority Document No	:NA	Address of Applicant :745/2,KRISHNA KUTIR,P.D.
(32) Priority Date	:NA	HINDUJA MARG,OFF.S.V. ROAD, KHAR (WEST),
(33) Name of priority country	:NA	MUMBAI-400052, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)JAIN SANGEET MOHANLAL
(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 :

According to this invention, there is provided a versatile preform comprising a body region and a pre-defined neck region wherein said preform being a substantially annular assembly having said neck region as an annular defining wall above said body region, characterised in that, said neck region comprises: a neck wall which is a stepped wall with a step region connecting a base wall with a laterally disposed top wall; operative top end of said laterally disposed top wall including an externally protruding annular flange region; and a protruding bump annularly incorporated onto exterior wall of said top wall; such that a cap fits over said neck region of said preform.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2892/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ADAPTIVE MULTIPLE CONTACT ASSIGNMENT

(51) International classification	:G06Q 10/00	(71)Name of Applicant : 1)AVAYA INC Address of Applicant :211,MOUNT AIRY ROAD BASKING RIDGE NEW JERSEY 07920 U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)AGGARWAL, PAWAN KUMAR
Filing Date	:NA	2)KOHLER,JOYLEE E.
(87) International Publication No	:N/A	3)SWADI,KEDAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the present invention generally relate to a system and method for adaptively assigning multiple contacts to an agent determined by that agent's current metrics data or effectiveness measure. In one embodiment, there is provided a method for adaptively assigning multiple contacts to an agent in a contact center, comprising providing a reporting engine containing an agent's metrics; providing an assignment engine for assigning multiple contacts to the agent based upon the agent's metrics received from the reporting engine; storing each contact being served by the agent with at least one agent metrics element to be measured by the reporting engine; updating the agent's metrics in the reporting engine based upon the measured at least one metrics element; comparing the agent's updated metrics with stored target metrics; and assigning multiple contacts to the agent when the agent's metrics is within the target metrics.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2893/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : A PROCESS FOR PREPARING PARA CHLORO BENZOIC ACID FROM 4-CHLORO-2'-HYDROXY BENZOPHENONE

(51) International classification :C08L 101/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :NA

Filing Date :NA

(87) International Publication No :N/A

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :3031/MUM/2011

Filed on :01/11/2010

(71)Name of Applicant :

1)GHARDA,KEKI HORMUSJI

Address of Applicant :GHARDA HOUSE,48 HILL ROAD,
BANDRA(WEST), MUMBAI 400 050, MAHARASHTRA,
INDIA.

(72)Name of Inventor :

1)GHARDA,KEKI HORMUSJI

(57) Abstract :

The present disclosure provides a process for oxidizing 4-chloro-2'-hydroxy benzophenone to valuable product para-chloro benzoic acid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.324/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : SOLAR POWER BASED PAINT CHILLING SYSTEM

(51) International classification

:F28D21/00,
F24J2/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MAHINDRA & MAHINDRA LIMITED

Address of Applicant :MAHINDRA TOWERS, R. K.
KURNE CHOWK, WORLI, MUMBAI - 400 018,
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)PIYUSH THAKAR

2)ANAND D. PATIL

3)RAMDAS NAIR

4)UMESH JOSHI

5)ANANT KHOND

6)NITIN PATE

7)GEORGE JOSEPH

(57) Abstract :

The system relates to tapping solar energy and using it to operate a chilling machine to cool the painting systems in the paint shops used in industrial units such as those used for manufacture of automobiles, white goods, other household or industrial appliances that require painting. It uses a number of solar concentrators preferably working on principle of Schefflers reflector. This tapped heat is used to power a chilling machine, working on vapor absorption principle. The chilling effect created by this machine is used to cool a paint system through a set of heat exchangers which work on liquid to liquid heat transfer principle.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3301/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : KNITTING MACHINE WITH JACQUARD MECHANISM

(51) International classification	:D04B 15/82	(71) Name of Applicant : 1)Taiwan Giu Chun Industrial Co. Ltd.
(31) Priority Document No	:239/2011	Address of Applicant :No. 112 TowLon Road Peitow
(32) Priority Date	:17/10/2011	Changhua Taiwan
(33) Name of priority country	:Bangladesh	(72) Name of Inventor :
(86) International Application No	:NA	1)Shu-Ju Tsai
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A knitting machine is provided with a thread guiding plate mounted between two weft units at both ends of a bed respectively; a positioning member adjacent the thread guiding plate; a stitch holder adjacent the thread guiding plate and including a pattern control board; a thread guiding plate adjacent the positioning member and including parallel needles each including an eyelet a sensor circuit and a latch secured to the positioning member; and a cable having one end electrically connected to the sensor circuits and the other end formed as a connector; parallel shafts with the positioning member mounted thereon; connecting seats disposed at both ends of the stitch holder respectively either ends of the connecting seats secured to the shafts; two guide seats each including links secured to the connecting seat at either end of the stitch holder; and two rotatable jacquard members secured to the guide seats.

No. of Pages : 11 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1699/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :02/06/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : SUCCESSIVE APPROXIMATION REGISTER ANALOG TO DIGITAL CONVERTER CIRCUIT

(51) International classification	:H03M1/38	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Indian Institute of Technology Bombay
(32) Priority Date	:NA	Address of Applicant :Powai Mumbai 400076 Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BAGHINI Maryam Shojaei
(87) International Publication No	: NA	2)HANDE Vinayak Gopal
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques are generally described herein for analog to digital conversion. Some example ADC converters include a unit capacitor array coupled to a reference voltage, where the capacitor array includes multiple capacitors coupled to one another via multiple switches under control of a control block. A comparator, having a first input and a second input, is configured to receive a controlled voltage generated from the unit capacitor array and compare an analog voltage to the controlled voltage. The control block is configured to selectively open or close the switches, receive a comparison result from the comparator, and generate a digital output based on the comparison result. The control block is configured to control the switch timing of the unit capacitor array for reset, pre-charge, charge redistribution, and comparison phases, where a passive charge redistribution method may be utilized.

No. of Pages : 48 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2910/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : STABLE ETOPOSIDE PREPARATION WITH GOOD ORAL BIOAVAILABILITY

(51) International classification

:A61K
9/66

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)NEON LABORATORIES LTD.

Address of Applicant :140,DAMJI SHAMJI INDUSTRIAL
COMPLEX,MAHAKALI CAVES ROAD,ANDHERI(EAST),
MUMBAI- 400093, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)PARAB, INDIRA

2)NARKHEDE,VIRENDRA

(57) Abstract :

The present invention discloses solid oral formulation of etoposide, i.e. 4'-demethylepipodophyllotoxin-9-(4,6-O-ethylidene-p-D-glucopyranoside), comprising free flowing granules of Etoposide in hard gelatin capsules with good oral bioavailability.

No. of Pages : 14 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2912/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : ENERGY CONVERSION SYSTEM

(51) International classification	:H03K 337	(71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
(31) Priority Document No	:NA	Address of Applicant :Powai Mumbai 400076 Maharashtra
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Sandeep Anand
Filing Date	:NA	2)Baylon Godfrey Fernandes
(87) 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 energy conversion system is provided. The energy conversion system comprises an energy converter configured to generate electrical power to a three phase load an inductor coupled to the energy converter on one side and a positive bus and negative bus on another side and a pair of reverse blocking switches coupled to the inductor and configured to reduce leakage current generated by the energy converter. The system further includes a single stage power conversion configured to convert dc power to three-phase ac power.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2924/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : A NOVEL METHOD OF OBTAINING FERRO CARBON FROM A MIXTURE OF DIFFERENT FERROUS SCRAP PRODUCT.

(51) International classification	:C22C 38/00	(71)Name of Applicant : 1)MASSCORP LIMITED.
(31) Priority Document No	:NA	Address of Applicant : MASSCORP HOUSE,PLOT
(32) Priority Date	:NA	NO.38/5,D III BLOCK,MIDC,CHINCHWAD, PUNE- 411019,
(33) Name of priority country	:NA	MAHARASHTRA,INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ALLEN ARUN BANSODE
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention under consideration describes a novel method of obtaining ferro carbon from a mixture of different ferrous scrap product. In the process under consideration for manufacturing of the ferro carbon, light weight M.S. scrap & sponge iron spillage scrap is taken, segregated shredded. Both the scraps thoroughly alongwith the carbon additives. Then, based on the decision about the addition of metal and of the other components based on the spectro analysis, actually the additional metal &/or other components are added. Then, the above mixture is compacted into a chargeable bundle sizes to furnaces for melting & hence, the ferro carbon is ready.

No. of Pages : 9 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2925/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : APPARATUS FOR SEGREGATING AGGREGATES AND A METHOD THEREOF

(51) International classification	:B24D 18/00	(71) Name of Applicant : 1)KALANI JUGAL KISHORE KUNJILALJI
(31) Priority Document No	:NA	Address of Applicant :H-2,OLD M.I.D.C.,SATARA 415-004,
(32) Priority Date	:NA	MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)KALANI JUGAL KISHORE KUNJILALJI
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for segregating aggregates and a method thereof . Embodiments of the present invention described herein, discloses an apparatus and a method for segregating aggregates depending upon size of the aggregates. In one embodiment herein the aggregates are blown on a third chamber having a plurality of baffle plates, wherein first kind of particles pass through the baffle plates while second kind of particles rebound the baffle plates and descend. The aggregates which pass through the baffle plates are separated in a third chamber. The aggregates are further refined in the zigzag shaped passage to separate the first kind of particles from the second kind of particles and also making the particles dust free.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1647/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :31/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : SINGLE THREADED SYSTEM FOR MATCHING, COMPUTATION AND BROADCASTING OF THE MARKET DATA FOR STOCK EXCHANGE.

(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	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TATA CONSULATANCY SERVICES LIMITED
Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
INDIA.

(72)**Name of Inventor :**
1)MANSHARAMANI RAJESH K

(57) Abstract :

A system for single threaded execution of matching, computation and broadcasting of the market data for stock exchange, comprising of a shared memory data structure for an order book adapted to be used for storing at least one buy/sell order in predefined index, a data structure for an market data table adapted to be used for storing at least one market data, wherein the plurality of program instructions are configured to cause a processor to validate at least one active order and send order confirmation; match at least one active order against at least one passive order held in the order book characterized by handling at least 1 million orders/sec with 1u second latency and also handling atleast 50% of trades for stock exchanges; send trade confirmation to traders; compute and update the market data in the market data table and broadcast the market data to traders, whenever order or trade occurs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1649/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :31/05/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : A FORTIFICANT DISPENSING DEVICE

(51) International classification	:C02F1/68	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN UNILEVER LIMITED
(32) Priority Date	:NA	Address of Applicant :165/166 BACKBAY
(33) Name of priority country	:NA	RECLAMATION, MUMBAI - 400020, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)CHATTERJEE JAIDEEP
(61) Patent of Addition to Application Number	:NA	2)DAGAONKAR MANOJ
Filing Date	:NA	3)KUMARAN VETRI
(62) Divisional to Application Number	:NA	4)NADAKATTI SURESH MURIGEPPA
Filing Date	:NA	5)RAMCHANDRA RAJEESH KUMAR

(57) Abstract :

The present invention relates to a fortificant dispensing device that can be incorporated in water purification devices which provide purified potable water. The present invention particularly relates to a water purification device incorporating the fortificant dispensing device to consistently provide potable water ensuring the removal of harmful microorganisms and other contaminants and at the same time provide beneficial amounts of fortificants.

No. of Pages : 37 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2903/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : MECHANISM FOR CONTROLLING MOBILITY IN NETWORK SHARING ENVIRONMENT

(51) International classification	:H04W 4/00	(71)Name of Applicant : 1)RENESAS MOBILE CORPORATION Address of Applicant :6-2 OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100-0004, JAPAN
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)GUILLAUME SEBIRE
Filing Date	:NA	2)DAVID NAVRATIL
(87) International Publication No	:N/A	3)HARRI JOKINEN
(61) Patent of Addition to Application Number	:NA	4)MATHEW K. JIJO
Filing Date	:NA	5)VLORA REXHEPI - VAN DER POL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a mechanism for controlling and supporting network sharing wherein common and dedicated system information are transmitted to host network elements being located in a shared cell. The common system information comprises a base station identification information for identifying a base station communicating in a cell, and an information element indicating radio frequency channels used by neighboring cells communication networks sharing the shared cell. On the basis of the received system information, at least of the common system information, a cell reselection procedure, a local communication area measurement procedure or a cell measurement and reporting procedure is conducted by a host network element. A permission indication is further signaled which is used to limit the number of cells to be considered in the cell reselection procedure or a cell measurement and reporting procedure.

No. of Pages : 67 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1159/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ALLOCATING AN UPLINK CARRIER FOR TRANSMITTING UPLINK CONTROL INFORMATION IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04L27/26
(31) Priority Document No	:61/234,615
(32) Priority Date	:17/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/005416
Filing Date	:17/08/2010
(87) International Publication No	:WO 2011/021830 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LG ELECTRONICS INC.
Address of Applicant :20 YEOUIDO-DONG,
YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(72)**Name of Inventor :**
1)CHUNG, JAE HOON
2)MOON, SUNG HO
3)HAN, SEUNG HEE
4)KIM, SO YEON

(57) Abstract :

The present invention relates to a wireless communication system. More particularly, the present invention relates to a method and apparatus for allocating an uplink carrier for transmitting uplink control information in a wireless communication system that supports carrier aggregation. According to one embodiment of the present invention, a method for transmitting uplink control information in a wireless communication system that supports carrier aggregation of M ($M > 1$) uplink component carriers comprises: a step of receiving setup information on a primary uplink component carrier, from among said M uplink component carriers, via which one or more pieces of uplink control information are to be transmitted; a step of multiplexing said one or more pieces of uplink control information; and a step of transmitting the multiplexed uplink control information through the primary uplink component carrier.

No. of Pages : 87 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1265/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD OF TRIMMING TRAFFIC IN AN E-MBMS SYSTEM AND BM-SC FOR IMPLEMENTING THE METHOD

(51) International classification :H04W28/02

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/000919

Filing Date :11/08/2009

(87) International Publication No :WO 2011/017822 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)CHEN, YU

2)WANG, HE

(57) Abstract :

The present invention provides a method of trimming traffic in an e-MBMS system and BM-SC for implementing the method. The method comprises: determining, by a BM-SC, an ABBR of the multiplexing; allocating, by an MCE, resources based on the determined ABBR; determining, by the BM-SC, whether data amount to be transmitted in a synchronization period exceeds resources allocated in the synchronization period; and dropping, by the BM-SC, tail data packets that cannot be sent in the synchronization period in the multiplexed service if it is determined to exceed. Further, the method also comprises: before the step of determining, voluntarily dropping, by the BM-SC, some data packets in the multiplexed service.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1277/CHENP/2012 A

(43) Publication Date : 19/04/2013

(54) Title of the invention : SECURE KEY MANAGEMENT IN MULTIMEDIA COMMUNICATION SYSTEM

(51) International classification :H04L9/08
(31) Priority Document No :12/549,932
(32) Priority Date :28/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/046342
Filing Date :23/08/2010
(87) International Publication No :WO 2011/031439 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)GANAPATHY S. SUNDARAM
2)VIOLETA CAKULEV

(57) Abstract :

Principles of the invention provide one or more secure key management protocols for use in communication environments such as a media plane of a multimedia communication system. For example, a method for performing an authenticated key agreement protocol, in accordance with a multimedia communication system, between a first party and a second party comprises, at the first party, the following steps. Note that encryption/decryption is performed in accordance with an identity based encryption operation. At least one private key for the first party is obtained from a key service. A first message comprising an encrypted first random key component is sent from the first party to the second party, the first random key component having been computed at the first party, and the first message having been encrypted using a public key of the second party. A second message comprising an encrypted random key component pair is received at the first party from the second party, the random key component pair having been formed from the first random key component and a second random key component computed at the second party, and the second message having been encrypted at the second party using a public key of the first party. The second message is decrypted by the first party using the private key obtained by the first party from the key service to obtain the second random key component. A third message comprising the second random key component is sent from the first party to the second party, the third message having been encrypted using the public key of the second party. The first party computes a secure key based on the second random key component, the secure key being used for conducting at least one call session with the second party via a media plane of the multimedia communication system.

No. of Pages : 60 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1312/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : INJECTION NOZZLE FOR BLAST MACHINING

(51) International classification	:B24C5/04
(31) Priority Document No	:2009-199170
(32) Priority Date	:31/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/063089
Filing Date	:03/08/2010
(87) International Publication No	:WO 2011/024613
	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)SUZUKI, YUKINORI

2)SHIBUYA, NORIHITO

(57) Abstract :

Provided is a highly durable injection nozzle for blast machining, which is capable of machining a wide width area uniformly. The nozzle (10) is provided with a gas injector (11), a supplying port (12) for supplying an injection material, a mixing chamber (13) which is connected to the gas injector and the supplying port and in which a compressed gas supplied from the gas injector and the injection material, supplied from the supplying port are mixed to form a solid-gas two-phase flow, and an abrasive injector (14) which injects the solid-gas two-phase flow introduced from the mixing chamber onto an object to be machined. A straightening segment (20) which widens a flow of the compressed gas in the major side direction is formed at an opening (11b) of the gas injector. The straightening segment is provided with straightening members (21) having straightening surfaces (21a) for widening the flow of the compressed gas in the major side direction of a rectangular section of the gas injector. The straightening members (21) are provided perpendicular to the major sides and symmetrically with respect to a center line of the major sides and divide a first fluid path (11a).

No. of Pages : 28 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1321/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : EVOLVED MULTIMEDIA BROADCAST MULTICAST SERVICE SYSTEM AND METHOD FOR PERFORMING STATISTICAL MULTIPLEXING OF SERVICES WITH DIFERENT QUALITY OF SERVICE CLASS IDENTIFIERS

(51) International classification	:H04L29/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2009/000918
Filing Date	:11/08/2009
(87) International Publication No	:WO 2011/017821 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)CHEN, YU

(57) Abstract :

A method for performing statistical multiplexing of services with different Quality of Service Class Identifiers (QCIs) in an evolved Multimedia Broadcast Multicast Service (e-MBMS) system, comprising: at an evolved Broadcast Multicast Service Center (eBM-SC), determining a statistical multiplexing bundle and information of the statistical multiplexing bundle for e-MBMS services, wherein the statistical multiplexing bundle comprises multiple services with different QCIs, and services with the same QCI constitute a statistical multiplexing sub-bundle in the statistical multiplexing bundle, the information of the statistical multiplexing bundle comprising: a QCI, a service list and an Aggregated Bundle Bit Rate (ABBR) of each statistical multiplexing sub-bundle, and the ABBR of the statistical multiplexing bundle; at an MBMS Collaborative Entity (MCE), determining an ABBR bundle based on the information of the statistical multiplexing bundle determined by the eBM-SC and according to a predetermined standard, and performing statistical multiplexing scheduling for the services of the ABBR bundle so that multiple services belonging to the same ABBR bundle share resources allocated to the ABBR bundle. The method may acquire further gain, that is, further reduce resource consumption.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1328/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF N-[2-[7-METHOXY-1-NAPHTHYL]ETHYL]ACETAMIDE CRYSTALLINE FORM I

(51) International classification	:A01N 37/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IN2011/000503
Filing Date	:01/08/2011
(87) International Publication No	:WO/2013/018100
(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)DODDA MOHAN RAO

2)PINGILI KRISHNAREDDY

3)AMBATI ANNA REDDY

(57) Abstract :

The present invention provides a cost-effective, reproducible and industrial process for the preparation of N-[2-(7-methoxy-1-naphthyl) ethyl] acetamide crystalline form I and pharmaceutical compositions thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1364/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING PILOT IN WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04B7/26
(31) Priority Document No	:61/237,697
(32) Priority Date	:28/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/003796
Filing Date	:14/06/2010
(87) International Publication No	:WO 2011/025131 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)CHO, HAN GYU
2)LEE, WOOK BONG
3)CHOI, JIN SOO

(57) Abstract :

A method and apparatus for transmitting a pilot in a wireless communication system is provided. A pilot generating unit generates the pilot. A transmission circuitry transmits the pilot and a radio signal. A processor assigns a first index and a second index to each of a plurality of pilot patterns, determines a selection pilot pattern having a first selection index and a second selection index calculated based on a cell ID, which are respectively identical with the first index and the second index, from among the plurality of pilot patterns, and maps the generated pilot to a resource element based on the selection pilot pattern.

No. of Pages : 55 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1375/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : COMPACT MULTI-BAND PLANAR INVERTED F ANTENNA

(51) International classification	:H01Q1/48, HO1Q9/04
(31) Priority Document No	:61/235,636
(32) Priority Date	:20/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046230
Filing Date	:20/08/2010
(87) International Publication No	:WO 2011/022698 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)GUINING SHI

2)ALLEN M. TRAN

(57) Abstract :

A simple, compact multi-band PIFA including two arm portions, where one arm portion is grounded at two points to form a loop, a ground plane, and a plastic carrier and housing. The antenna radiates a same signal from both arm portions, at different efficiencies according to the radiated frequency and the effective length of each arm. The antenna is made from a single standard metal sheet by cutting it and is assembled with the metal ground plane and the other plastic parts. In one embodiment, the antenna is folded into a 3D U-shape to reduce its size for use in mobile communication devices. In another embodiment, the antenna is a penta-band antenna with return loss of -6B or better and measures 40 x 8 x 8 mm or smaller.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1381/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHODS OF TREATING A DISORDER ASSOCIATED WITH SEQUESTERED BACTERIA

(51) International classification :C12N
(31) Priority Document No :61/486,566
(32) Priority Date :16/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022764
Filing Date :26/01/2012
(87) 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)JOHN, MCMICHEL

(57) Abstract :

Disclosed herein are methods and compositions for treating a disorder associated with sequestered bacteria in a mammalian subject comprising the step of administering to the subject a combination therapy comprising streptolysin O and antibiotic therapy in an amount effective to treat the disorder.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1396/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 19/04/2013

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

(51) International classification	:H04N5/265
(31) Priority Document No	:2009-224091
(32) Priority Date	:29/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057590
Filing Date	:28/04/2010
(87) International Publication No	:WO 2011/040077
	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)YUHJI TANAKA

(57) Abstract :

A signal synthesis section (10) synthesizes a first input image signal and a second input image signal such that frames of a first input effective signal and of a second input effective signal, overlap between the frames being long, are synthesized.

No. of Pages : 89 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1398/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING UPLINK CONTROL SIGNAL IN RELAY STATION

(51) International classification :H04B7/14
(31) Priority Document No :61/242,803
(32) Priority Date :16/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/006226
Filing Date :13/09/2010
(87) International Publication No :WO 2011/034318 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)CHUN, JIN YOUNG
2)CHO, HAN GYU
3)LIM, DONG GUK
4)IHM, BIN CHUL
5)KWAK, JIN SAM

(57) Abstract :

A method of transmitting an uplink (UL) control signal of a relay station is provided. The method includes: configuring a UL relay zone for transmitting a signal by the relay station to a base station in a frame; configuring a resource unit including a plurality of symbols and a plurality of subcarriers to allocate the UL control signal in a subframe of the UL relay zone; and transmitting the UL control signal by using the resource unit, wherein, if a transition gap required for switching of signal transmission and reception of the relay station is included in the subframe, the UL control signal is transmitted in the remaining symbols other than the plurality of symbols constituting the resource unit including the transition gap.

No. of Pages : 36 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1428/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : INTRANASAL SPRAY-TYPE TUBERCULOSIS VACCINE USING PARAMYXOVIRUS VECTOR

(51) International classification :A61K39/04
(31) Priority Document No :2009-252218 2009
(32) Priority Date :02/11/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/069435
Filing Date :01/11/2010
(87) International Publication No :WO 2011/052771
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)NOSAKI, TETSUYA
4)FUKUMURA, MASAYUKI

(57) Abstract :

Disclosed is a intranasal spray-type tuberculosis vaccine, which has a high prophylactic effect on human tuberculosis, particularly adult tuberculosis. The nebulizable tuberculosis vaccine for intranasal administration comprises a paramyxovirus gene (particularly rhPIV2) having, integrated therein, a gene encoding an antigen derived from an acid-fast bacterium (e.g., an antigen derived from Mycobacterium kansasii or Mycobacterium bovis BCG) , an analogue of the gene, or a variant of the gene which has an equivalent function to that of the gene.

No. of Pages : 50 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1429/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04W48/18
(31) Priority Document No	:2009/187564
(32) Priority Date	:12/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/063654
Filing Date	:11/08/2010
(87) International Publication No	:WO 2011/019059
	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)KOSHIMIZU, TAKASHI

3)TAMURA, TOSHIYUKI

(57) Abstract :

In a mobile communication system capable of switching between a first communication state and a second communication state, in a case of a first communication state, a VoIP media signal is exchanged between a mobile station UE #1 and a mobile station UE #2 via an LTE radio access system and a node S-GW, a VoIP control signal is exchanged via the LTE radio access system, the node S-GW, and IMS, and in a case of a second communication state, a circuit-switched signal is exchanged between the mobile station UE #1 and an enhanced MSC/MGW via a 2G/3G radio access system, the VoIP media signal is exchanged between the enhanced MSC/MGW and the mobile station UE #2 via the node S-GW, and the VoIP control signal is exchanged between the enhanced MSC/MGW and the mobile station UE #2 via the node S-GW and the IMS.

No. of Pages : 64 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1317/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PARAMETER UPDATE IN AN UPLINK BASEBAND CHIP AT NODEB SIDE OF A WCDMA SYSTEM

(51) International classification	:H04W80/00
(31) Priority Document No	:200910160091.4
(32) Priority Date	:21/07/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072999
Filing Date	:20/05/2010
(87) International Publication No	:WO 2011/009327 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)HONGBO XU

(57) Abstract :

Disclosed in the present invention is a method for parameter update in an uplink baseband chip at NodeB side of a WCDMA system, comprising: a software module sending an update parameter required by RAKE demodulation and a corresponding task request thereof to a main control module, with the task request including effective time of the update parameter; the main control module instructing a task execution module to use the update parameter at the effective time; and the task execution module using the update parameter in real time once receiving the instruction. The present invention further provides an apparatus for parameter update in an uplink baseband chip at NodeB side of a WCDMA system. The technical solution of the present invention has the following advantages: flexible parameter configuration, accurate update time, high integrity, and good flexibility.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1488/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD OF UPDATING BS SYSTEM INFORMATION OF A RELAY STATION IN A BROADBAND WIRELESS ACCESS SYSTEM

(51) International classification :H04B7/14
(31) Priority Document No :61/236,158
(32) Priority Date :24/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/005614
Filing Date :24/08/2010
(87) International Publication No :WO 2011/025206 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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4)PARK, GI WON
5)KIM, YONG HO
6)YUK, YOUNG SOO

(57) Abstract :

A method for efficiently updating system information of a base station at a relay station of a broadband wireless access system and an apparatus for performing the method are disclosed. The method for updating system information of an advanced base station (ABS) at an advanced relay station (ARS) of a broadband wireless access system comprises receiving a first message, which includes changed information of the system information of the base station, from the base station; transmitting a second message for acknowledgment of the first message to the base station; and performing application for the changed information.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1495/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : MOBILE TERMINAL

(51) International classification :H04M1/02
(31) Priority Document No :2009-172465
(32) Priority Date :23/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/061995
Filing Date :15/07/2010
(87) International Publication No :WO 2011/010602
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)SAKAI, YUKI
3)MORIMURA, HIDEKAZU
4)YAMADA, SATOSHI
5)MORITA, MASANORI

(57) Abstract :

An embodiment of a mobile terminal according to the present invention is a mobile terminal (1) in which an upper housing (4) is slidable relative to a lower housing (2). Two rotating plates (5, 6) are provided side by side along a lower surface of the upper housing (4), and rotation center points (5a, 6a) of the two rotating plates (5, 6) are rotatably supported by the upper housing (4). Two pivots (5c, 6c) are provided on the two respective rotating plates (5, 6) at points on circular paths having the same radius whose centers are the rotation center points (5a, 6a) of the rotating plates (5, 6). The two pivots (5c, 6c) are rotatably supported by the lower housing (2) so that the two pivots (5c, 6c) and the two rotation center points (5a, 6a) form the four corners of a parallelogram, and the two pivots (5c, 6c) are both located near a side edge (2d) of the lower housing (2).

No. of Pages : 47 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1496/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 19/04/2013

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

(51) International classification	:H04N9/64
(31) Priority Document No	:2009-264475
(32) Priority Date	:20/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060119
Filing Date	:15/06/2010
(87) International Publication No	:WO 2011/061954
	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)ZHANG, XIAOMANG

(57) Abstract :

Provided is an image processing device capable of displaying an image taking advantage of a color reproduction performance of a panel while ensuring a color to be displayed based on data of an extended color when inputted data including the data of the extended color is supplied. A first color space converting unit (122) converts image data in an RGB colorimetric system, which has a color gamut wider than a color gamut of a liquid crystal panel (14) into image data in an XYZ colorimetric system. A three-dimensional nonlinear color gamut converting unit (123) performs conversion on tristimulus values of the XYZ signal. At this time, the image data is classified into four colors and converted respectively such that the first color is displayed in a color accurate to the inputted data, the second color is displayed such that saturation of the second color is increased, the third color is displayed using a color gamut of a predetermined range out of the color gamut of the liquid crystal panel (14), and the fourth color is displayed in a color corresponding to a boundary of the color gamut of the liquid crystal panel (14).

No. of Pages : 87 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1459/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : HOUSING FOR ELECTRICAL POWER CELLS IN ELECTRICALLY DRIVEN AUTOMOTIVE VEHICLES

(51) International classification	:B32B1/02
(31) Priority Document No	:09010595.8
(32) Priority Date	:18/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/004957
Filing Date	:12/08/2010
(87) International Publication No	:WO 2011/020581
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MULLER, KLAUS

3)SCHWARZ, INES

(57) Abstract :

A housing suitable to comprise multiple electrical power cells in electrically driven motor vehicles comprises at least one lower receiving part and one upper covering part. Both parts fit together and create inside a hollow space. Both parts are prepared from a multilayered material comprising at least one support layer of thermoplastic polymer and at least one cover layer of metal adhering to each other. Such housing is perfectly suitable to protect the power cells inside against mechanical damage and against the influence of fire and/or electromagnetic radiation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1490/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR EFFICIENTLY PERFORMING MULTI-BS MIMO OPERATION IN A BROADBAND WIRELESS ACCESS SYSTEM

(51) International classification	:H04B7/04
(31) Priority Document No	:61/236,843
(32) Priority Date	:25/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/004986
Filing Date	:29/07/2010
(87) International Publication No	:WO 2011/025152 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)LEE, WOOK BONG
3)KIM, YONG HO
4)RYU, KI SEON

(57) Abstract :

A method for determining temporary Base Station BS) Identifiers (IDs) to efficiently set a multi-BS Multiple Input Multiple Output (MIMO) transmission mode and an apparatus for implementing the same in a broadband wireless access system are disclosed. To perform a multi-BS MIMO operation, a Mobile Station (MS) receives a first broadcast message including system information about a plurality of neighbor BSs from a serving BS, receives a second broadcast message including BS set information from the serving BS, the BS set information specifying indexes of one or more neighbor BSs which can be involved in the multi-BS MIMO operation among the plurality of neighbor BSs, and determines a temporary BS ID of each BS included in the BS set information using the specified indexes.

No. of Pages : 55 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1546/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEMS FOR AUTOMATICALLY TRACKING PATCHING CONNECTIONS TO NETWORKS DEVICES USING A SEPARATE CONTROL CHANNEL AND RELATED PATCHING EQUIPMENTS AND METHODS

(51) International classification	:H04Q1/14
(31) Priority Document No	:12/545,096
(32) Priority Date	:21/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045988
Filing Date	:19/08/2010
(87) International Publication No	:WO 2011/022538 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)GERMAN, MICHAEL G.

(57) Abstract :

Methods of automatically tracking a patching connection between a first connector port of a patch panel and a second connector port of a network device are provided in which a sensor is used to detect that a first end of a patch cord has been inserted into the second connector port. The patch cord has at least one data communications channel and a separate control channel. A first conductor of the control channel of the patch cord is biased to power an integrated circuit chip on the network device, in response to the detection by the sensor, a first signal is transmitted over the separate control channel of the patch cord to the network device. A second signal is received over the control channel of the patch cord in response to the first signal. The second signal includes a unique identifier that is associated with the second connector port.

No. of Pages : 52 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1548/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEMS, EQUIPMENT AND METHODS FOR AUTOMATICALLY TRACKING CABLE CONNECTIONS AND FOR IDENTIFYING WORK AREA DEVICES AND RELATED METHODS OF OPERATING COMMUNICATIONS NETWORKS

(51) International classification	:H04Q1/14
(31) Priority Document No	:12/545,096
(32) Priority Date	:21/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046132
Filing Date	:20/08/2010
(87) International Publication No	:WO 2011/022627 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)TUCKER, PETER T.
3)PELUFFO, MATIAS
4)ADRIAENSSENS, LUC WALTER

(57) Abstract :

Methods for collecting information regarding a remote connector port that is connected to a patch panel connector port by a communications cable that has at least one data communications channel and a separate control channel are provided in which a first conductor of the separate control channel of the communications cable is biased to power an integrated circuit chip that is associated with the remote connector port. A first signal is transmitted over the separate control channel of the communications cable to the integrated circuit chip associated with the remote connector port. A second signal is received from the integrated circuit chip over the separate control channel of the communications cable in response to the first signal. The second signal includes information regarding the remote connector port.

No. of Pages : 83 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1392/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR CONFIGURING PHICH CARRIER LINKAGE

(51) International classification :H04W72/04
(31) Priority Document No :2009903829
(32) Priority Date :14/08/2009
(33) Name of priority country :Australia
(86) International Application No :PCT/JP2010/062970
Filing Date :23/07/2010
(87) International Publication No :WO 2011/018952
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)NG, BOON LOONG

(57) Abstract :

There is provided a method of configuring the downlink component carrier between one or more linkage methods for PHICH reception on User Equipment (UE), which is configured for carrier aggregation, over a mobile communication network. This method includes (a) providing an indicator, and (b) determining whether the PHICH carrier linkage should be dynamic linkage or cell specific, based on the value of the indicator.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1403/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : PROVIDING A USER WITH FEEDBACK REGARDING POWER CONSUMPTION IN BATTERY-OPERATED ELECTRONIC DEVICES

(51) International classification	:H04W52/04
(31) Priority Document No	:12/541,415
(32) Priority Date	:14/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045525
Filing Date	:13/08/2010
(87) International Publication No	:WO 2011/020060 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)CHAN, MIKE

3)RICE, DANIEL, S.

4)YAMASANI, AMITH

5)PARKS, JASON, B.

6)MILLAR, EVAN

(57) Abstract :

Methods, systems, and apparatus, including computer programs encoded on a computer storage medium, for providing a user with feedback regarding power consumption in a battery-operated electronic device. In one aspect, a method is performed by one or more data processing apparatus. The method includes receiving, at the data processing apparatus, historical records of power consumption by a collection of battery-operated electronic devices that are operated by different users, aggregating and analyzing, by the data processing apparatus, the historical records to generate representative characterizations of the power consumption on different classes of the battery-operated electronic devices, and outputting, from the data processing apparatus, the representative characterizations of the power consumption by different applications that have executed on the different classes. Each of the battery-operated electronic devices belongs to a class.

No. of Pages : 60 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1536/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : FLUID WORKING MACHINE WITH MULTI LOBE RING CAM

(51) International classification :F03C1/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/GB2010/051359
Filing Date :17/08/2010
(87) International Publication No :WO/2012/022924
(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)RAMPEN, WILLIAM HUGH SALVIN
4)ROBERTSON, ALASDAIR IAN FLETCHER
5)STEIN, UWE BERNHARD PASCAL
6)FOX, ROBERT GEORGE

(57) Abstract :

Fluid-working machine with multi-lobe ring cam A fluid-working machine for a renewable energy generation device, the fluid-working machine comprising a ring cam and a plurality of working chambers, the ring cam having an annular working surface extending around an axis of rotation of the ring cam, the annular working surface defining a plurality of waves, each working chamber having a piston, each piston in operative engagement with the ring cam working surface, the ring cam and working chambers being mounted to rotate relative to each other, cycles of working chamber volume being thereby coupled to rotation of the ring cam relative to the working chambers, characterised in that the individual waves of the ring cam working surface have an asymmetric profile.

No. of Pages : 33 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1564/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : FRICTION BOLT

(51) International classification	:F16D
(31) Priority Document No	:A 1501/2009
(32) Priority Date	:24/09/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2010/000240
Filing Date	:01/07/2010
(87) International Publication No	:WO 2011/035353 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)HOSP, MICHAEL

(57) Abstract :

A tube (1) of a friction bolt has an outer part (3) and an inward-folded inner part (5) and a gap (7) that extends in the longitudinal direction of the tube (1), where the outer part (3) turns into the inner part (5) of the tube (1). The lateral wall areas (9) of the inner part (5) are designed flat and have a shape in which the free space between the outer part (3) and the inner part (5) is essentially lens-shaped as in known tubes. Moreover, the bottom (15) of the inner part (5) rests on the outer part (3) of the tube (1), and the weld (13) is arranged laterally offset relative to the plane of symmetry (11) as the area where the bottom (15) rests on the outer part (3) of the tube (1). Finally, the radii of curvature (R3) in the area of the transitions (4) from the outer part (3) of the tube (1) into the inner part (5) of the tube (1) are designed larger than in the known tubes of this type.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1462/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : OPTICAL RECEIVER FOR RECEIVING LIGHT AND OPTOELECTRONIC MEASUREMENT ARRANGEMENT

(51) International classification	:H04B10/00
(31) Priority Document No	:09 168 185.8
(32) Priority Date	:19/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/004145
Filing Date	:07/07/2010
(87) International Publication No	:WO 2011/020525
	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)HILL, UWE

(57) Abstract :

The present invention relates to an optical receiver (1) for receiving alternating-light data signals and for storing electrical energy obtained from extraneous light, having a photodiode (2) for receiving light, which comprises extraneous light and an alternating-light data signal component with a higher frequency in comparison to the extraneous light, and for converting the light into a photocurrent (IP) which comprises a data signal current (IN) and an extraneous light current (IF) said receiver additionally comprises a coupling unit (3) for coupling in and separating the data signal current generated by the optical alternating-light data signal component from the extraneous light current generated by the extraneous light, an amplifying unit (4) for amplifying the data signal current and an energy storage unit (5) which is charged by the extraneous light current (IF) and which includes a circuit for increasing voltage, wherein the energy charged in the energy storage unit (5) is used for at least partially supplying the energy for the optical receiver (1) and/or for at least partially supplying the energy for a measurement arrangement (16) comprising the optical receiver (1).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1465/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : APPARATUS AND METHODS FOR TRANSMITTING AND RECEIVING MAC PDU USING MAC HEADERS

(51) International classification	:H04W28/06
(31) Priority Document No	:61/239,077
(32) Priority Date	:02/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/005944
Filing Date	:02/09/2010
(87) International Publication No	:WO 2011/028027 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)YUK, YOUNG SOO
3)KIM, YONG HO
4)RYU, KI SEON

(57) Abstract :

An apparatus and methods for transmitting and receiving MAC PDU (medium access control protocol data unit) using a MAC Header are disclosed. The method includes steps of establishing, by a transmitting end with a receiving end, a connection associated with a service flow, constructing, by the transmitting end, the MAC PDU comprising a MAC header which is configured according to the connection, and transmitting the MAC PDU to the receiving end, wherein the MAC header is general MAC header (GMH) if the connection is associated with a general data packet transmission, and wherein the MAC header is short-packet MAC header (SPMH) if the connection is associated with a small data packet transmission and non-ARQ transmission.

No. of Pages : 51 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1474/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : CONTEXTUALLY AWARE MONITORING OF ASSETS

(51) International classification :G06Q10/00
(31) Priority Document No :61/234,600
(32) Priority Date :17/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045776
Filing Date :17/08/2010
(87) International Publication No :WO 2011/022412 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)NICHOLAS D. COVA

(57) Abstract :

An apparatus, method and system for contextually aware monitoring of a supply chain are disclosed. In some implementations, contextually aware monitoring can include monitoring of the supply chain tradelane with tracking devices including sensors for determining location, velocity, heading, vibration, acceleration (e.g., 3D acceleration), or any other sensor that can monitor the environment of the shipping container to provide contextual awareness. The contextual awareness can be enabled by geofencing and recursive algorithms, which allow dynamic modification of the tracking device behavior. Dynamic modification can reduce performance to save power (e.g., save battery usage) and lower costs. Dynamic modification can increase performance where it matters in the supply chain for improved reporting accuracy or frequency or recognition of supply chain events. Dynamic modification can adapt performance such as wireless communications to the region or location of the tracking device.

No. of Pages : 50 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1560/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : MULTILAYER FILM

(51) International classification	:B32B27/06
(31) Priority Document No	:2009903455
(32) Priority Date	:23/07/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000923
Filing Date	:20/07/2010
(87) International Publication No	:WO 2011/009165 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)SCHEIRS JOHN
3)LEUFGENS MARKUS

(57) Abstract :

The invention relates to a multilayer film comprising at least a tri-layer structure, said tri-layer structure being made up of a core polymer layer interposed between two covering polymer layers that each comprise polyethylene, wherein the core polymer layer comprises a melt blend of polyethylene, thermoplastic starch, and ethylene acrylic acid copolymer.

No. of Pages : 29 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1565/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : A MACHINE FOR BLASTING ABRASIVES

(51) International classification	:B24C9/00
(31) Priority Document No	:2009-269551
(32) Priority Date	:27/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/006833
Filing Date	:22/11/2010
(87) International Publication No	:WO/2011/064983
(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)NAKATA, TAKEYOSHI

(57) Abstract :

The object of the present invention is to provide a machine for blasting abrasives that has a simple structure and that solves the problem of abrasives falling when the door for the gateway for the work is opened or closed. The machine for blasting abrasives comprises a chamber 11 for processing, a nozzle 13 that is provided within the chamber 11 for shooting the abrasives (shots) S onto the work W, and a jig 15 for holding the work W at a position facing the nozzle 13. A gateway 17 with a door 19 is formed in the ceiling 11a of the chamber 11. The size of the gateway 17 enables the work W to protrude from the chamber 11 by means of the jig 15 at a position corresponding to the jig 15 that is linearly moving up and down. The door 19 is provided within the chamber 11 so as to seal the gateway by linearly moving up and down and so as to create a vacant plane on the gateway for passing the work by horizontally moving.

No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1610/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

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

(51) International classification :H04W72/14
(31) Priority Document No :2009-188796
(32) Priority Date :17/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/063763
Filing Date :13/08/2010
(87) International Publication No :WO 2010/021584
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)ABETA, SADAYUKI

(57) Abstract :

A mobile communication system according to the present invention includes: a step A in which a radio base station eNB notifies a mobile station UE of a predetermined range; a step B in which the mobile station UE receives an uplink scheduling grant (uplink scheduling) including CB-RNTI (predetermined identification information that is not identification information of a designated mobile station), within the notified predetermined range; and a step C in which the mobile station UE transmits an uplink data signal, by using a shared uplink resource designated by the uplink scheduling grant, to the radio base station eNB.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1622/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CALCULATING PACKET ARRIVAL TIME INTERVAL

(51) International classification :H04W24/00
(31) Priority Document No :200910164032.4
(32) Priority Date :04/08/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/074097
Filing Date :22/09/2009
(87) International Publication No :WO 2011/014998 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
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(57) Abstract :

A method and an apparatus for calculating packet arrival time interval are provided by the present invention. In the above-mentioned method, when the current packet arrives, system current time T2 is read from a timer, and the arrival time T1, recorded in an external RAM, of previous packet of the flow to which the current packet belongs is read (301), wherein the timer implements a cycle timing with a period of preset time period Tmax, the preset time period Tmax is larger than or equal to the time for filling the maximum depth of the token bucket of the flow at the minimum token injection rate; a current flag bit, recorded in an internal RAM, of the flow to which the current packet belongs is read (303), wherein the current flag bit is used for indicating the number of cycles of the timer between the system current time T2 and the arrival time Ti of previous packet; and the arrival time interval of the present packet is calculated according to the system current time T2, the arrival time T1 of previous packet and the current flag bit (305). Application of the present invention can reduce the consumption of the internal RAM and improve the operability for realizing by the hardware chips.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1765/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING UPLINK POWER IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W52/36
(31) Priority Document No	:61/254,210
(32) Priority Date	:23/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/004637
Filing Date	:16/07/2010
(87) International Publication No	:WO 2011/049286 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)LEE, WOOK BONG
3)CHO, HAN GYU
4)KWAK, JIN SAM
5)IHM, BIN CHUL

(57) Abstract :

A method and apparatus for controlling uplink power in a wireless communication system are disclosed. The uplink power controlling method includes receiving target Signal-to-interference plus Noise Ratio (SINR) parameters and an uplink noise and interference level from a base station, determining an uplink power based on a target SINR and an estimated average power level of noise and interference of a user equipment, the target SINR being determined using the target SINR parameters and the estimated average power level of noise and interference of the user equipment being calculated using the uplink noise and interference level, and receiving at least one of selectively transmitted first and second offsets from the base station and adjusting the uplink power based on the received at least one of the first and second offsets.

No. of Pages : 42 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1561/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : IMPROVEMENTS RELATING TO SENSOR DEVICES

(51) International classification	:C12Q1/00
(31) Priority Document No	:GB0916067.2
(32) Priority Date	:12/09/2000
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001420
Filing Date	:26/07/2010
(87) International Publication No	: WO/2011/012848
(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)HALL, GEOFFREY FRANK

(57) Abstract :

The present invention relates to a sensor device for measuring a level of an analyte of interest in a fluid, such as body fluid (for example blood, plasma, urine, interstitial fluid, saliva), a method of manufacturing a sensor device, a reagent film for use in a sensor, a method of manufacturing a reagent film for use in a sensor, a method of conducting an assay using a sensor, a method of calibrating a measurement from a sensor, a method of calibrating a batch of sensors, a meter for use with a sensor and a kit comprising a meter and a sensor according to the invention. A first aspect of the invention provides a sensor device for measuring a level of an analyte of interest in a fluid comprising: a flowpath for the fluid; on the flowpath, a reagent for the analyte of interest adjacent to an internal standard comprising a first predetermined amount of a first calibration analyte; and further wherein the reagent and the predetermined amount of a first calibration analyte are in dry form. A second aspect of the invention provides a device comprising: a first calibration electrode having the first predetermined amount of first calibration analyte and reagent for the analyte of interest located thereon; a first working electrode having reagent for the analyte of interest thereon, and further wherein the first calibration electrode lies upstream of the first working electrode.

No. of Pages : 108 No. of Claims : 122

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1567/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : REPRESENTATION OF THE PHYSICAL DEGRADATION IN AN OPTICAL COMMUNICATION NETWORK

(51) International classification	:H04Q11/00
(31) Priority Document No	:0955752
(32) Priority Date	:24/08/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051701
Filing Date	:12/08/2010
(87) International Publication No	:WO 2011/023882
	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)FLORENCE LEPLINGARD

(57) Abstract :

To produce a representation of the physical degradation in an optical communication network comprising transparent switching nodes (1, 2,3,4) mutually connected by optical links (11, 12, 21, 22,31,32, 41, 42), the method involves: Associating a pair of contra-directional optical links as a bi-directional link (10,20,30,40), Providing at least one respective physical degradation parameter for each of said contra-directional optical links of said pair, Determining at least one physical degradation parameter characteristic of said bi-directional link from said physical degradation parameters of the contra-directional optical links of said pair. Storing a descriptor of the bi-directional link comprising said at least one physical degradation parameter characteristic of said bi-directional link.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1568/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : MIDCALL FALLBACK FOR VOICE OVER INTERNET PROTOCOL (VOIP) CALLS

(51) International classification :H04M7/00
(31) Priority Document No :12/545,617
(32) Priority Date :21/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044487
Filing Date :05/08/2010
(87) International Publication No :WO 2011/022214 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)ROSENBERG, JONATHAN
2)BAO, HO

(57) Abstract :

A method for performing midcall fallback is provided. The method includes assigning a direct inward dialing (DID) number to a first client. THE DID number may be selected from a list of direct inward dialing numbers. The method may further include establishing a VoIP phone call between the first client and a second client and sending a DID number representing the first client and receiving a dial sequence identifying a call agent serving the second client. The dial sequence may define a phone number to be dialed to reach the call agent. The method may also include determining that mid-call fall back should be performed, and performing midcall fall back, midcall fall back including establishing a public switched telephone network (PSTN) phone call between the first client and the second client

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : POLYMER PARTICLES AND USES THEREOF

(51) International classification :A61K38/43
(31) Priority Document No :61/229,318
(32) Priority Date :29/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/053465
Filing Date :29/07/2010
(87) International Publication No :WO 2011/013097
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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(57) Abstract :

The present invention relates to polymer particles and uses thereof. In particular the present invention relates to functionalised polymer particles, processes of production and uses thereof in eliciting a cell-mediated immune response and in the treatment or prevention of diseases or conditions including those caused by intracellular pathogens.

No. of Pages : 376 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1914/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : END SHIELD FOR AN ELECTRICAL MACHINE

(51) International classification :H02K 5/15

(31) Priority Document No :20095895

(32) Priority Date :01/09/2009

(33) Name of priority country :Finland

(86) International Application No :PCT/FI2010/050681

Filing Date :01/09/2010

(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)HOLOPAINEN Timo

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(57) Abstract :

In an arrangement in an electrical machine the electrical machine (2) comprises a rotor (6) rotating around its shaft (9) a stator (24) located from the rotor (6) at an air gap and a frame (3) around the outer surface of the stator (24). A stator opening (5) is formed in the end (4) of the frame (3) and the stator opening (5) is closeable with a cast end shield (1). The end shield (1) comprises at least three brackets (13) protruding from the outer edge (12) of the end shield (1). The brackets are fittable onto the end junctions (25) where axially continuing structures (1921 26) are connected to the end (4) at the junctions (25).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1915/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : A METHOD OF FORMING AN ELECTRICAL CONDUCTIVE HOLLOW FIBRE SEPARATION MODULE

(51) International classification	:B01D 63/02
(31) Priority Document No	:0913645.8
(32) Priority Date	:05/08/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/051273
Filing Date	:02/08/2010
(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)PEARSON John
2)GREEN Caytlin

(57) Abstract :

A method of forming a fluid separation filter for use in a fluid separation device is disclosed. The method includes aligning a series of fluid separation of drying fibres (102) and fixing them together using a self-adhesive and electrically conductive tape (116) or by weaving copper threads between them. The connected fibres then form a mat and a strip of potting sealant (112) is added if required along the top and bottom of the fibres. The mat is then rolled to form a bundle of fibres.

No. of Pages : 29 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1916/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : REFRIGERATOR

(51) International classification	:F25D 29/00
(31) Priority Document No	:2009-226950
(32) Priority Date	:30/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005879
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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2)OOTSUKA Satoshi
3)KAKITA Kenichi

(57) Abstract :

A refrigerator (1) includes in a front face of a right door (2f) covering a storage compartment a sensor panel (7) to which an illuminance detection unit (8) that detects illuminance in a surrounding area is attached. The sensor panel (7) is provided to protrude forward from a surface of the right door (2f).

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1918/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : LIGHTING DEVICE HAVING FIRST SECOND AND THIRD GROUPS OF SOLID STATE EMITTERS AND LIGHTING ARRANGEMENT

(51) International classification	:H01L 25/075
(31) Priority Document No	:12/535,319
(32) Priority Date	:04/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038781
Filing Date	:16/06/2010
(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)VAN DE VEN Antony Paul

(57) Abstract :

A lighting device comprising first, second and third groups of solid state light emitters, the first group emitting light having a dominant wavelength of 430 to 490 nm, the second group at 525 to 575 (in some devices 540 to 575 nm), the third group at 610 to 640 nm. In some devices, wavelength of light from emitters in first and second groups, and light from second and third groups, differs by at least 70 nm. Some devices emit light having CRI Ra of at least 70 when first, second and third groups of emitters are illuminated. Also, a lighting arrangement comprising first, second and third groups as above, in addition to a fourth emitter emitting light of dominant wavelength outside the ranges for the first, second and third groups, and not more than 10 nm different from a dominant wavelength of a color on an item to be illuminated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1919/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : INFORMATION DISTRIBUTION SERVICE SYSTEM USING MOBILE TERMINAL DEVICE

(51) International classification :G06F 13/00
(31) Priority Document No :2009-207608
(32) Priority Date :09/09/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/064347
Filing Date :25/08/2010
(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)UCHIDA Kaoru

(57) Abstract :

An information distribution service system includes a mobile terminal device with a communication part and another terminal device connected to the mobile terminal device via the communication part. The mobile terminal device includes a server function part that provides information to another terminal device; an email control part that sends information regarding an access method for accessing the information with another terminal device to another terminal device via an email; and a server access control part that operates the server function part so as to start processing for providing the information when another terminal device makes an access according to the access method.

No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1771/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : ASSET STORAGE AND TRANSFER SYSTEM FOR ELCTRONIC PURSES

(51) International classification :G06Q20/00
(31) Priority Document No :61/242,203
(32) Priority Date :17/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/000435
Filing Date :30/03/2010
(87) International Publication No :WO 2011/032257 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 :

An electronic asset exchange system includes a communications medium and at least two electronic purses. Each electronic purse includes an interface configured to send and receive messages, a memory storing a current asset value amount, a respective unique identifier, and a log of asset transfers; and a controller. The controller receives an asset transfer, message including at least an asset value amount to be transferred, and executes a Transfer-in process to increase the current asset value amount by the asset value amount to be transferred and record information of the asset transfer in the log. The controller receives, via the interface, an asset transfer request message including at least an asset value amount to be transferred, and executes a Transfer-out process to generate and send an asset transfer message including the asset value amount to be transferred, decreasing the current asset value amount by the asset value amount to be transferred; and recording information of the asset transfer in the log.

No. of Pages : 37 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1814/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/06/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : ZERO ELECTRICAL ENERGY BIODIESEL REACTOR

(51) International classification

:C10L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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3)R.P.REDDY

(57) Abstract :

A manually operated, portable and paddle operated biodiesel reactor is useful for producing biodiesel, in place of a motorized biodiesel reactor is disclosed in this invention. This device is a paddle operated (instead of an electric motor) and needs less investment and the operating cost is negligible. A chain drive and gear drive used in this invention increases the speed of rotation of the stirrer. The heat supplied by the combustion of biomass or combustible waste available in the agricultural field, may be used to heat the reactants. By using this device, biodiesel can be produced from the reactants which are required for biodiesel production, without any electrical energy. A refined and filtered vegetable oil which has negligible water content can be converted into biodiesel by base or acid catalyst transesterification reaction with a biodiesel yield between 75 to 90 %. The biodiesel can be derived from edible and non-edible oils such as sunflower, jatropha, honge, mahua etc. This device is user friendly and does not need any special training for operation and installation. This device does not have any sophisticated parts and hence the cost of replacement of parts, servicing and maintenance of the reactor is negligible as compared to the automated biodiesel reactor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1935/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : AUTHENTICATION HOLOGRAM&NBSP; AND ITS FABRICATION PROCESS

(51) International classification :G03H 1/26
(31) Priority Document No :2009-201603
(32) Priority Date :01/09/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/005233
Filing Date :25/08/2010
(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)YAMAUCHI Tsuyoshi

(57) Abstract :

The invention provides an authentication hologram using a Lippmann hologram that enables a 3D object image having a vertical and horizontal field of vision as well as planar added information viewable at a specific angle alone are viewable as shown in Fig- 5. In that authentication hologram a hologram for reconstructing a 3D object image and a hologram mirror pattern that is formed at a pattern portion corresponding to added information and comprising planar interference fringes placed one upon another and parallel at a constant spacing are recorded in a superposing fashion.

No. of Pages : 52 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1936/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : ENHANCED PROTEIN PURIFICATION THROUGH A MODIFIED PROTEIN A ELUTION

(51) International classification :C12P 21/00

(31) Priority Document No :61/238,867

(32) Priority Date :01/09/2009

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

(86) International Application No :PCT/US2010/047448

Filing Date :01/09/2010

(87) International Publication No : NA

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

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2)DOWD Christopher J.

3)RADHAMOHAN Asha Nandini

(57) Abstract :

The present invention provides methods for purifying a polypeptide comprising a CH2/CH3 region comprising binding the polypeptide to Protein A and eluting with a pH gradient starting at a low pH.

No. of Pages : 85 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1927/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : ROUTE SWITCHING DEVICE AND DATA CASHING METHOD THEREOF

(51) International classification :H04L 12/56
(31) Priority Document No :200910167277.2
(32) Priority Date :02/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073145
Filing Date :24/05/2010
(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

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2)ZHOU Chang

(57) Abstract :

The present invention discloses a routing and switching device and a data caching method thereof. The method includes: a routing and switching device, when receiving a data packet, and if the routing and switching device inquires that a data caching state of an exterior cache is that there are data slice row addresses not fully filled and continuous space in the data slice row addresses not fully filled is enough to store all the data slices of the data packet, then writing all the data slices of the data packet into the data slice row addresses not fully filled, storing packet information of the data packet and the written data slice row addresses, and updating the data caching state of the exterior cache. The present invention can be directly applied in hardware devices and be easy to be transplanted in the hardware devices, and the design of the hardware structure takes the data packet caching management into consideration directly, which enhances the utilization rate of the memory bandwidth. In addition, the present invention is also easy to be applied in other relevant data caching managements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1931/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : CERAMIC CARBON COMPOSITE MATERIAL METHOD FOR PRODUCING CERAMIC CARBON COMPOSITE MATERIAL CERAMIC-COATED CERAMIC CARBON COMPOSITE MATERIAL AND METHOD FOR PRODUCING CERAMIC-COATED CERAMIC CARBON COMPOSITE MATERIAL

(51) International classification	:C04B 35/52
(31) Priority Document No	:2009-205042
(32) Priority Date	:04/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/064872
Filing Date	:01/09/2010
(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)NAKAMURA Masaharu
4)MATSUMOTO Taihei
5)TOJO Tetsuro

(57) Abstract :

Achieved is a ceramic carbon composite material and a ceramiccoated ceramic carbon composite material which are lighter than ceramics and excellent in at least one of properties including oxidation resistance resistance to dust generation heat conductivity electrical conductivity strength and denseness. The ceramic carbon composite material is a ceramic carbon composite material in which an interfacial layer of a ceramic is formed between carbon particles of or containing graphite. The ceramic carbon composite material can be produced by forming a green body from ceramiccoated powder in which the surfaces of carbon particles of or containing graphite are coated with individual ceramic layers and sintering the green body.

No. of Pages : 34 No. of Claims : 12

(54) Title of the invention : PROCESS FOR PRODUCTION OF SILICON-CARBIDE-COATED CARBON BASE MATERIAL
SILICON-CARBIDE-COATED CARBON BASE MATERIAL SINTERED (SILICON CARBIDE)-CARBON COMPLEX
CERAMIC-COATED SINTERED (SILICON CARBIDE)-CARBON COMPLEX AND PROCESS FOR PRODUCTION OF
SINTERED (SILICON CARBIDE)-CARBOND COMPLEX

(51) International classification	:C04B 35/52	(71)Name of Applicant :
(31) Priority Document No	:2009-205041	1)TOYO TANSO CO. LTD
(32) Priority Date	:04/09/2009	Address of Applicant :5-7-12 Takeshima Nishiyodogawa-ku
(33) Name of priority country	:Japan	Osaka-city Osaka-555-0011 Japan
(86) International Application No	:PCT/JP2010/064871	(72)Name of Inventor :
Filing Date	:01/09/2010	1)NAKAMURA Masaharu
(87) International Publication No	: NA	2)MIYAMOTO Yoshinari
(61) Patent of Addition to Application	:NA	3)TOJO Tetsuro
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Produced is a silicon carbidecoated carbon base material in which a silicon carbide coating is densely and uniformly formed on the surface of a carbon base material such as graphite. A production process includes the steps of: preparing a carbon base material the surface of which has basal plane sites of an sp² carbon structure with no dangling bond and edge plane sites of an S₂ carbon structure with a dangling bond; and reacting the surface of the carbon base material with SiO gas in an atmosphere at a temperature of 1400°C to 1600°C and a pressure of 1 to 150 Pa to form silicon carbide whereby the carbon base material coated with silicon carbide is produced.

No. of Pages : 42 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1933/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : DISPLAY DEVICE

(51) International classification	:G06F3/041
(31) Priority Document No	:2009-226566
(32) Priority Date	:30/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059685
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 :**
1)SHARP KABUSHIKI KAISHA
Address of Applicant :22-22 Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan
(72)**Name of Inventor :**
1)YAMAMOTO Kaoru
2)SUGITA Yasuhiro

(57) Abstract :

A plurality of sensor pixel circuits 10 each including one photodiode D1 one accumulation node accumulating charge corresponding to an amount of light a read transistor M1 having a control terminal connected to the accumulation node and transistors T1 to T4 turning on or off in accordance with a clock signal CLK and switching a path for a current flowing through the photodiode D1 are arranged in a pixel region 4. In accordance with the clock signal CLK when a backlight is turned on a current flows out of the accumulation node and a potential at the accumulation node drops. When the backlight is turned off a current flows into the accumulation node and the potential at the accumulation node rises.

No. of Pages : 65 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1934/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : INSULATED BURNER SYSTEM FOR GAS-FUELED LIGHTERS

(51) International classification :F23Q2/173
(31) Priority Document No :12/537,136
(32) Priority Date :06/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044530
Filing Date :05/08/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Zippo Manufacturing Company
Address of Applicant :33 Barbour Street Bradford
Pennsylvania-16701 U.S.A.
(72)**Name of Inventor :**
1)MCDONOUGH James M.
2)BARBER Brian J

(57) Abstract :

A burner assembly for gas-fueled lighters includes a metallic burn chamber rigidly connected to a fuel metering valve. The burner and the valve are rigidly connected through an insulated coupling component. This provides a more reliable structure and reduces heat transfer from the burner to the fuel source reducing vapor lock conditions.

No. of Pages : 14 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1938/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : AN AZACYCLOHEXAPEPTIDE&NBSP; PHARMAC□UTICALLY ACCEPTABLE SALTS&NBSP; PREPARATION METHODS AND USES THEREOF□

(51) International classification :C07K 7/56

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/073112

□ Filing Date :06/08/2009

(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

(71)Name of Applicant :

1)SHANGHAI TECHWELL BIOPHARMACEUTICAL CO. LTD

Address of Applicant :No. 4258 Jindu Road Shanghai P.R. 201108 China

(72)Name of Inventor :

1)XU Tianhui

2)FANG Tao

3)ZHUO Zhonghao

4)ZHENG Yunman

5)JI Xiaoming

(57) Abstract :

The present invention disclosed a novel azacyclohexapeptide or its pharmaceutically acceptable salts the preparation method and the uses thereof. The structure of the azacyclohexapeptide is represented by the following formula 4:

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : NITROGE□- CONTAINING SURFACTANTS FOR AGRICULTURAL USE□

(51) International classification :A01N 25/30
(31) Priority Document No :61/239,086
(32) Priority Date :02/09/2009
(33) Nam□ of priority country :U.S.A□
(86) International Application No :PCT/EP2010/062601
Filing Date :30/08/2010
(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 CHEMICALS INTERNATIONAL B.V.
Address of Applicant :Stationsstraat 77 NL-3811 MH
Amersfoort The Netherlands
(72)**Name of Inventor :**
1)ZHU Shawn
2)JURS Joshua
3)BAND Elliot Isaac
4)WALTERS Michael

(57) Abstract :

The present invention comprises formulations for agricultural use comprising a surfactant and pesticide. The surfactants comprise nitrogen containing surfactants with N+ CH₂COO- N+CH₂COOCH₃ NCH₂COO-M+ NCH₂CH₂COO-M+ and/or amine oxide functionalities which enhance the pesticide activity. The pesticides include herbicides fungicides and insecticides.

No. of Pages : 45 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1940/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : WNT10-DERIVED PEPTIDE AND USE THEREOF

(51) International classification :C07K14/4
(31) Priority Document No :10-2009-0081817
(32) Priority Date :01/09/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2009/006933
Filing Date :24/11/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CAREGEN CO. LTD.
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(72)Name of Inventor :
1)CHUNG Young Ji
2)KIM Eun Mi
3)SONG Sang Su
4)CHO Kyoung Mi

(57) Abstract :

The present invention relates to a WNT10-derived peptide a composition for improving hair loss and skin conditions using the same and a composition for treating a WNT10 signal transduction pathway-related disorder and DKK-1 protein-induced disorder using the same. WNT10-derived peptide of the present invention possesses identical or similar activities to natural-occurring WNT10 and has much higher stability and skin penetration potency than natural-occurring WNT10. Therefore the composition containing the present peptide not only shows excellent effects on improvement in hair loss (for example promotion of hair growth or production of hair) but also has superior efficacies on treatment of a WNT10 signal transduction pathway-related disorder and a DKK-1 protein-induced disorder. In addition the outstanding activity and stability of the present peptide described above may be greatly advantageous in application to pharmaceutical compositions quasi-drugs and cosmetics.

No. of Pages : 54 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1962/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : A METHOD OF HEATING A PREFORM

(51) International classification	:B29C49/64
(31) Priority Document No	:09170331.4
(32) Priority Date	:15/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/054037
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

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
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(72)**Name of Inventor :**
1)POLLMANNRETSCH Jens
2)STROESSER Martin
3)PEKARSKI Pavel

(57) Abstract :

The invention describes a method of heating a preform (1) characterized by a radius (R) a material thickness (t) and a material absorption spectrum which method comprises the steps of selecting depending on a desired temperature profile (Td) a desired effective absorption coefficient (aeff) for the preform (1) on the basis of the preform radius (R) and material thickness (t); generating a laser radiation beam (L) comprising radiation with a wavelength spectrum compiled on the basis of absorption coefficients () of the absorption spectrum to satisfy the effective absorption coefficient (aeff); and directing the laser radiation beam (L) at the preform (1) to heat the preform (1).The invention further describes a driving arrangement (7) for controlling a laser radiation generating unit (9) of a preform heating system (10) and a preform heating system (10).

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1928/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : EXTERIOR ELEMENT FOR A WRISTWATCH

(51) International classification	:G04C 17/02
(31) Priority Document No	:09169173.3
(32) Priority Date	:01/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/061209
Filing Date	:02/08/2010
(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)ETA SA Manufacture Horlog`re Suisse

Address of Applicant :Schild-Rust-Strasse 17 CH-2540
Grenchen Switzerland

(72)Name of Inventor :

1)FLEURY Emmanuel

2)BISIG Martin

(57) Abstract :

External element for a wristwatch characterized in that at least one electronic device and one power source for powering the electronic device with electric energy are integrated in the exterior element so as to form an autonomous electronic module which is completely independent of the wristwatch movement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1929/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : SANITARY WASHING APPARATUS

(51) International classification	:E03D 9/08
(31) Priority Document No	:2009-183610
(32) Priority Date	:06/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062848
Filing Date	:29/07/2010
(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)TOTO LTD.

Address of Applicant :1-1 Nakashima 2-Chome Kokurakita-Ku Kitakyushu-Shi Fukuoka Japan

(72)Name of Inventor :

1)MOROTOMI Yo

2)UMEMOTO Ayumu

3)MATSUSHITA Koichiro

(57) Abstract :

A sanitary washing apparatus includes a nozzle having a water discharge port the nozzle being configured to wash a human private part by squirting water from the water discharge port a flow channel configured to supply the water to the nozzle a sterilizing water supply unit provided partway through the flow channel the sterilizing water supply unit being capable of supplying sterilizing water and a control unit configured to execute a physical washing process of washing the nozzle using water and a sterilizing process of sterilizing the nozzle using the sterilizing water after the washing the human private part. The washing nozzle can be sterilized more efficiently or a users sense of cleanliness regarding the washing nozzle can be improved.

No. of Pages : 44 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1930/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : PREPARATION OF DIESEL OXIDATION CATALYST VIA DEPOSITION OF COLLOIDAL NANOPARTICLES

(51) International classification	:B01J 23/38
(31) Priority Document No	:61/231,427
(32) Priority Date	:05/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043463
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)BASF CORPORATION
Address of Applicant :100 Campus Drive Florham Park NJ
07932 U.S.A.
(72)**Name of Inventor :**
1)SIANI Attilio
2)MULLER-STACH Torsten
3)NEUBAUER Torsten
4)WEI Xinyi

(57) Abstract :

The present invention relates to a process for preparing a catalyst at least comprising the steps of adding a protecting agent to an aqueous solution of a metal precursor to give a mixture (M1) adding a reducing agent to mixture (M1) to give a mixture (M2) adding a support material to mixture (M2) to give a mixture (M3) adjusting the pH of mixture (M3) and separating the solid and liquid phase of mixture (M3). Furthermore the present invention relates to the catalyst as such and its use as diesel oxidation catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3529/CHE/2011 A

(43) Publication Date : 19/04/2013

(54) Title of the invention : AN IMPROVED INTERNAL COMBUSTION ENGINE

(51) International classification	:F02D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BAJAJ AUTO LIMITED
(32) Priority Date	:NA	Address of Applicant :2ND & 3RD FLOOR, KHIVRAJ
(33) Name of priority country	:NA	BUILDING, NO.616, ANASALAI, CHENNAI - 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JOSEPH ABRAHAM
(61) Patent of Addition to Application Number	:NA	2)GANESAN SIVAKUMAR
Filing Date	:NA	3)RAMTILAK ANANTHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An internal combustion engine comprises a cylinder head (14) for a cylinder having a combustion chamber (110) and a cylinder bore with a centre longitudinal axis (14b). The engine has at least one inlet valve (23) and at least one exhaust valve (24), these valves (23, 24) being camshaft/s actuated; and three ignition means (40, 41,42) comprising a primary ignition means (40) and two secondary ignition means (41,42) located in a shallow and compact combustion chamber (110) for optimising ignition and combustion. The primary ignition means (40) extends through an insertion bore (50) through a wall of the cylinder head (14) into the combustion chamber (110) to open in a central position relative to the combustion chamber (110). The secondary ignition means (41,42) extend through respective insertion bores (48,49) to open at respective peripheral positions of the combustion chamber (110). The primary ignition means (40) has different dimensions, such as thread length and diameter , than the secondary ignition means (41,42).

No. of Pages : 39 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3686/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :24/06/2009

(43) Publication Date : 19/04/2013

(54) Title of the invention : USE OF AN INDAZOLEMETHOXYALKANOIC ACID FOR REDUCING TRIGLYCERIDE, CHOLESTEROL AND GLUCOSE LEVELS

(51) International classification	:A61K31/416, A61P3/04, A61P3/06	(71)Name of Applicant : 1)AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO S.C.R.A.F. S.P.A.
(31) Priority Document No	:MI2006A002254	Address of Applicant :VIALE AMELIA, 70, I-00181 ROMA,
(32) Priority Date	:24/11/2006	Italy
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No	:PCT/EP07/09908	1)GUGLIELMOTTI, ANGELO
Filing Date	:13/11/2007	2)BIONDI, GIUSEPPE
(87) International Publication No	:WO 2008/061671 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Use of a compound of formula (I) in which R, R and R have the meanings given in the description, optionally in the form of a salt thereof with a pharmaceutically acceptable organic or mineral base, to prepare a pharmaceutical composition for reducing the blood triglyceride, cholesterol and glucose levels.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1937/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : SOLID STATE LIGHTING DEVICE WITH IMPROVED HEATSINK

(51) International classification :F21V 29/00

(31) Priority Document No :12/535,353

(32) Priority Date :04/08/2009

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

(86) International Application No :PCT/US2010/040479

Filing Date :29/06/2010

(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)CREE INC.

Address of Applicant :4600 Silicon Drive Durham NC

U.S.A.

(72)Name of Inventor :

1)PICKARD Paul Kenneth

2)MEDENDORP Nicholas W.

(57) Abstract :

A solid state lighting device includes a device-scale stamped heatsink -with a base portion and multiple segments or sidewalls projecting outward from the base portion, and dissipates all steady state thermal load of a solid state emitter to an ambient air environment. The heatsink is in thermal communication with one or more solid state emitters, and may define a cup-like cavity containing a reflector. At least a portion of each one sidewall portion or segment extends in a direction non-parallel to the base portion. A dielectric layer and at least one electrical trace may be deposited over a metallic sheet to form a composite sheet, and the composite sheet may be processed by stamping and/or progressive die shaping to form a heatsink with integral circuitry. At least some segments of a heatsink may be arranged to structurally support a lens and/or reflector associated with a solid state lighting device.

No. of Pages : 37 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.443/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : PROCESS FOR TREATING COAL BY REMOVING VOLATILE COMPONENTS□

(51) International classification :C10B 57/10

(31) Priority Document No :61/225,406

(32) Priority Date :14/07/2009

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

(86) International Application No :PCT/US2010/041918

Filing Date :14/07/2010

(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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40513 United States of America

(72)Name of Inventor :

1)RINKER Franklin G.

(57) Abstract :

A process for treating coal includes introducing coal into a chamber and passing an oxygen deficient sweep gas into contact with the coal the sweep gas being at a higher temperature than the temperature of the coal so that heat is supplied to the coal. The process further includes providing additional heat to the coal indirectly by heating the chamber wherein the heating of the coal by the sweep gas and by the indirect heating from the chamber causes condensable volatile components to be released into the sweep gas. The proportion of heat supplied to the coal by the sweep gas is less than 40% of the total heat supplied to the coal. The sweep gas is then removed from the chamber and treated to remove condensable components of the coal.

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.454/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 19/04/2013

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

(51) International classification	:H04W28/18
(31) Priority Document No	:2009-145491
(32) Priority Date	:18/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058840
Filing Date	:25/05/2010
(87) International Publication No	:WO 2010/146975
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHARP KABUSHIKI KAISHA

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OSAKA-SHI, OSAKA 545-8522 Japan

(72)Name of Inventor :

1)SHIMEZAWA, KAZUYUKI

2)NOGAMI, TOSHIZO

(57) Abstract :

In a communication system in which cooperative communication is performed, adaptive control is performed efficiently relating mainly to precoding processing. There are included, in an anchor base station 12 01, steps of: generating a first channel state measurement reference signal, determining precoding processing for a data signal to be transmitted to a mobile terminal 1203 based on feedback information, and adaptively performing precoding processing on a data signal based on the determined precoding processing, in a cooperative base station 1202, steps of: generating a second channel state measurement reference signal and performing precoding processing specified in advance on a data signal to be transmitted to the mobile terminal 1203, and, in the mobile terminal 1203, a step of generating feedback information based on the measured first channel state and second channel state.

No. of Pages : 119 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.461/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : SOLUBLE ALTERNATING DONOR-ACCEPTOR CONJUGATED POLYMER ELECTROCHROMES

(51) International classification :C09K 9/02
(31) Priority Document No :61/222,653
(32) Priority Date :02/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040929
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)UNIVERSITY OF FLORIDA RESEARCH
FOUNDATION INC.**
Address of Applicant :223 Grinter Hall Gainesville FL
32611 United States of America
(72)Name of Inventor :
**1)AMB Chad Martin
2)BEAUJUGE Pierre Marc
3)REYNOLDS John R.**

(57) Abstract :

Embodiments of the invention are directed to alternating donor-acceptor (DA) polymers that are soluble and display a blue or green neutral state that oxidizes to a transmissive state for use as an electrochromic polymer. The D units have 3 4-dioxythiophene 3 6-dialkoxythieno[3 2-b]thiophene or 3 5-dialkoxy-dithieno[3 2-b:2TM 3TM-d]thiophene groups. Embodiments of the invention are directed to a method for preparation of the alternating DA polymeric sequences of the DA polymers by a cross-condensation of a nucleophilic acceptor monomer and an electrophilic donor monomer.

No. of Pages : 45 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.446/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : MITIGATION OF UPLINK INTERFERENCE FROM WIRELESS COMMUNICATION DEVICE CONNECTED TO MICRO CELL

(51) International classification	:H04W 52/36
(31) Priority Document No	:12/542572
(32) Priority Date	:17/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041036
Filing Date	:06/07/2010
(87) International Publication No	:WO 2011/022126 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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LIBERTYVILLE, IL 60048 U.S.A.

(72)Name of Inventor :

1)NARASIMHA, MURALI

2)KUCHIBHOTLA, RAVI

(57) Abstract :

A wireless communication device configured to obtain at least a portion of a power parameter of a first serving cell when connected to the first serving cell, switch the link of the wireless communication device from the first serving cell to a second serving cell, determine, based on the portion of the power parameter, a maximum acceptable transmit power of the wireless communication device for use after the wireless communication device switches its link from the first serving cell to the second serving cell, and limit a transmit power of the wireless communication device, based on the maximum acceptable transmit power, when the wireless communication device is connected to the second serving cell.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.456/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHODS AND APPARATUS FOR SPECTRUM SENSING OF SIGNAL FEATURES IN A WIRELESS CHANNEL

(51) International classification	:H04B17/00
(31) Priority Document No	:61/227,700
(32) Priority Date	:22/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/042816
Filing Date	:21/07/2010
(87) International Publication No	:WO 2011/011558 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)STEPHEN J. SHELLHAMMER

(57) Abstract :

Methods and apparatus for sensing features of a signal in a wireless communication system are disclosed. The disclosed methods and apparatus sense signal features by determining a number of spectral density estimates, where each estimate is derived based on reception of the signal by a respective antenna in a system with multiple sensing antennas. The spectral density estimates are then combined, and the signal features are sensed based on the combination of the spectral density estimates.

No. of Pages : 32 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.463/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : AN ARRANGEMENT FOR EXCHANGING POWER

(51) International classification :H02M 5/458

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/057625

Filing Date :18/06/2009

(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)ABB TECHNOLOGY AG

Address of Applicant :Affolternstrasse 44 CH-8050 Zurich
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(72)Name of Inventor :

1)HASLER Jean-Philippe

(57) Abstract :

An arrangement for exchanging power with a three-phase electric power network comprises a Voltage Source Converter (5) having three phase legs (A-C) with each a series connection of switching cells. The three phase legs are interconnected by forming a delta-connection. The arrangement also comprises a control unit (19) configured to calculate a value for amplitude and phase position for a zero-sequence current for which when circulated in the delta-connection circuit of said three phase legs the balance of the total direct voltage of each of said three phase legs (A-C) with respect to the other two phase legs is restored will there be an unbalance and control the semiconductor devices of switching cells of the phase legs to add such a zero-sequence current to the currents of each phase leg of the converter.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.468/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : PACKAGING CONTAINER WITH ANTI-COUNTERFEIT EFFECT□

(51) International classification :B65D 5/00
(31) Priority Document No :200910148728.8
(32) Priority Date :01/07/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/000977
Filing Date :29/06/2010
(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)WU ZHENDONG

Address of Applicant :No.13 Yunteng Road Economy and Development Zone Miyun Beijing 101500 China

(72)Name of Inventor :

1)WU ZHENDONG

(57) Abstract :

A packaging container with anti-counterfeit effect is a hexagonal packaging box, wherein, an insertion tongue (13) formed by bending a cover board (10) along a folding line (12) is inserted into the inner chamber of the packaging box. From the insertion tongue (13), at least one sealing strip (11) is separated out and connected to the cover board (10) at the folding line (12). The sealing strip (11) is not inserted into the inner chamber of the packaging box along with the insertion tongue (13), but is pressed on the corresponding outer surface of a second panel (30) and securely connected with the panel. A tearing line (70) is provided on the second panel (30). The packaging container provides a new way of sealing anticounterfeit and a new buckle arrangement, thus improving the anti-counterfeit effect of the packaging box, bringing about a more attractive goods packaging, saving cost and meeting environmental protection requirements.

No. of Pages : 38 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.440/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : HYBRID COPOLYMER COMPOSITIONS

(51) International classification :C08F 265/04

(31) Priority Document No :12/533,802

(32) Priority Date :31/07/2009

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

(86) International Application No :PCT/US2010/043919

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

(71)Name of Applicant :

1)AKZO NOBEL N.V.

Address of Applicant :Velperweg 76 NL-6824 BM Arnhem
The Netherlands

(72)Name of Inventor :

1)RODRIGUES Klin A.

2)VANDERHOOF Matthew M.

3)CARRIER Allen M.

4)SANDERS Jannifer

(57) Abstract :

Hybrid copolymer compositions include a hybrid copolymer including at least one ethylenically unsaturated monomer and a naturally derived hydroxyl containing chain transfer agent as an end group; and a hybrid synthetic copolymer including one or more synthetic polymers derived from the at least one ethylenically unsaturated monomer with at least one initiator fragment as an end group. The hybrid copolymer composition may be prepared as a scale inhibiting composition. Methods of preparing a hybrid copolymer are also included.

No. of Pages : 98 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.441/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : A METHOD AND APPARATUS FOR TREATING DIAMOND USING LIQUID METAL SATURATED WITH CARBON□

(51) International classification	:C30B 29/04
(31) Priority Document No	:0912510.5
(32) Priority Date	:17/07/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001368
Filing Date	:19/07/2010
(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)TAYLOR Philip H.
2)STONEHAM Doreen

(57) Abstract :

A method of treating a diamond the method comprising: (i) providing a liquid metal saturated with carbon with respect to graphite precipitation; (ii) lowering the temperature of the liquid metal such that the liquid metal is saturated with carbon with respect to diamond precipitation; (iii) immersing a diamond in the liquid metal; and (iv) removing the diamond from the metal.

No. of Pages : 58 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.464/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND DEVICE FOR IMPLEMENTING UPLINK SYNCHRONIZATION

(51) International classification :H04W 56/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/000687

Filing Date :22/06/2009

(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)ALCATEL LUCENT

Address of Applicant :3 avenue Octave Grard F-75007 Paris
France

(72)Name of Inventor :

1)YANG Tao

(57) Abstract :

Embodiments of the invention provide a method and device for establishing uplink (UL) synchronization. The method includes: instructing a UE to perform a dedicated PRACH transmission; calculating a timing advance (TA) according to first timing information derived by itself and second timing information received from a plurality of non-serving base stations and sending the timing advance to the UE to enable the UE to establish the uplink synchronization with involved base stations according to the timing advance wherein the first timing information and the second timing information are associated with propagation delays of the dedicated PRACH transmission performed by the UE. With the above solution it may be easy to establish UL synchronization between the UE and all involved base stations for UL CoMP.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.467/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF CARBOHYDRATE CLEAVAGE PRODUCTS FROM A LIGNOCELLULOSIC MATERIAL□

(51) International classification	:C12P 7/10
(31) Priority Document No	:A 1252/2009
(32) Priority Date	:06/08/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2010/000138
Filing Date	:30/04/2010
(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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Address of Applicant :Rankengasse 28a A-8020 Graz Austria
(72)**Name of Inventor :**
1)FACKLER Karin
2)MESSNER Kurt
3)KRONGTAEW Chularat
4)ERTL Ortwin

(57) Abstract :

A process for the production of carbohydrate cleavage products characterized by a combination of the measures that a lignocellulosic material is treated with an aqueous solution containing an alcohol in particular a C1-4-alcohol or a phenol and having a pH-value of between 11.0 and 14.0 in order to cleave lignocellulose and separate cleavage products from the material whereby a material enriched with cellulose and hemicellulose is obtained and the obtained material enriched with cellulose and hemicellulose is treated with at least one carbohydrate-cleaving enzyme in order to obtain the carbohydrate cleavage products.

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

(54) Title of the invention : LIQUID PREVENTION AND WAVE SUPPRESSION DEVICE FOR USE AT SEALING TRANSITION REGION OF END PART OF CIRCULAR AIR DUCT

(51) International classification :F27D 15/02
 (31) Priority Document No :200910161240.9
 (32) Priority Date :24/07/2009
 (33) Name of priority country :China
 (86) International Application No :PCT/CN2010/075277
 Filing Date :20/07/2010
 (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)ZHONGYE CHANGTIAN INTERNATIONAL ENGINEERING CO. LTD.

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(72)Name of Inventor :

1)GAO Deliang

(57) Abstract :

A liquid prevention and wave suppression device for use at a sealing transition region of an end part of a circular air duct is provided, which includes: an end plate (22) of the liquid prevention and wave suppression device which has the same height as an inner circular plate and an outer circular plate (44, 45) of an air duct of a circular flume, an inner circular plate and an outer circular plate (231, 241) of the liquid prevention and wave suppression device which has the same height as and connects to the end plate (22) of the liquid prevention and wave suppression device, an inner transition plate (211) of the liquid prevention and wave suppression device which connects to the inner circular plate (231) of the liquid prevention and wave suppression device and the inner circular plate (44) of the air duct of the circular flume, an outer transition plate (212) of the liquid prevention and wave suppression device which connects to the outer circular plate (241) of the liquid prevention and wave suppression device and the outer circular plate (45) of the air duct of the circular flume. The end plate (22) of the liquid prevention and wave suppression device is arranged on a near side of an end sealing device (1) of the circular air duct and adjacent to it. The radial width of the end plate (22) of the liquid prevention and wave suppression device is greater than the distance between the inner circular plate and the outer circular plate (44, 45) of the air duct of the annular flume, and it is separated by a predetermined distance from an inner circular plate and an outer circular plate (31, 32) of a door-shaped air duct. When the door-shaped sealing device moves, a relative movement exists between the inner circular plate and the outer circular plate (231, 241) of the liquid prevention and wave suppression device and the inner circular plate and the outer circular plate (31, 32) of the door-shaped air duct. The liquid prevention and wave suppression device (2) can effectively prevent liquid at the sealing transition region of the end part of the circular air duct from entering a trolley with the wind.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.473/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : A SPLIT FEED DISTRIBUTOR WITH FEED SUPPLIED FROM BELOW AND THROWN CIRCUMFERENTIALLY

(51) International classification	:A01K 61/02
(31) Priority Document No	:201010555223.6
(32) Priority Date	:13/11/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/074648
Filing Date	:25/05/2011
(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 :

1)Wu Weiguo

Address of Applicant :Huanxi Road 288 Jinqing Town
Luqiao District Taizhou City 318000 Zhejiang China

(72)Name of Inventor :

1)Wu Weiguo

(57) Abstract :

A feed distributor used in fish ponds with feed supplied from below and thrown circumferentially comprises a feed-supplying mechanism a feed-throwing mechanism and a feed-conveying mechanism by which feed supplied from said feed-supplying mechanism is delivered to said feed-throwing mechanism; the feed-supplying mechanism has a hopper which connects with a feed container upwards and a feed conveyor downwards. The feed-throwing mechanism has a launching disc with top sealed feed outlets in circumference and feed inlet below; and the launching disc settles on a hollow shaft with inner hole opposed to said feed inlet. The feed-throwing mechanism settles in the ponds and the feed-supplying mechanism settles on the bank feed is sucked into the feed-throwing disc and thrown circumferentially under the negative pressure caused by the rotation of the launching disc and has a low crushing rate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.474/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : SMART AND SCALABLE POWER INVERTERS□

(51) International classification	:H02J 3/38
(31) Priority Document No	:61/226,141
(32) Priority Date	:16/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/042123
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)CHENG George Shu-Xing
2)MULKEY Steven L.

(57) Abstract :

A method and apparatus is disclosed for intelligently inverting DC power from DC sources such as photovoltaic (PV) solar modules to single-phase or three-phase AC power to feed the power grid for electricity generation. A number of smart single-input dual-input triple-input quad-input and multiple-input power inverters in a mixed variety can easily connect to single dual triple quad and multiple DC power sources invert the DC power to AC power and daisy chain together to generate a total power which is equal to the summation of the AC power supplied by each smart and scalable power inverter of this invention.

No. of Pages : 45 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.475/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : INTERLAYER FILM FOR LAMINATED GLASS HAVING IR-ABSORBING PROPERTIES AND LOW HAZE

(51) International classification	:C03C 27/12
(31) Priority Document No	:09162996.4
(32) Priority Date	:17/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058521
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)KURARAY CO. LTD.

(72)Name of Inventor :

1)BEEKHUIZEN Jan

2)MORIKAWA Keisuke

3)AMANO Yusuke

(57) Abstract :

The invention is related to an interlayer film for safety glazing proving insulation against heat caused by solar radiation by forming an homogeneous distribution of IR-radiation absorbing particles in the interlayer film with the aid of mono or dibasic phosphate as dispersing agent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.476/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : PHARMACEUTICAL AGENT

(51) International classification	:C07K 16/24
(31) Priority Document No	:0910754.1
(32) Priority Date	:22/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/058788
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 :

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(72)Name of Inventor :

1)STOLOFF Gregory

2)WANDERLEY Wilson

(57) Abstract :

Provided is a pharmaceutical agent for use in the treatment of inflammation in a subject prone to and/or experiencing an excessive inflammatory response as a result of infection with an infectious agent and/or exposure to an allergen and/or exposure to an environmental trigger which pharmaceutical agent comprises an agent for preventing hindering modulating or reducing: (a) the production activity and/or effect of one or more cytokines; and/or (b) the functionality of one or more cells that are targets for the cytokines; and/or (c) a pathological effect caused by cells producing and/or activated by the cytokines.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4766/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :30/07/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : STARTING METHOD FOR ROTATING MACHINE AND STARTING METHOD FOR WIND TURBINE GENERATOR

(51) International classification	:F03D11/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP10/052534
Filing Date	:19/02/2010
(87) International Publication No	:WO/2011/101982
(61) Patent of Addition 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)MR.TAKAYANAGI, KAZUFUMI

(57) Abstract :

A starting method is provided for a rotating machine which includes a main shaft, a main bearing rotatably supporting the main shaft and a main bearing lubricant pump circulating lubricant through the main bearing. The starting method includes steps of: rotating the main shaft-to raise a temperature of the main bearing in a state in which the main bearing lubricant pump is not operated; and operating the main bearing lubricant pump to start supplying the lubricant to the main bearing after the step of raising the temperature of the main bearing.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.462/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : AN ARRANGEMENT FOR EXCHANGING POWER

(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/EP2009/057627

Filing Date :18/06/2009

(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 :

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(72)Name of Inventor :

1)HASLER Jean-Philippe

(57) Abstract :

An arrangement for exchanging power in shunt connection with a three-phase electric power network (1) comprises a Voltage Source Converter (5) having at least three phase legs (6-11) with each a series connection of switching cells (15). Each switching cell has at least two semiconductor assemblies (16 17) connected in series and having each a semiconductor device (18) of turn-off- type and a rectifying element (19) connected in anti-parallel therewith and at least one energy storing capacitor (20). A control unit (41) is configured to control the semiconductor devices of each switching cell and to deliver a voltage across the terminals thereof being zero or U in which U is the voltage across the capacitor. The control unit is also configured to calculate a value for amplitude and phase position for a second negative sequence-current or a zero-sequence voltage or a value of a dc current for which when added to said three phase legs upon generation of a negative-sequence current the resulting energy stored in the energy storing capacitors in each said phase leg will be constant and to control the semiconductor devices of said switching cells of the phase legs to add such a current or voltage to the currents and voltages respectively of each phase leg of the converter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4624/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/06/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : NITRATE DERIVATIVES OF CILOSTAZOL FOR THE TREATMENT OF VASCULAR AND METABOLIC DISEASES

(51) International classification	:C07D257/04, A61K31/41, A61P9/00
(31) Priority Document No	:08170435.5
(32) Priority Date	:02/12/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/066159
Filing Date	:01/12/2009
(87) International Publication No	:WO 2010/063724 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)SARTOR, DIRK

2)SCHERHAG, ARMIN

(57) Abstract :

Nitrate derivatives of cilostazol are described. They have superior properties and clinical advantages compared to cilostazol in the treatment of vascular and metabolic diseases.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.466/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : COMPILATION OF IMAGES

(51) International classification :H04N 5/225

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/048403

Filing Date :24/06/2009

(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)HEWLETT-PACKARD DEVELOPMENT COMPANY
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(72)Name of Inventor :

1)Stephen Philip CHEATLE

2)David Neil SLATTER

(57) Abstract :

A system for arranging a number of images into a compilation of images a metadata derivation unit (230) configured to derive metadata from the images based on the content of the images and an image arranging unit (240) configured to arrange the images into a compilation of images based on the metadata derived from the images. A method for arranging a number of images into a compilation of images is also provided.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.48/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : POLYAMIDE COMPOSITION&NBSP; OBJECT PRODUCED FROM SUCH A COMPOSITION&NBSP; AND USES THEREOF□

(51) International classification :C08L 77/06

(31) Priority Document No :0955154

(32) Priority Date :23/07/2009

(33)□ Name of priority country :France

(86) International Application No :PCT/FR2010/051377

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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(72)Name of Inventor :

1)BRULE Beno@t

2)RAMFEL Barbara

(57) Abstract :

The invention relates to a composition comprising at least one first polyamide conforming to the formula MXD.10 or MXD.10/Z and having a melting temperature Tf1 and at least one second polyamide. Said at least second polyamide has a melting temperature Tf2 such that $Tf1 - 40^{\circ}\text{C} = Tf2 < Tf1 + 20^{\circ}\text{C}$. The invention likewise relates to an article obtained from such a composition to a method of shaping such an article and to the use of such a composition and of such an article.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.480/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SEPARATING BIOLOGICAL MATERIALS

(51) International classification :B01D 21/26

(31) Priority Document No :12/504,413

(32) Priority Date :16/07/2009

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

(86) International Application No :PCT/US2010/041942

Filing Date :14/07/2010

(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)BIOMET BIOLOGICS LLC

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(72)Name of Inventor :

1)MICHAEL D. LEACH

2)JASON CHAVARRIA

(57) Abstract :

According to various embodiments a system can be provided to separate undifferentiated cells and/or stromal cells from a whole tissue sample. The whole tissue sample can be any appropriate tissue sample obtained directly from a patient. The tissue sample can be obtained during a selected operating procedure for immediate or quick application or re-application to the patient. Accordingly autologous cells can be obtained intraoperatively for application to a patient substantially soon after obtaining a whole tissue sample.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1601/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : APPARATUS AND METHOD FOR ATOMIC LAYER DEPOSITION

(51) International classification :C23C16/455
(31) Priority Document No :09166904.4
(32) Priority Date :30/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/NL2010/050491
Filing Date :30/07/2010
(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

(71)**Name of Applicant :**
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Address of Applicant :SCHOEMAKERSTRAAT 97 2628 VK
DELFT Netherlands
(72)**Name of Inventor :**
1)VERMEER, ADRIANUS JOHANNES PETRUS MARIA
2)JANSSEN, GABI P

(57) Abstract :

Apparatus for atomic layer deposition on a surface of a sheeted substrate, comprising: an injector head comprising a deposition space provided with a precursor supply and a precursor drain; said supply and drain arranged for providing a precursor gas flow from the precursor supply via the deposition space to the precursor drain; the deposition space in use being bounded by the injector head and the substrate surface; a gas bearing comprising a bearing gas injector, arranged for injecting a bearing gas between the injector head and the substrate surface, the bearing gas thus forming a gas-bearing; a conveying system providing relative movement of the substrate and the injector head along a plane of the substrate to form a conveying plane along which the substrate is conveyed. A support part arranged opposite the injector head, the support part constructed to provide a gas bearing pressure arrangement that balances the injector head gas-bearing in the conveying plane, so that the substrate is held supportless by said gas bearing pressure arrangement in between the injector head and the support part.

No. of Pages : 60 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.442/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A COATED SUBSTRATE COATED SUBSTRATE AND USE THEREOF □

(51) International classification :C23C 16/20
(31) Priority Document No :61/230,265
(32) Priority Date :31/07/2009
(33) Nam□ of priority country :U.S.A.
(86) International Application No :PCT/EP2010/060929
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)AKZO NOBEL CHEMICALS INTERNATIONAL B.V.
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1)BOROVIK Alexander Sergeevich
2)DEAVENPORT Dennis Leon
3)HELLER Jrg
4)KUZMANOVIC Boris
5)LUTTMER Arthur Robert
6)OBERHAUSER Simon

(57) Abstract :

The invention relates to a process for preparing a substrate with a multizone metallic coating comprising the steps of heating a metallic material optionally comprising a metallic outer layer having a different composition than said metallic material to a temperature T1 depositing a coating of aluminium magnesium and/or zinc and cooling down to a temperature T2 and continuing the deposition. It furthermore relates to a substrate with a multizone metallic coating obtainable with said process.

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.465/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : LIGHT EMITTING DEVICE

(51) International classification	:H01L 33/60
(31) Priority Document No	:2009-147353
(32) Priority Date	:22/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060491
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

(71)Name of Applicant :

1)NICHIA CORPORATION

Address of Applicant :491-100 Oka Kaminaka-cho Anan-shi Tokushima 774-8601 Japan

(72)Name of Inventor :

1)TAKINE Kenji

(57) Abstract :

A light emitting device which has: a light emitting element; a package that comprises a concavity for holding the light emitting element and that has on its side wall where the concavity is integrally formed a light reflector for reflecting light from the light emitting element and a light transmitter for transmitting light from the light emitting element to the outside.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.482/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : DIRECT TIE-IN OF A BACKUP POWER SOURCE TO MOTHERBOARDS IN A SERVER SYSTEM

(51) International classification	:H02J 9/00
(31) Priority Document No	:12/509,349
(32) Priority Date	:24/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038516
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)SEUNG HOON PARK

2)AMIR MEIR MICHAEL

(57) Abstract :

The need for an uninterrupted power supply (UPS) in a data center is obviated by tying a DC voltage from a backup power source directly to the motherboards of multiple servers in the data center. AC power received from a power utility service is converted into a lower voltage by a site transformer and then provided to one or more power distribution units at a site. The power distribution units supply power to a plurality of servers which include power supplies that convert the AC electrical power to DC electrical power for use by the serversTM motherboards. In the event of a failure of power from the utility service the backup power source provides DC electrical power to the motherboards e.g. for sufficient time to start up a generator to provide power in place of the utility service.

No. of Pages : 19 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/01/2012

(21) Application No.483/CHENP/2012 A

(43) Publication Date : 19/04/2013

(54) Title of the invention : ADAPTOGENIC ACTIVITY OF LABISIA PUMILA EXTRACT AND PROCESS THEREOF

(51) International classification :A61K 36/185
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/MY2009/000074
Filing Date :16/06/2009
(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 :

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(72)Name of Inventor :

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2)PANDEY Anjali

3)KOUR Kiranjeet

4)CHAUHAN Prashant Singh

5)CHANDAN Balkrishan

6)SHARMA Neelam

7)SINGH Kuldeep

8)KOUL Surrinder

9)GUPTA Bishan Dutt

10)SANGWAN Payarelal

11)GUPTA Devinder Kumar

12)LAL Shankar

13)MARNICKAVASAGAR Rajendran

(57) Abstract :

The present disclosure provides a process of extracting the leaves of Labisia pumila with water into a free flowing powder using accelerated solvent system and drying.

No. of Pages : 39 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.469/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : PROCESS FOR TREATING AGGLOMERATING OR BITUMINOUS COAL BY REMOVING VOLATILE COMPONENTS□

(51) International classification :C10B 57/10

(31) Priority Document No :61/225,406

(32) Priority Date :14/07/2009

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

(86) International Application No :PCT/US2010/041937

Filing Date :14/07/2010

(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)C20 TECHNOLOGIES LLC

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40513 United State of America

(72)Name of Inventor :

1)RINKER Franklin G.

(57) Abstract :

A process for treating agglomerating coal includes providing dried, pulverized, agglomerating coal, and treating the coal in a vessel with a gas stream having an oxygen content sufficient to form at least some oxides on surface of coal particles, wherein the oxides are sufficient to convert coal into substantially non- agglomerating coal. The treated coal is transferred into a pyrolyzing chamber and passed into contact with an oxygen deficient sweep gas, the sweep gas being at a higher temperature than the temperature of the coal so that heat is supplied to the coal. The process further includes providing additional heat to coal indirectly by heating the chamber, wherein the heating of coal by the sweep gas and by the indirect heating from the chamber causes condensable volatile components to be released into the sweep gas. The sweep gas is removed from the chamber and treated to remove condensable components of coal.

No. of Pages : 49 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.47/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : DIFFERENTIATED PLURIPOTENT STEM CELL PROGENY DEPLETED OF EXTRANEIOUS PHENOTYPES□

(51) International classification	:C12N 5/00
(31) Priority Document No	:61/220,418
(32) Priority Date	:25/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040013
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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Address of Applicant :230 Constitution Drive Menlo Park
CA 94025 United States of America
(72)Name of Inventor :
1)LEBKOWSKI Jane S.
2)PRIEST Catherine A.
3)OKAMURA Ross M.

(57) Abstract :

The invention provides methods for depleting extraneous phenotypes from a mixed population of cells comprising the in vitro differentiated progeny of primate pluripotent stem cells. The invention also provides mixed cell populations enriched for a target cell phenotyp where the mixed cell population comprises the differentiated in vitro progeny of primate embryonic stem cells.

No. of Pages : 102 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.470/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : ANISOTROPIC THERMAL CONDUCTION ELEMENT AND MANUFACTURING METHOD□

(51) International classification	:F28F 7/00
(31) Priority Document No	:12/502,561
(32) Priority Date	:14/07/2009
(33) Name of priority countr□	:U.S.A.
(86) International Application No	:PCT/US2010/039949
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 :**
1)SPECIALTY MINERALS (MICHIGAN) INC.
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(72)**Name of Inventor :**
1)LEMAK Richard J.
2)MOSKAITIS Robert J.
3)PICKRELL David

(57) Abstract :

An anisotropic thermal conductive element that can conduct heat from a thermal source with high efficiency in the thickness direction which maintaining strength and a method of making the element. To achieve the above an anisotropic thermal conductive element that can conduct heat from a heat source a structure with a stack of graphite sheets having a contact surface across the thickness direction of the graphite sheets and the stack of graphite sheets has the surroundings thereof coated to form a support parts. The coating process covers the structure of stacked graphite with a support part. A cutting process can be performed by cutting along the surface in the stacking direction after the coating process. After the cutting process a surface treatment process can make a surface treatment to a section.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.472/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : CAST FILMS MICROPOROUS MEMBRANES AND METHOD OF PREPARATION THEREOF

(51) International classification :B29C 47/88

(31) Priority Document No :61/219,581

(32) Priority Date :23/06/2009

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

(86) International Application No :PCT/CA2010/000952

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 :

1)CORPORATION DE L'ÉCOLE POLYTECHNIQUE DE MONTREAL

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2)NATIONAL RESEARCH COUNCIL OF CANADA (NRC)

(72)Name of Inventor :

1)TABATABAEI Seyed Hesamoddin

2)CARREAU Pierre

3)AJJI Abdellah

(57) Abstract :

There is provided a method for controlling the morphology of a cast film. The method comprises extruding a cast film by controlling a cooling rate of the cast film by applying on the film a gas at a gas cooling rate of at least about 0.4 cm³/s per kg/hr in accordance with the extrudate flow rate.

No. of Pages : 140 No. of Claims : 83

(12) PATENT APPLICATION PUBLICATION

(21) Application No.489/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : MOBILE STATION, POSITION MANAGEMENT APPARATUS, SUBSCRIBER INFORMATION MANAGEMENT APPARATUS, MOBILE COMMUNICATION SYSTEM, ACCESS CONTROL APPARATUS, HOME BASE STATION AND COMMUNICATION METHOD

(51) International classification	:H04W12/08
(31) Priority Document No	:2009-148917
(32) Priority Date	:23/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060449
Filing Date	:21/06/2010
(87) International Publication No	:WO 2010/150734
	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)ARAMOTO, MASAFUMI
2)NAOE, HIROKAZU

(57) Abstract :

A system includes a subscription storage that stores an APN for identifying a home base station 60 and the service class available for a UE 70 as subscription information, in correspondence with a mobile terminal identifier for identifying UE 70; a positional information update request receiver for receiving a positional information update request of UE 70 from an MME 40; and a positional information response transmitter that extracts the available service class corresponding to the mobile terminal identifier included in the positional information update request, from the subscription storage and transmits a positional information update response included with the extracted service class to MME 40. With this configuration, it is possible to provide a mobile communication system or the like in which, for a plurality of services provided through local IP access functionality of a home base station, the owner of a home base station and the like can set the access right for each of the services, and communication data is transferred based on the set access right.

No. of Pages : 105 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.477/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : WRITING SUBSTANCE FOR WRITING DRAWING AND/OR PAINTING TOOLS

(51) International classification :C09D 13/00
(31) Priority Document No :10 2009 033 830.6
(32) Priority Date :18/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/004160
Filing Date :08/07/2010
(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)THIES Andreas

(57) Abstract :

The invention relates to a polymer-bound writing substance for writing drawing and/or painting tools particularly for pencils or colored pencils comprising at least one polymer bonding agent at least one wax and at least one filler material wherein the writing substance is further provided with 0.1 to 5 wt % of palm kernel oil and/or coconut butter and/or coconut oil and/or oleic acid.

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.478/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : INFLUENZA VACCINE COMPOSITION AND METHODS OF USE

(51) International classification :A61K 39/10

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IB2009/007153

Filing Date :15/06/2009

(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 :

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**3)INSTITUT NATIONAL DE LA SANTE ET DE LA
RECHERCHE MEDICALE (INSERM)**

(72)Name of Inventor :

1)ALONSO Sylvie

2)LI Rui

3)CHOW Vincent

4)LOCHT Camille

(57) Abstract :

The invention relates to compositions and vaccines that include a mutated Bordetella strain for treating or preventing an influenza infection in a mammal. In addition the invention further provides methods for protecting a mammal against infection by influenza and/or eliciting an immune response against an influenza virus in a mammal using the composition or vaccine.

No. of Pages : 64 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.479/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : SPATIAL PREDICTION METHOD AND APPARATUS IN LAYERED VIDEO CODING

(51) International classification :H04N 7/34
(31) Priority Document No :61/224,603
(32) Priority Date :10/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/004503
Filing Date :12/07/2010
(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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Suwon-si Gyeonggi-do 442-742 Republic of Korea
(72)**Name of Inventor :**
1)WOONG-IL CHOI
2)DAE-SUNG CHO

(57) Abstract :

A spatial prediction method for coding a residual image in layered video coding. The spatial prediction method includes selecting at least one of a default mode a horizontal mode and a vertical mode as a spatial prediction mode taking into account an activity of at least one adjacent block located adjacent to a first block among blocks included in the residual image; and coding differences between pixels of the first block and pixels of a prediction block constructed by one of the selected at least one or more spatial prediction modes. The at least one adjacent block includes a first adjacent block located on the left of the first block and a second adjacent block located on the top of the first block.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.49/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR PRODUCING L-LYSINE USING CORYNEBACTERIUM SP. THAT HAS OBTAINED THE ACTIVITY OF GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE DERIVED FROM AN ALIEN SPECIES □

(51) International classification	:C12N 1/21	(71)Name of Applicant :
(31) Priority Document No	:10-2009-0062322	1)CJ CHEILJEDANG CORPORATION
(32) Priority Date	:08/07/2009	Address of Applicant :292 Ssangnim-dong Jung-gu Seoul
(33) Name of priority country	:Republic of Korea	100-400 Republic of Korea
(86) International Application No	:PCT/KR2010/003432	(72)Name of Inventor :
Filing Date	:28/05/2010	1)RAH So-yeon
(87) International Publication No	: NA	2)LIM Sangjo
(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 Corynebacterium sp. strain having the activity of NADP-dependent glyceraldehyde-3-phosphate dehydrogenase and with an enhanced ability of producing L-lysine and to a method for producing L-lysine using same. Using the Corynebacterium sp. strain and method for producing L-lysine of the present invention L-lysine may be produced in high yields.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.490/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM, BASE STATION APPARATUS, MOBILE STATION APPARATUS, AND MOBILE COMMUNICATION METHOD

(51) International classification	:H04W72/12
(31) Priority Document No	:2009-144793
(32) Priority Date	:18/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058526
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/146964
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)AIBA, TATSUSHI

2)YAMADA, SHOHEI

(57) Abstract :

Provided is a mobile communication system in which a base station apparatus and a mobile station apparatus communicate with each other using a plurality of component carriers, wherein the base station apparatus persistently allocates a first physical uplink control channel to the mobile station apparatus, dynamically allocates a second physical uplink control channel to the mobile station apparatus, and allocates a physical uplink shared channel to the mobile station apparatus, and the mobile station apparatus performs simultaneous transmission on the physical uplink shared channel and the second physical uplink control channel when transmission on the first physical uplink control channel, transmission on the second physical uplink control channel, and transmission on the physical uplink shared channel occur in the same sub-frame.

No. of Pages : 95 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.481/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : AN APPARATUS METHOD AND COMPUTER PROGRAM FOR PROVIDING AN ACOUSTIC OUTPUT SIGNAL

(51) International classification	:H03H
(31) Priority Document No	:12/456,566
(32) Priority Date	:17/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/FI2010/050129
Filing Date	:24/02/2010
(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

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2)Tommi Raussi
3)Jari Toropainen

(57) Abstract :

An apparatus, method and computer program, the apparatus comprising: a loudspeaker configured to convert an electrical input signal into an acoustic output signal; a connecting portion configured to interchangeably connect to either a first adapter or a second adapter where the first adapter is configured to fit in a user's ear canal and the second adapter is configured to fit to a user's concha; and a regulator for regulating sound pressure level created by the acoustic output signal at an ear drum of the user in dependence on whether the first adapter or the second adapter is connected to the connecting portion.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : CROSS-PROCESSING UNIT ADAPTING METHOD&NBSP; SYSTEM AND DEVICE THEREOF

(51) International classification :H04L 12/66
(31) Priority Document No :200910146776.3
(32) Priority Date :01/07/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074528
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 :

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)Ke HUANG

(57) Abstract :

A cross-processing unit adaptation method a system and a device thereof. The method includes: acquiring received and crossly-processed cross signals; using preconfigured adaptation parameters to adaptively process said cross signal to acquire service signals complying with the service processing requirements. The adaptation parameters are predetermined according to the parameter information of the cross signals and the parameter information of the service signals. By adaptively processing the crossly-processed cross signals and the service signals required by the service processing unit different cross-processing units can be used via matching with one service processing unit. In this way different types of cross-processing units can be flexibly used together thus reducing the resource waste.

No. of Pages : 39 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.50/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : TREATMENT OF PORTAL HYPERTENSION AND RESTORATION OF LIVER FUNCTION □SING L-ORNITHINE PHENYLACETATE□

(51) International classification	:A61K 31/195
(31) Priority Document No	:61/185,158
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037838
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 :**
1)UCL BUSINESS PLC
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2)OCERA THERAPEUTICS INC.
(72)**Name of Inventor :**
1)JALAN Rajiv
2)ANDERSON Keith

(57) Abstract :

Disclosed herein are methods of treating and/or preventing portal hypertension and/or restoring liver function using L-ornithine phenylacetate.

No. of Pages : 52 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.503/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : HOUSING FOR PORTABLE ELECTRONIC APPLIANCE

(51) International classification :C08L 69/00
(31) Priority Document No :2009-168185
(32) Priority Date :16/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/061163
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 :
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(72)Name of Inventor :
1)ISHIKAWA Yasuhiro
2)TANAKA Takayoshi

(57) Abstract :

Provided is a thin housing for a portable electronic appliance which has excellent drop impact resistance flowability and heat resistance and which is formed by molding a polycarbonate resin composition including: 10 to 100 parts by mass of a polycarbonate-polyorganosiloxane copolymer (A-1) which has structural units each represented by general formula (I) and structural units each represented by general formula (II) contains 1 to 30% by mass of a polyorganosiloxane block moiety including the structural units each represented by general formula (II) in which the average number of repeated structural units each represented by general formula (II) is 70 to 1 000 and has a viscosity-average molecular weight of 13 000 to 26 000; and 0 to 90 parts by mass of an aromatic polycarbonate (A-2) other than the copolymer (A-1) so that the total content of the copolymer (A-1) and the polycarbonate (A-2) is 100 parts by mass.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.507/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : PLANTS WITH INCREASED YIELD□

(51) International classification	:C12N15/82, A01H5/00
(31) Priority Document No	:61/227,839
(32) Priority Date	:23/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/060233
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 :**
1)BASF PLANT SCIENCE COMPANY GMBH
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(72)**Name of Inventor :**
1)HENDRIKS JANNEKE
2)THIMM OLIVER
3)GROTH PHILIP
4)PROKOUDINE ALEXANDRE
5)RITTE GERHARD
6)K-NIG CLAUDIA
7)KULKARNI RESHAM
8)KOLLIPARA KRISHNA

(57) Abstract :

A method for producing a plant with increased yield as compared to a corresponding wild type plant whereby the method comprises at least the following step: increasing or generating in a plant or a part thereof one or more activities of a polypeptide selected from the group consisting of 26S proteasome-subunit 50S ribosomal protein L36 Autophagy-related protein B0050-protein Branched-chain amino acid permease Calmodulin carbon storage regulator FK506- binding protein gamma-glutamyl-gamma-aminobutyrate hydrolase GM02LC38418-protein Heat stress transcription factor Mannan polymerase II complex subunit mitochondrial precursor of Lon protease homolog MutS protein homolog phosphate transporter subunit Protein EFR3 pyruvate kinase tellurite resistance protein Xanthine permease and YAR047C-protein.

No. of Pages : 182 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.484/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : IMAGE ENCODING DEVICE, IMAGE DECODING DEVICE, IMAGE ENCODING METHOD, AND IMAGE DECODING METHOD

(51) International classification :H04N7/32
(31) Priority Document No :2009-146356
(32) Priority Date :19/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/003494
Filing Date :25/05/2010
(87) International Publication No :WO 2010/146772
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)MITSUBISHI ELECTRIC CORPORATION
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(72)Name of Inventor :
1)ITANI, YUSUKE
2)SUGIMOTO, KAZUO
3)SEKIGUCHI, SHUNICHI
4)MINEZAWA, AKIRA
5)MORIYA, YOSHIMI
6)HIWASA, NORIMICHI
7)YAMAGISHI, SHUICHI
8)YAMADA, YOSHIHISA
9)KATO, YOSHIAKI
10)ASAI, KOHTARO
11)MURAKAMI, TOKUMICHI

(57) Abstract :

A quantizing matrix selecting part 3 for calculating the average and variance of brightness values in a prediction image created by a motion-compensated prediction unit 1, and selecting a quantizing matrix corresponding to the average and variance of brightness values in the prediction image from among a plurality of quantizing matrices which are prepared in advance is disposed, and a quantizing part 6 quantizes orthogonal transformation coefficients outputted from an orthogonal transformation part 5 with reference to the quantizing matrix selected by the quantizing matrix selecting part 3.

No. of Pages : 67 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.494/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEMS AND METHOD FOR MONITORING CINEMA LOUDSPEAKERS AND COMPENSATING FOR QUALITY PROBLEMS

(51) International classification	:H04R5/04
(31) Priority Document No	:61/230833
(32) Priority Date	:03/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/001920
Filing Date	:03/08/2010
(87) International Publication No	:WO 2011/015932
	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)IMAX CORPORATION
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(72)**Name of Inventor :**
1)BONNICK, BRIAN JOHN
2)TREMBLAY, DENIS G.

(57) Abstract :

Systems and processes for compensating for changes in a theatre sound system positioned in a theatre are described. A subsequent response of a loudspeaker to a test signal is captured and compared to a previously obtained signature response of the loudspeaker to the test signal. An audio signal can be processed based on the comparison to compensate for changes to loudspeaker performance, or otherwise.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.495/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD OF CONTROLLING A MONITORING OPERATION OF PHYSICAL DOWNLINK CHANNEL IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B7/26
(31) Priority Document No :61/239,796
(32) Priority Date :04/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/006044
Filing Date :06/09/2010
(87) International Publication No :WO 2011/028072 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)LG ELECTRONICS INC.
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(72)Name of Inventor :
1)YI, SEUGJUNE
2)JUNG, SUNGHOON
3)CHUN, SUNGDUCK
4)PARK, SUNGJUN

(57) Abstract :

The present invention relates to a wireless communication system and a terminal providing a wireless communication service and, to a method by which a base station and a terminal transmit and receive data in an evolved universal mobile telecommunications system (E-UMTS) evolved from universal mobile telecommunications system (UMTS) or a long term evolution (L.TE) system, and more particularly, to a method of controlling a monitoring operation of a physical downlink channel during a radio resource allocation procedure such that the radio resource allocation procedure can be performed with a minimum power usage by the terminal.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.505/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : WHITE-BOX CRYPTOGRAPHIC SYSTEM WITH CONFIGURABLE KEY USING INTERMEDIATE DATA MODIFICATION

(51) International classification	:H04L 9/06
(31) Priority Document No	:09163250.5
(32) Priority Date	:19/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058590
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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Address of Applicant :Taurusavenue 105 2132 LS Hoofddorp
The Netherlands

(72)Name of Inventor :

1)MICHELS Wilhelmus Petrus Adrianus Johannus

(57) Abstract :

A white-box cryptographic system (600) is presented for performing a key- dependent cryptographic operation such as AES. The system comprises a network of a plurality of look-up tables (640) arranged for collectively performing the cryptographic operation the network being adapted for a particular cryptographic key. By sending a key substitute (664) which represents to the network a further cryptographic key a key translation unit can arrange the effect of the network on the cryptographic operation such that is adapted for a further cryptographic key. In this way the system can be updated to use the further key instead of the particular key.

No. of Pages : 49 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.508/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : INFERRING USER-SPECIFIC LOCATION SEMANTICS FROM USER DATA

(51) International classification	:G06Q50/00
(31) Priority Document No	:12/533,837
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044041
Filing Date	:30/07/2010
(87) International Publication No	:WO 2011/014852 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MICROSOFT CORPORATION
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(72)**Name of Inventor :**
1)LIN, JYH-HAN

(57) Abstract :

Determining semantics for locations based on user data such as user activities and/or user communications. The user data is captured and analyzed to identify keywords including locations. Location data describing the locations is obtained and associated with the user and keywords. The associations represent user context for the locations. The associations are used to deliver services and/or products to the user at various times such as when user approaches or enters a particular location.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.509/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : ADAPTING PUSHED CONTENT DELIVERY BASED ON PREDICTIVENESS

(51) International classification :G06Q50/00

(31) Priority Document No :12/533,809

(32) Priority Date :31/07/2009

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

(86) International Application No :PCT/US2010/043534

Filing Date :28/07/2010

(87) International Publication No :WO 2011/014558 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)KLEIN, JOHANNES

2)KUEHNEL, THOMAS W.

(57) Abstract :

Correlating user activity and location-based prediction of network access events with the delivery of pushed content to a computing device. Location information for the computing device is received by the computing device. One or more network access events are predicted, or network access characteristics are determined, based on the location information and user activity on the computing device. The computing device adjusts delivery or receipt of the pushed content based on the predicted network access events or the determined network access characteristics. For example, data is pre-fetched prior to occurrence of the predicted network access events, or data retrieval requests are postponed until after the occurrence of the predicted network access events.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.51/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : BALANCE SYSTEM FOR A VIBRATING FLOW METER

(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/US2009/046838

Filing Date :10/06/2009

(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)MICRO MOTION INC

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(72)Name of Inventor :

1)VAN CLEVE Craig Brainerd

(57) Abstract :

According to the present invention a vibrating flow meter and method of operating a vibrating flow meter are provided. The vibrating flow meter includes a conduit (210) at least one pick-off (230 231) a driven member (250) at least one driver (220) and a base (260). The conduit (210) defines a fluid flow path. The at least one pick-off (230 231) measures the motion of the conduit (210). The at least one driver (220) vibrates the conduit (210) and the driven member (250) in phase opposition. The base (260) is coupled to the conduit (210) and the driven member (250) and switches between remaining substantially stationary or moving substantially in phase with the conduit (210) or moving substantially in phase with the driven member (250) in order to balance the motion of the conduit (210) and the driven member (250).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.510/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : ADVERTISING AS A REAL-TIME VIDEO CALL

(51) International classification :G06Q30/00
(31) Priority Document No :12/533,139
(32) Priority Date :31/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043289
Filing Date :27/07/2010
(87) International Publication No :WO 2011/014466 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)BREWER, BRETT, D.
2)DUNN, MELISSA, W.
3)MAHAJAN, MILIND, V.

(57) Abstract :

The claimed subject matter provides systems and/or methods that effectuate distribution of advertising as real-time video calls. The system can include devices that detect whether or not a mobile device associated with a user is in the vicinity of a retail establishment, ascertains whether or not the proximate mobile device is receptive to receipt of advertising from the retail establishment, negotiates with the mobile device to determine at least one user preference with respect to a real-time video call, and based on the ascertained user preferences, downloads the appropriate real-time video call to the mobile device and/or establishes a live audio-visual connection with a representative of the retail establishment, wherein during the live audio-visual connection negotiations between the user and the representative is effectuated and the user comprehends that they are communicating with a famous personality.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.53/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : CATAPHORESABLE SMOOSTEEL WITH GOOD RESISTANCE TO WARM AND WET ENVIRONMENT

(51) International classification	:B32B 15/18
(31) Priority Document No	:PCT/FR2010/000418
(32) Priority Date	:08/06/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/FR2010/000418
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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(72)**Name of Inventor :**
1)DOUX Marjolaine
2)VERCHERE Didier

(57) Abstract :

The invention relates essentially to a composite part comprising at least one sheet of steel coated with at least one polymeric film formed beforehand by extrusion of a polymeric blend comprising at least the following components: - a polymer formed of a dispersion of elastomer nodules in a polypropylene matrix, the proportion of elastomer in the matrix being less than 20% by weight of the combination formed by the matrix and the elastomer, - a first antioxidant from the family of the phenolic antioxidants for a content by weight of greater than or equal to 0.2%, - a second antioxidant from the family of the hydroperoxide-decomposing antioxidants for a content by weight of greater than or equal to 0.1%, - reinforcing fillers for a content by weight of less than 10%. The invention relates in addition to a process for the manufacture of this composite part and to the application of this composite part in the motor vehicle and transportation fields.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.533/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : PARTICLES INCORPORATING ANTIMICROBIAL AGENTS□

(51) International classification :A01N 25/08

(31) Priority Document No :61/226,382

(32) Priority Date :17/07/2009

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

(86) International App□ication No :PCT/US2010/042338

Filing Date :16/07/2010

(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)BARDWELL James

2)TUFTS Scott A. Jr.

3)RASCON Aurelia E.

4)BENITEZ Tenoch

(57) Abstract :

The present invention relates generally to particles that include one or more antimicrobial agents therein and/or thereon. The particles may be provided with one or more coatings that contain one or more antimicrobial agents or the one or more antimicrobial agents may be embedded in the particles. The present invention also relates to goods such as medical devices personal care products and household devices that incorporate one or more antimicrobial particles. The goods may be provided with one or more coatings that contain the antimicrobial particles or the antimicrobial particles may be physically embedded in the medical devices. The present invention is further directed towards methods of making such medical devices. The goods incorporating the antimicrobial particles may be used in accordance with methods of killing microorganisms and preventing infections.

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.535/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : POLYCARBONATE RESIN AND METHOD OF USE OF POLY (2-OCTADECYL-BUTANEDIOIC ACID) AND THE SALTS AND ESTERS THEREOF

(51) International classification	:C08G 64/00
(31) Priority Document No	:12/459,308
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040569
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 :**

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(72)**Name of Inventor :**

1)LAURINO Joseph

(57) Abstract :

A polymer comprising a polymer backbone. The polymer backbone has a plurality of carbon atoms. There are two lipophobic carboxylate groups or carboxylic acid groups per repeating unit being coupled to separate carbon atoms of the backbone.

No. of Pages : 19 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.536/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : LIPID FORMULATED DSRNA TARGETING THE PCSK9 GENE

(51) International classification	:A61K 9/127
(31) Priority Document No	:61/187,169
(32) Priority Date	:15/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038707
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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1)FITZGERALD Kevin
2)HINKLE Gregory
3)AKINC Akin
4)MILSTEIN Stuart

(57) Abstract :

This invention relates to composition and methods using lipid formulated siRNA targeted to a PCSK9 gene.

No. of Pages : 655 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.537/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : A BIOLOGICAL MICROFLUIDICS CHIP AND RELATED METHODS

(51) International classification :B01L 3/00
(31) Priority Document No :0910330.0
(32) Priority Date :16/06/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2010/003579
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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2)WIELHOUWER Eric Marijn
3)OONK Johannes
4)OLDE RIEKERINK Marinus Bernardus
5)RICHARDSON Michael Keith

(57) Abstract :

A biological microfluidics chip(100) comprising a substrate(102) a microfluidic inlet port(104) defining an opening in a surface of the substrate(102) and a microfluidic outlet port(106) defining an opening in a surface of the substrate(102). The biological microfluidics chip(100) also comprises a plurality of wells(108) extending from a top surface(110) of the substrate wherein each well(108) is bounded by one or more walls and an inlet opening(112) and an outlet opening(114) are provided in a wall of each of the plurality of wells(108). An inlet microfluidic channel(116) is provided in the substrate(102) to connect the microfluidic inlet port(104) to each of the inlet openings (112) in the walls of the wells and an outlet microfluidic channel(118) is provided in the substrate to connect each of the outlet openings(114) in the walls of the wells to the microfluidic outlet port(106).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.538/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : CRYPTOGRAPHY ON A SIMPLIFIED ELLIPTICAL CURVE□

(51) International classification	:H04L 9/30
(31) Priority Document No	:09 54043
(32) Priority Date	:16/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051191
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)ICART Thomas

(57) Abstract :

A cryptographic calculation is carried out in an electronic component, comprising a step of obtaining a point P(X,Y) from at least one parameter t, on an elliptical curve satisfying the equation: $Y^2 = f(X)$ and from polynomials $X_1(t)$, $X_2(t)$ and $U(t)$ satisfying the following equality: $-f(X_1(t)).f(X_2(t)) = U(t)^2$ in the finite body F_q , irrespective of the parameter t, q satisfying the equation $q = 3 \bmod 4$. A value of the parameter t is obtained and then the point P is determined by carrying out the following substeps: (i) $X_1 = X_1(t)$, $X_2 = X_2(t)$ and $U = U(t)$ are calculated (step 11); (ii) it is tested (step 12) whether the term $f(X-1)$ is a squared term in the finite body F_q and, if so, the square root of the term $f(X_1)$ is calculated (step 13), the point P having X_1 as abscissa and Y_1 , the square root of the term $f(X_1)$, as ordinate; (iii) otherwise, the square root of the term $f(X_2)$ is calculated (step 14), the point P having X_2 , as abscissa and Y_2 , the square root of the term $f(X_2)$, as ordinate. This point P can then be used in an encryption or scrambling or signature or authentication or identification cryptographic application.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.496/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : INSERTING PERSONALIZED INFORMATION INTO DIGITAL CONTENT

(51) International classification :H04N7/173
(31) Priority Document No :12/508,503
(32) Priority Date :23/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042922
Filing Date :22/07/2010
(87) International Publication No :WO 2011/011615 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)MCDONOUGH, JOHN, C.
2)STERN, HADLEY, RUPERT

(57) Abstract :

Described are methods and apparatuses, including computer program products, for inserting personalized information into digital content. A request for digital video content is received by a computing device. The request includes authentication data associated with a user of a client device. Personalized data to be inserted into the requested video content is generated by the computing device. The personalized data and the requested video content are combined by the computing device. The combining includes replacing one or more frames of the requested video content with the personalized data to generate personalized video content.

No. of Pages : 30 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.543/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : APPARATUS AND METHOD FOR OPERATING SLEEP MODE

(51) International classification :H04B7/26
(31) Priority Document No :61/220,586
(32) Priority Date :26/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/004115
Filing Date :24/06/2010
(87) International Publication No :WO 2010/151063 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, including transmitting a sleep mode request message including a sleep cycle information for entering into the sleep mode to a base station; receiving a sleep mode response message including a sleep mode operating parameter from the base station; changing the state to the sleep mode referring to the sleep mode operating parameter, receiving a traffic indication message including a positive traffic indicator from the base station; and adjusting to a current sleep cycle according to the sleep cycle information included in the sleep mode request message; wherein the sleep cycle information is an information indicating to extend a current sleep cycle to the small value of twice the previous sleep cycle and a final sleep cycle or to reset the current sleep cycle to an initial sleep cycle or a new initialized sleep cycle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.55/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : CONTROL METHOD AND APPARATUS FOR A DUAL-CHANNEL WEIGHTED LPOS COMBINING SCHEME□

(51) International classification :G11B 5/584

(31) Priority Document No :12/500,490

(32) Priority Date :09/07/2009

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

(86) International Application No :PCT/EP2□10/057678

Filing Date :02/06/2010

(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 :

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2)CHERUBINI Giovanni

3)HUTCHINS Robert Allen

4)SANDBERG Melanie Jean

(57) Abstract :

A method for monitoring a plurality of servo channels providing a finite state machine (FSM) comprising a single servo channel mode and a combined servo channel mode and moving a sequential information storage medium comprising a plurality of servo bands across a read/write head comprising a corresponding plurality of servo sensors. The method further asserts an acquisition flag by a servo channel if that servo channel is tracking a servo pattern and asserts a bit flag by a servo channel if a new LPOS bit is decoded. If at least one acquisition flag is asserted the method determines if a bit flag is asserted by a servo channel associated with said asserted acquisition flag and if an acquisition flag and a bit flag are asserted by a servo channel the method determines a relative positioning of each servo sensor with respect to an associated servo pattern.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.556/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : ARTICLE SURVEILLANCE SYSTEM

(51) International classification :G08B13/14
(31) Priority Document No :61/186,985
(32) Priority Date :15/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038739
Filing Date :15/06/2010
(87) International Publication No :WO 2010/148038 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)CLOTHIER, JOHN

3)GUITIERREZ, STEVE

4)HOTOVEC, RADIM

5)HOTOVEC, VLADIMIR

6)VCELKA, STANISLAV

7)KUCCHAR, MILAN

8)PTACEK, RADIM

(57) Abstract :

An electronic article surveillance (EAS) system comprising a combined plurality of surveillance systems that operate independent of and autonomous from each other and are physically located within pedestal systems having at least a first EAS system for detecting a magnetic EAS tag (which are immune to foil lined bags and other Faraday Shields) and magnetic detachers, a second EAS system for detecting Faraday shields, a third EAS for detecting acousto-magnetic EAS tags, and an anti-EAS jamming alarm mechanism. The EAS system of the present invention further includes a counter that counts the number of individuals entering into and exiting out of a secured area, and validate if an alarm is legitimate.

No. of Pages : 111 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION

(21) Application No.559/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR THE TRANSMISSION OF A SHORT MESSAGE IN AN EVOLVED PACKET SYSTEM PROVIDING AN INTERWORKING FUNCTION

(51) International classification	:H04W4/14
(31) Priority Document No	:09 009 912.8
(32) Priority Date	:31/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/004645
Filing Date	:29/07/2010
(87) International Publication No	:WO 2011/012305
	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)KARL HEINZ NENNER
2)DIETER JACOBSON

(57) Abstract :

The invention relates to a Core Network for the transmission of a short message in an Evolved Packet System (EPS) mobile radio access network, the Core Network (10) providing a SMS over SGs functionality, the Core Network (10) further comprising a Mobility Management Entity (MME) and a Short Message Service Center (SMSC), and the Core Network further comprising a unit providing an Interworking Function (IWF) for the handling of short messages such that the Mobile Switching Center (MSC) is bypassed with regard to the transmission and/or the reception of short messages with respect to a User Equipment (UE) having a data connection to the Evolved Packet System (EPS) mobile communication network, a direct communication is provided between the Mobility Management Entity (MME) and the Short Message Service Center (SMSC) via the Interworking Function (IWF).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.56/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND DEVICE FOR TRACKING BACKGROUND NOISE IN COMMUNICATION SYSTEM

(51) International classification	:G10L 15/20
(31) Priority Document No	:200910205300.2
(32) Priority Date	:15/10/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/077777
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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China.
(72)**Name of Inventor :**
1)WANG Zhe

(57) Abstract :

A method and device for realizing the trace of a background noise in a communication system is provided which belongs to the communication field. The method comprises calculating the signal-to-noise ratio of a present frame based on a voice frequency signal inputted (S1); if the signal-to-noise ratio of the present frame is not less than a first threshold accumulating a frame counter and calculating the tone characteristics and the signal stability characteristics of the present frame (S2); when the frame counter is accumulated to the length of a time window judging the probability of existing a noise interval in the time window (S3) according to the calculated tone characteristic values and the calculated signal stability characteristic values of each frame of the time window; ...

No. of Pages : 31 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.561/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : BUCKLE FOR SAFETY BELT OF VEHICLE

(51) International classification :B60R 22/18
(31) Priority Document No :10-2009-0103128
(32) Priority Date :29/10/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/0007471
Filing Date :29/10/2009
(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 :**
1)YOU, BYOUNG GAE
2)MOON, CHAN KI

(57) Abstract :

The present invention relates to a buckle for a safety belt of a vehicle equipped with a pendulum fixing member, capable of removing the intermittent noise caused by a pendulum when a passenger seat is empty in the vehicle so that the noise is intermittently generated by the pendulum in the buckle of the safety belt, and fixing the pendulum to prevent the pendulum from dangling even if the tongue of the safety belt is not coupled with the buckle by providing the pendulum independently from a button. More particularly, the present invention relates to a buckle for a safety belt equipped with an independent device, capable of controlling the operation of a pendulum independently from the operation of a button, removing noise caused by the operation of the pendulum by providing a pendulum fixing member to operate only when the button operates, stably supporting the pendulum together with an additional member, and preventing the button and other parts from being deformed or damaged by operating the pendulum independently from the button. A buckle for a safety belt of a vehicle includes a buckle cover fixing the buckle of the safety belt for the vehicle and protecting the buckle from an outside, a buckle frame allowing buckle parts from being installed in the buckle cover, a buckle button releasing a tongue from the safety belt for the vehicle after the tongue has been fitted into the buckle, a pendulum installed in the buckle to prevent the tongue of the safety belt from being released from the buckle, and a pendulum fixing member fixing the pendulum regardless of the buckle button even if the tongue of the safety belt is not coupled with the buckle to prevent the pendulum from dangling.

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.52/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : GENOTYPE SPECIFIC METHODS FOR TREATING HUMAN SUBJECTS USING 4-METHYLPYRAZOLE

(51) International classification :A01N 43/56

(31) Priority Document No :61/185,884

(32) Priority Date :02/01/2012

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

(86) International Application No :PCT/US2010/037879

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)DALEY Thomas E.

2)SQUIERS Elizabeth C.

3)YU Kin-Hung Peony

(57) Abstract :

Provided herein are methods of administering 4-methylpyrazole (4-MP) or physiologically acceptable salts thereof to subjects of genetic subpopulations expressing specific polymorphisms of the alcohol dehydrogenase and aldehyde dehydro - genase genes. Also provided herein are methods to prevent or ameliorate ethanol intolerance reduce or ameliorate symptoms associated with acetaldehyde accumulation accompanying ethanol consumption or reduce the risk of diseases or disorders caused by consumption of ethanol comprising administering 4-MP or physiologically acceptable salts thereof to subjects of these sub - populations

No. of Pages : 32 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.565/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : MODIFIED ZNO NANOPARTICLES

(51) International classification	:C09C1/04
(31) Priority Document No	:09163622.5
(32) Priority Date	:24/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058798
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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2)KARPOV Andrey

3)SCHAMBONY Simon

4)BEST Wolfgang

(57) Abstract :

Process for the preparation of modified zinc oxide nanoparticles which comprises reacting zinc oxide nanoparticles which are dissolved in a solvent in the presence of ammonia or amines with a tetraalkyl orthosilicate and optionally with an organosilane with the proviso that the reaction takes place at a content of less than 5% by weight of water based on the total amount of solvent and water. Modified zinc oxide nanoparticles which have Si-O-alkyl groups and are soluble in organic solvents obtainable by this process for the preparation. Liquid or solid formulations which comprise modified ZnO nanoparticles. Inanimate organic materials for example plastics or coatings which comprise modified ZnO nanoparticles. Method of stabilizing inanimate organic materials against the effect of light free radicals or heat where modified ZnO nanoparticles which optionally comprise UV absorbers and/or stabilizers as further additives are added to the materials.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.566/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : NONWOVEN SHEET MATERIAL PANEL CONSTRUCTED THEREFROM AND METHODS OF CONSTRUCTION THEREOF

(51) International classification	:D04H 3/14
(31) Priority Document No	:61/219,972
(32) Priority Date	:24/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039762
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

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2)FOY Christopher A
3)BRIGGS David
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(57) Abstract :

A nonwoven sheet material and method of construction thereof is provided. The nonwoven sheet material includes a heat bondable textile material and a used post consumer material. The used post consumer material includes at least one of a non- thermoplastic material thermoplastic material a plastic composition including different types of plastic constituents and other materials containing contaminants such as dirt oil grease and the like in a non-washed state which are ordinarily considered non-reusable waste. The used post consumer material is bonded with the heat bondable textile material to form the nonwoven sheet material and panels formed therefrom

No. of Pages : 16 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.567/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : SUPPORT PIN&NBSP; ILLUMINATION DEVICE&NBSP; DISPLAY DEVICE&NBSP; AND TELEVISION RECEIVING DEVICE

(51) International classification	:G10L 15/06
(31) Priority Document No	:2009-170329
(32) Priority Date	:21/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/055058
Filing Date	:24/03/2010
(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

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1)SHIMIZU Takaharu

(57) Abstract :

In a support pin (11) for supporting optical members (43 to 45) through which light from a LED (24) passes the portion of a top (14) which is in contact with a diffusion plate (43) is formed of a light reflective material and the portion of a column (12) which supports the top (14) is formed of a light transmissive material.

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.568/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : SECURE NETWORK&NBSP; CONNECTION ALLOWING CHOICE OF A SUITABLE SECURITY ALGORITHM

(51) International classification :H04W 12/02
(31) Priority Document No :0911118.8
(32) Priority Date :29/06/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/JP2010/061097
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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(57) Abstract :

The invention provides for a method for use in a mobile radio communications device network connection procedure and including the step of at a network sending to a mobile radio communications device a list of a plurality of security algorithms supported in the network and so as to allow choice of a suitable algorithm irrespective of the degree of update that the device may have experienced.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.569/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : CYLINDER HEAD GASKET

(51) International classification	:F02F 11/00
(31) Priority Document No	:61/219,916
(32) Priority Date	:24/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039744
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

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2)HU Jake

(57) Abstract :

A cylinder head gasket constructed in accordance with invention provides a reliable gas/fluid-tight seal between a cylinder head and cylinder block during assembly and maintains the seal during use without substantially losing the contact pressure provided by the gasket during assembly while in use. The cylinder head gasket includes a first functional layer having an opening bounded by an annular free edge. The first functional layer has a full bead and a half bead. The half bead is between the full bead and the free edge. The half bead extends in a first axial direction to a plateau portion and the full bead extends in a second axial direction opposite the first axial direction to a pea

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.57/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : A WHEEL□

(51) International classification	:B□9D 30/06
(31) Priority Document No	:09097□9.1
(32) Priority Date	:06/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050943
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

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1)ANDREWS M.

(57) Abstract :

A method of manufacturing a wheel (1) and a tyre (2) comprising the steps of providing a wheel and moulding a tyre to the wheel. A mould (13) may be placed over the wheel such that a cavity (14) is formed between an inner surface of the mould and a rim of the wheel for receiving material to form the tyre which may be in a liquid form and allowed to solidify in the mould to form a tyre attached to the wheel.

No. of Pages : 25 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.570/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : A STATION COMPRISING AT LEAST TWO TRANSMIT ANTENNAS&NBSP; AND A METHOD OF TRANSMITTING THEREFORM

(51) International classification	:H04B 7/06
(31) Priority Document No	:09290481.2
(32) Priority Date	:23/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/003633
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

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1)BAKER Matthew P. J.

(57) Abstract :

A method is provided of transmitting a plurality of signals from a primary station to a respective plurality of secondary stations said primary station comprising at least two transmit antennas wherein each of said plurality of signals is transmitted from a respective subset of said at least two transmit antennas to a respective secondary station in which each subset is selected at least according to a predetermined characteristic of the respective secondary station.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.571/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR PROVIDING CONTROL WIDGET AND DEVICE USING THE SAME

(51) International classification :H04B 1/40
(31) Priority Document No :10-2009-0078354
(32) Priority Date :24/08/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/005543
Filing Date :20/08/2010
(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)SUNG Ju-yun
2)CHOO Hee-jeong
3)LEE Keum-koo
4)KWAHK Ji-young

(57) Abstract :

A method for providing a control widget and a device using the same are provided. According to the method a control widget used for inputting a control command with respect to a controlled device is received and executed so that the inputted user command is transferred to the controlled device using the executed control widget. As a result a control widget to control the controlled device at a remote distance is conveniently received and installed on the device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5710/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/08/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : VOICE COIL FOR SPEAKER DEVICE, AND SPEAKER DEVICE

(51) International classification :H04R9/04
(31) Priority Document No :PCT/JP2009/053592
(32) Priority Date :26/02/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/062477
Filing Date :09/07/2009
(87) International Publication No :WO 2010/097974
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)HORIGOME, MINORU
2)ABE, YASUHISA
3)HIKICHI, TOSHIHIRO
4)KOBAYASHI, HIROYUKI
5)KATSUTA, TEMPEI
6)NAGASAWA, KODAI

(57) Abstract :

To provide a thin speaker device a voice coil itself is made thin and vibration of the voice coil is efficiently transmitted to a diaphragm. The voice coil is used for a speaker device in which the vibration in one axial direction of the voice coil is transmitted to the diaphragm via a rigid vibration direction converter part, and the diaphragm is vibrated in a direction different from the one axial direction. The voice coil is formed with planarly and annularly wound conducting member and has rigidity at least in the vibration direction along the planar direction.

No. of Pages : 128 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION

(21) Application No.573/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : SPRINGS AND SPRING ASSEMBLIES

(51) International classification	:A61M
(31) Priority Document No	:0911629.4
(32) Priority Date	:03/07/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001100
Filing Date	:03/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MICHAEL WILLIAM DADD
2)PAUL BRIAN BAILEY

(57) Abstract :

Various arrangements are disclosed based on springs formed from a plurality of individual resilient connected arms including a spring having a substantially planar form in an unloaded state and rotational symmetry of at least order two about a symmetry axis perpendicular to the plane of the spring. In an embodiment the plurality of resilient connecting arms connect an inner hub to an outer hub. In an embodiment the inner hub outer hub and each of the plurality of resilient connecting arms are formed as physically separate elements and are connected to each other during assembly to form said spring.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.562/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : ASYNCHRONOUS INTERFACE FOR MULTI-RADIO COEXISTENCE MANAGER

(51) International classification :G06F 13/38

(31) Priority Document No :61/229,626

(32) Priority Date :29/07/2009

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

(86) International Application No :PCT/US2010/043589

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)WIETFELDT Richard D.

3)CHRISIKOS George

(57) Abstract :

Systems and methodologies are described herein that facilitate an asynchronous bus architecture for multi-radio coexistence associated with a wireless device. As described herein a system of buses operating in an asynchronous manner combined with optional on-chip and/or other supplemental buses can be utilized to couple respective radios and/or other related endpoints to a coexistence management platform thereby facilitating management of coexistence between multiple radios in a unified and scalable manner. As further described herein communication between a coexistence manager and its respective managed endpoints can be facilitated through the use of a single bus or multiple buses that can be switched and/or otherwise operate in a concurrent manner to facilitate expedited conveyance of radio event notifications and their corresponding responses.

No. of Pages : 51 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.563/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYNCHRONOUS INTERFACE FOR MULTI-RADIO COEXISTENCE MANAGER

(51) International classification :H04L 12/40

(31) Priority Document No :61/229,621

(32) Priority Date :29/07/2009

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

(86) International Application No :PCT/US2010/043591

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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1)GRUBER Hans Georg

2)WIETFELDT Richard D.

3)CHRISIKOS George

(57) Abstract :

Systems and methodologies are described herein that facilitate a synchronous bus architecture for multi-radio coexistence associated with a wireless device. As described herein a system of buses operating in a synchronous manner combined with optional on-chip and/or other supplemental buses can be utilized to couple respective radios and/or other related endpoints to a coexistence management platform thereby facilitating management of coexistence between multiple radios in a unified and scalable manner. As further described herein communication between a coexistence manager and its respective managed endpoints can be facilitated through the use of a single bus or multiple buses (e.g. external buses on-chip and/or other internal buses etc.) that can operate concurrently and/or in an otherwise cooperative manner to facilitate expedited conveyance of radio event notifications and their corresponding responses

No. of Pages : 45 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.572/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR PLAY SYNCHRONIZATION AND DEVICE USING THE SAME□

(51) International classification :A63H
(31) Priority Document No :10-2009-0078326
(32) Priority Date :24/08/2009
(33) Name of priority country :Re□ublic of Korea
(86) International Application No :PCT/KR2010/005546
□ Filing Date :20/08/2010
(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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4)OH Hyun-joo
5)MOON Min-jeong
6)KWAHK Ji-young

(57) Abstract :

A method for play synchronization and a device using the same are provided. A first device stores time-based content play information. The first device plays content according to the time-based content play information. The first device transmits the time-based content play information to a second device so that the second device plays the content according to the time-based content play information. Accordingly the content played by one device can be played by another device concurrently.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.574/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : EFFICIENT CONTROL CHANNEL DECODING IN COMP COMMUNICATIONS

(51) International classification :H04L 1/18
(31) Priority Document No :61/230,077
(32) Priority Date :30/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044023
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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3)ZHANG Xiaoxia
4)WEI Yongbin
5)MONTJO Juan
6)LIU Ke

(57) Abstract :

Certain embodiments of the present disclosure propose two efficient designs for a control channel in a Coordinated Multi-Point (CoMP) system. The proposed designs enable a user equipment (UE) to transmit acknowledgement (ACK) and negative acknowledgement (NACK) signals to one or more access points (APs) upon receiving transmissions from them.

No. of Pages : 36 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.576/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : DEVICE METHOD AND SYSTEM FOR DETECTING MISSED CONFIGURATION OF NEIGHBOR CELLS AND CONFIGURING NEIGHBOR CELLS

(51) International classification :H04W 36/14
(31) Priority Document No :200910188621.6
(32) Priority Date :04/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074173
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)Rui TAO

(57) Abstract :

The present invention discloses a device method and system for detecting neighbor cell miss-matching and performing neighbor configuration so as to solve the existing problems that processing of the neighbor cell miss-matching is difficult errors occur easily the maintenance work load is heavy the efficiency is low etc. In the present invention a data analysis module searches the cells corresponding to the neighbor cell configuration based on call and handoff information and a neighbor cell configuration service module performs the neighbor cell configuration for the cells so as to implement the network optimization of neighbor cell miss-matching portions reduce the manual work load and increase the work efficiency of the network optimization.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.577/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR ESTIMATING A DEFECT IN AN IMAGE-CAPTURING SYSTEM AND ASSOCIATED SYSTEMS

(51) International classification :H04N 9/04
(31) Priority Document No :09 55075
(32) Priority Date :21/07/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/051395
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

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(72)Name of Inventor :

1)CAO Frdric

2)GUICHARD Frdric

3)NSEIR Ayham

(57) Abstract :

The invention relates to a method for estimating a defect in an image-capturing system (1) which produces with regard to any first image (I) representing any scene (S) a variation in the field of a characteristic of the first image having an order of magnitude that is statistically lower than a variation in the field of said characteristic added by the scene. The method comprises: calculating in at least a first portion of the field of the first image a measurement ($\mu(I)$) related to said characteristic of the first image; and obtaining in at least one second portion of the field of the first image an estimative magnitude (v) of said defect depending on the calculated measurement and having a variation having the same order of magnitude as the variation in the field of said characteristic of the first image produced by said defect.

No. of Pages : 40 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5866/CHENP/2007 A

(19) INDIA

(22) Date of filing of Application :19/12/2007

(43) Publication Date : 19/04/2013

(54) Title of the invention : A PROCESS FOR PRODUCING AN OPTICALLY ACTIVE CYCLOPROPANE COMPOUND

(51) International classification	:C07C233/18
(31) Priority Document No	:2003-030547
(32) Priority Date	:07/02/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP04/01133
Filing Date	:04/02/2004
(87) International Publication No	:WO/2004/069815
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2166/CHENP/2005
Filed on	:04/02/2004

(71)Name of Applicant :

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(72)Name of Inventor :

1)ITAGAKI, MAKOTO

2)MASUMOTO, KATSUHISA

(57) Abstract :

h process for producing an optically active cyclopropane compound represented by the formula (7): wherein the substituents are as described in the description.

No. of Pages : 104 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.589/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : SKINCARE COMPOSITIONS

(51) International classification	:A61K8/02
(31) Priority Document No	:0912481.9
(32) Priority Date	:17/07/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/051170
Filing Date	:19/07/2010
(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)BUCKLEY Carolyn

2)JACKSON Stuart

3)KILCULLEN Neil

4)PAVIS Diane Marie

(57) Abstract :

This invention relates to skincare compositions in particular compositions effective in the treatment of acne vulgaris and to methods of treatment of the skin that involve the application of such compositions wherein the compositions comprise salicylic acid or a salt thereof in combination with at least 2 actives selected from the group consisting of lactic acid or a salt thereof; glycyrrhizinic acid or a salt or derivative thereof; bisabolol; cetylhydroxyproline palmitamide; allantoin; niacinamide; and epilobium angustifolium extract.

No. of Pages : 41 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.59/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : PROVIDING A DENY RESPONSE THAT SPECIFIES A DELAY TIME

(51) International classification :H04W76/02
(31) Priority Document No :61/233,205
(32) Priority Date :12/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045338
Filing Date :12/08/2010
(87) International Publication No :WO 2011/019925 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)SINCLAIR, LORI

(57) Abstract :

A system receives, from a mobile station, a connection request that specifies a particular application type. In response to determining that the connection request is to be denied, the system sends a response denying the connection request to the mobile station, where the response includes a delay time that is applicable to the particular application type but not to another application type, and where the delay time indicates an amount of delay that the mobile station is to wait before re- sending another connection request.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.591/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : BATTERY CHARGE/DISCHARGE CONTROL APPARATUS

(51) International classification :B60L3/00
(31) Priority Document No :2009-151670
(32) Priority Date :25/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059264
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

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2)MARUNO Naoki
3)MATSUDA Tsuyoshi
4)FUJITA Yuji

(57) Abstract :

A battery charge/discharge control apparatus for a vehicle capable of driving an electric motor by a battery is provided. Temperature of the battery is detected temperature history distribution of the battery after start of temperature detection is calculated and a lifetime workload of the battery is calculated on the basis of this temperature history distribution of the battery. A permissible value of a workload increase rate indicating a workload to increase per unit distance is calculated on the basis of the lifetime workload of the battery and a travel distance of the vehicle. An actual workload increase rate of the battery is compared with the permissible value of the workload increase rate.

No. of Pages : 49 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.575/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DYNAMICALLY SELECTING SERVICE BEARER NETWORK

(51) International classification :H04W 36/14
(31) Priority Document No :200910225429.X
(32) Priority Date :10/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/077417
Filing Date :28/09/2010
(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

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2)Bo WANG
3)Yuan LI

(57) Abstract :

The present invention discloses a method and an apparatus for dynamically selecting a service bearer network. The method includes: presetting a preferred service bearer network and a condition of switching a service bearer network; monitoring a service bearer quality of the preferred service bearer network in real time; a media gateway receiving a signaling message from a user side; when determining that the signaling message is a first message of a call, judging whether a monitored service bearer quality of the preferred service bearer network meets the condition of switching service bearer network, and selecting a service bearer network for transmitting a service related to the signaling message based on a judgment result. The present invention dynamically selects the service bearer network by monitoring the service bearer quality of the service bearer network instead of simply using either the IP network or PSTN, thereby achieving the object of improving the service quality and the service success ratio.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.578/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : HAND-HELD MINIMALLY DIMENSIONED DIAGNOSTIC DEVICE HAVING INTEGRATED DISTAL END VISUALIZATION□

(51) International classification	:A61B 1/05
(31) Priority Document No	:12/501,336
(32) Priority Date	:10/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US□010/041502
Filing Date	:09/07/2010
(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)CYBULSKI James S.
3)OUYANG Xiaolong

(57) Abstract :

Hand-held minimally dimensioned diagnostic devices having integrated distal end visualization are provided. Also provided are systems that include the devices as well as methods of using the devices e.g. to visualize internal tissue of a subject.

No. of Pages : 97 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.590/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : POWER OUTPUT APPARATUS

(51) International classification	:B60W10/02
(31) Priority Document No	:2009-151669
(32) Priority Date	:25/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060402
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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2)KATO Shingo
3)SUNAGA Yoshihiro

(57) Abstract :

At least one of a state and a storage amount of a battery is detected and a battery output that can be outputted by the battery is calculated on the basis of it. A state of an electric motor is detected and at least one of electric motor torque and electric motor output that can be outputted from the electric motor and maximal torque of the electric motor are calculated on the basis of it. A state of an engine is detected and engine starting torque required to start the engine is calculated on the basis of it. An EV range in which the engine is cut off to be capable of driving with only the electric motor is set up on the basis of the calculated battery output at least one of the calculated electric motor torque and electric motor output and the calculated engine starting torque.

No. of Pages : 68 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.592/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : READILY ISOLATED BISPECIFIC ANTIBODIES WITH NATIVE IMMUNOGLOBULIN FORMAT

(51) International classification :C07K16/06

(31) Priority Document No :61/220,687

(32) Priority Date :26/06/2009

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

(86) International Application No :PCT/US2010/040028

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

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2)SMITH Eric

3)MACDONALD Douglas

4)OLSON Kara Louise

(57) Abstract :

A bispecific antibody format providing ease of isolation is provided comprising immunoglobulin heavy chain variable domains that are differentially modified in the CH3 domain wherein the differential modifications are non-immunogenic or substantially non-immunogenic with respect to the CH3 modifications and at least one of the modifications results in a differential affinity for the bispecific antibody for an affinity reagent such as Protein A and the bispecific antibody is isolable from a disrupted cell from medium or from a mixture of antibodies based on its affinity for Protein A.

No. of Pages : 45 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.594/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND DEVICE FOR SWITCHING FROM DUAL STREAM TO SINGLE STREAM IN UPLINK MIMO MODE

(51) International classification	:H04W28/10
(31) Priority Document No	:200910151997.X
(32) Priority Date	:15/07/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/074893
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)MA Xueli
3)LI Jing
4)HAN Chongyang

(57) Abstract :

Embodiments of the present invention provide a method for switching from a dual stream to a single stream in an uplink MIMO mode. The method includes: sending a scheduling command with a value of absolute grant being zero _ grant to a secondary data stream; and after a preset time since the scheduling command takes effect, sending a switching command that instructs a terminal to switch from an uplink MIMO dual stream to an uplink MIMO single stream. In the embodiments of the present invention, the scheduling command is sent first to control the communication terminal to stop sending new data in the secondary stream and only retransmit the data to be retransmitted; and then the switching command is sent a period of time later. In this way, when the communication terminal switches from the uplink MIMO dual stream to the uplink MIMO single stream, no data or only a relatively small amount of data exists in the secondary stream, which helps to reduce data loss, and meanwhile, to simplify the HARQ design for switching from an uplink MIMO dual stream to an uplink MIMO single stream.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.595/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD SYSTEM AND DEVICE FOR IMPLEMENTING TRANSMISSION OF BACKHAUL LINK CONTROL CHANNEL IN RELAY SYSTEM

(51) International classification :H04W16/10
(31) Priority Document No :200910139708.4
(32) Priority Date :23/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074214
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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(57) Abstract :

Disclosed by the present invention are a method system and device for implementing backhaul link control channel transmission in a relay system. The method includes: a Base Station (BS) allocates a dedicated resource area for a relay served by the BS itself; said BS according to the resource area allocated for said relay configures the control channel of said relay in the resource area corresponding to said relay; said relay detects the control information sent by said BS in the corresponding resource area which is allocated by said BS for said relay itself. The backhaul link control channel transmission problem in the Long Term Evolution-Advanced (LTE-A) relay system is solved by the present invention so that the relay can receive the control information sent by the BS in a larger range and the complexity of relay blind detection is reduced.

No. of Pages : 49 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.596/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : ROBUST DECODING OF COMP TRANSMISSIONS

(51) International classification :H04B7/02
(31) Priority Document No :61/230,068
(32) Priority Date :30/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044014
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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3)MONTJOJO Juan
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5)ZHANG Xiaoxia
6)WEI Yongbin

(57) Abstract :

Techniques for transmitting data and resource signals (RS) are provided. According to certain aspects an access point may determine RS resource locations related to one or more access points in a CoMP set transmitting a common reference signal (CRS) map data transmissions initially over resources other than those related to the RS resource locations and map remaining data transmissions over resources related to the RS resource locations. According to certain aspects a wireless device may receive a signal from access points in a coordinated multiple point (CoMP) communication set comprising a common reference signal (CRS) superimposed over data determine CRS locations in the signal that correspond to the CRS and decode data from the signal based at least in part on the determined CRS locations.

No. of Pages : 33 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.597/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : DETERMINING CONTROL REGION PARAMETERS FOR MULTIPLE TRANSMISSION POINTS

(51) International classification :H04L5/00
(31) Priority Document No :61/230,063
(32) Priority Date :30/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044008
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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(57) Abstract :

Systems and methodologies are described that facilitate determining control region parameters related to a plurality of carriers and/or coordinated multiple point (CoMP) access points. Wireless devices can receive control region parameters related to the carriers or CoMP access points from a serving access point over control channel resources. Additionally or alternatively wireless devices can assume all carriers or CoMP access points have substantially the same control region as indicated in a control format indicator channel from the serving access point or based on a configured value.

No. of Pages : 55 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.599/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : HIGHLY PURIFIED HUMAN MENOPAUSAL GONADOTROPINS METHOD FOR PREPARING AND USES THEREOF □

(51) International classification :C07K14/59
(31) Priority Document No :200910053274.6
(32) Priority Date :18/06/2009
(33) □ Name of priority country :China
(86) International Application No :PCT/CN2009/075277
Filing Date :03/12/2009
(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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6)JI Xiaoming

(57) Abstract :

Provided are a high specific activity human menopausal gonadotropin as well as preparation method and use thereof. The specific activity of said high specific activity menopausal gonadotropin is no less than 5000 FSH UI/mg protein. Also provided is a method of producing high specific activity human menopausal gonadotropin by using dye affinity chromatography.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :01/01/2008

(43) Publication Date : 19/04/2013

(54) Title of the invention : DUAL POLARISED ANTENNA WITH MULTILEVEL HYBRID BEAM FORMING NETWORK

(51) International classification

:H01Q13/10

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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4)RAJEEV JYOTI

5)DR. SOUMYA BRATA CHAKRABARTY

6)KARTIK BHALSOD

(57) Abstract :

The present invention relates to a hybrid beam forming network having a multilevel power distribution network for high power antenna system comprising a rectangular waveguide to a square coaxial line transition unit, a square coaxial to square coaxial line transition unit, a square coaxial to microstrip transition unit and a microstrip feed network. A dual polarized shaped beam antenna with a multilayer printed antenna comprising a first Layer having a C-flange Clamp, a T-flange Clamp and a plain flange, a second layer to provide the input through two waveguides WR159, a third layer having a covering plate for housing 1 x 4, a fourth layer 1 x 4 left inner conductor (4a) and 1 x 4 right inner conductor, a fifth layer having two housings for 1 x 32 square coaxial line by providing a four asymmetric 1 x 8 sections with two on each sides asymmetric to next pair, a sixth layer forming a coverplate bottom for the 1 x 64 housing formed from the fifth layer; and a feed network microstrip line , a lower patch layer , a Rohacell foam layer ,and an upper patch layer forming a microstrip feed network patch layer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND DEVICE FOR PROCESSING FAILURE OF MULTI-SPAN WORKING CHANNEL IN RING OPTICAL TRANSMISSION NETWORK

(51) International classification :H04B10/08
(31) Priority Document No :200910148740.9
(32) Priority Date :02/07/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/074146
Filing Date :23/09/2009
(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

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(72)Name of Inventor :
1)Sen FU

(57) Abstract :

The present invention discloses a method and device for processing an alarm in a ring optical transport network. The method comprises detecting alarm information in the ring network in real-time, and when generation of only an working ODUk alarm in the ring network is detected, performing a switching process of a 1+1 protection protocol on services carried on a working channel on which an alarm is generated; in the event that one working ODUk alarm has existed in the ring network, when generation of an alarm at a protection ODUk corresponding to the working ODUk on which the alarm has been generated is also detected, or when an optical multiplexed segment layer alarm is generated in the ring network, triggering a switching process of a channel shared protection protocol. The device comprises an alarm detection module and a switching triggering module. The present invention can perform the 1+1 protection for multiple ODUk services simultaneously, and provide the link separated channel shared protection in the case of protection resource failure, thereby greatly increasing the robustness of protection in the ring network topology.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.600/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : WIRELESS TRANSMISSION OF DATA USING AN AVAILABLE CHANNEL OF A SPECTRUM

(51) International classification :H04H20/61
(31) Priority Document No :61/226,608
(32) Priority Date :17/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042345
Filing Date :16/07/2010
(87) International Publication No :WO 2011/009088 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)VIJAYALAKSHMI R. RAVEENDRAN
4)YU A. WANG

(57) Abstract :

In general, this disclosure relates to techniques for transmitting data using one or more identified channels of a spectrum. One example method comprises identifying, with a first communication device, at least one channel currently available in a digital broadcast spectrum, and receiving, with the first communication device, data sent from a second communication device. The method further comprises transmitting the data from the first communication device in the at least one identified channel of the digital broadcast spectrum, wherein the transmitted data complies with a digital broadcast format.

No. of Pages : 73 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION

(21) Application No.601/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : OPTIMIZING DOWNLINK COMMUNICATIONS BETWEEN A BASE STATION AND A REMOTE TERMINAL BY POWER SHARING

(51) International classification	:H04W52/34
(31) Priority Document No	:61/223,148
(32) Priority Date	:06/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001042
Filing Date	:30/06/2010
(87) International Publication No	:WO 2011/003185 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)JUN YUAN
2)MO-HAN FONG

(57) Abstract :

A method of optimizing downlink for communications between a base station and mobile stations in a wireless communication system involves acquiring user identifiers and geometry values for mobile stations that are associated with registered users of the system, associating modulation control scheme (MCS) power values with respective users in response to respective geometry values, initializing a power pool, identifying users that have an MCS power value greater than a reference MCS power value as high power users and calculating a power difference for each of the high power users. The power difference is a difference between the geometry value associated with each of the high power users and a reference geometry value associated with the reference MCS power value respectively. The power differences associated with respective high power users are accumulated in the power pool, by summing the power differences. Users that have an MCS power value below the reference MCS power value are identified as low power users and increased geometry values are associated with at least some of the low power users while the power pool is reduced by corresponding amounts until the power pool is depleted. New MCSs are then determined for at least some of the low power users based on the increased geometry values and control information is transmitted to the low power users using modulation and control schemes identified by the corresponding new MCSs at power levels associated with the new MCSs.

No. of Pages : 54 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.593/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : TEXTURED TRANSPARENT PLATE AND METHOD FOR MANUFACTURING SUCH A PLATE

(51) International classification :H01L31/0236

(31) Priority Document No :0954908

(32) Priority Date :16/07/2009

(33) Name of priority country :France

(86) International Application No :PCT/EP2010/060199

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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1)SCHIAVONI Michele

2)GAYOUT Patrick

3)NOSITSCHKA Wolfgang Andreas

(57) Abstract :

This monolithic transparent plate (1) comprises on at least one of its faces (3) at least one region textured by a plurality of geometric features (5) in relief relative to a general plane (p) of the face (3) each feature having a cross section parallel to said general plane (p) which diminishes with distance from the face (3) from a base to a peak of the feature. According to the invention the area (S8) of the zones of the textured region (8) for which the inclination angle (a8) relative to said general plane (p) is less than 30° represents less than 35% of the total area (S1) of the textured region.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/01/2012

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : STIRRER SYSTEM

(51) International classification	:B01F7/00
(31) Priority Document No	:09009639.7
(32) Priority Date	:24/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/004520
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

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5)WALLERIUS Claus

(57) Abstract :

The present invention concerns a stirrer system for animal cell culture consisting of a combination of at least one radially-conveying stirrer element and at least one axially-conveying stirrer element wherein at least three stirrer elements must be present and the uppermost stirrer element is an axially-conveying stirrer element. The stirrer elements are arranged at a certain distance above one another on a stirrer shaft. A particular embodiment is a multiple stirrer system consisting of two disk stirrers as radially-conveying stirrer elements and an inclined-blade stirrer as an axially-conveying stirrer element wherein the inclined-blade stirrer is arranged above the disk stirrer on the stirrer shaft. The stirrer system according to the invention achieves among others a gentler and better intermixing in the culture of shear-sensitive mammalian cells in cell cultures.

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.610/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : ALBUMIN-FREE BOTULINUM TOXIN FORMULATIONS□

(51) International classification :A61K39/08

(31) Priority Document No :61/220,433

(32) Priority Date :25/06/2009

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

(86) International Application No :PCT/US2010/040104

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

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(57) Abstract :

This invention relates to botulinum toxin formulations that are stabilized without the use of any proteinaceous excipients. The invention also relates to methods of preparing and using such botulinum toxin formulations.

No. of Pages : 40 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.611/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PUMPING INTRAVENOUS FLUID

(51) International classification :A61M5/142

(31) Priority Document No :12/511,886

(32) Priority Date :29/07/2009

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

(86) International Application No :PCT/US2010/043588

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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1)ROBERT SIEFERT

(57) Abstract :

An intravenous fluid pump (IV) contains a disposable part including a fluid chamber having a resilient top membrane and a non-disposable part including a piston abutting a resilient membrane and a vacuum chamber fitted on top of the resilient top membrane. An external pump is used to create vacuum in the vacuum chamber resulting in the resilient top membrane being held taut. The flow rate through the pump is relatively independent of changes in the pressure of IV fluid on the upstream and the downstream due to changes in the relative elevation of the fluid reservoir and the patient with respect to the fluid pump.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.612/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : ELECTRICITY-GENERATING SUSPENSION SYSTEM FOR HYBRID AND ELECTRIC CARS

(51) International classification :B60G17/015
(31) Priority Document No :10 2009 060 999.7
(32) Priority Date :24/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2010/000727
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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(57) Abstract :

The invention relates to vehicles for transporting persons and/or goods which vehicles travel on roads or alternatively on rails and at least partially use electrical energy using electric motors as drive units wherein the electrical energy used is predominantly or substantially produced within the vehicle by converting kinetic energy in particular components of the kinetic energy that are caused on the vehicle bodywork as gravitation effects and components of the kinetic energy from curve centrifugal forces and acceleration motions of the vehicle body the vertical dynamic acceleration motions of the wheels and wheel suspensions and other components wherein the electrical energy generated in such away is temporarily stored in chemical energy stores (batteries) and/or other suitable storage media for example high-power capacitors or flywheel stores until the electricity is used in the vehicle drive motors and/or other loads.

No. of Pages : 64 No. of Claims : 69

(12) PATENT APPLICATION PUBLICATION

(21) Application No.613/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : ISOXAZOLES AS INHIBITORS OF FATTY ACID AMIDE HYDROLASE

(51) International classification :C07D261/02
(31) Priority Document No :61/179,285
(32) Priority Date :18/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/035309
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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9)PELUSO Stephane

10)SNYDER Daniel A.

11)TIBBITTS Thomas T.

(57) Abstract :

The present invention provides isoxazoline FAAH inhibitors of the formula (I): or pharmaceutically acceptable forms thereof wherein each of G Ra Rb Rc and Rd are as defined herein. The present invention also provides pharmaceutical compositions comprising a compound of formula (I) or a pharmaceutically acceptable form thereof and a pharmaceutically acceptable excipient. The present invention also provides methods for treating an FAAH-mediated condition comprising administering a therapeutically effective amount of a compound of formula (I) or pharmaceutically acceptable form thereof to a subject in need thereof.

No. of Pages : 367 No. of Claims : 86

(12) PATENT APPLICATION PUBLICATION

(21) Application No.626/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : SCALABLE INDEXING

(51) International classification :G06F17/30
(31) Priority Document No :61/269,633
(32) Priority Date :26/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039966
Filing Date :25/06/2010
(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

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(72)**Name of Inventor :**
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2)BEAVERSON Arthur J.

(57) Abstract :

Method and apparatus for constructing an index that scales to a large number of records and provides a high transaction rate. New data structures and methods are provided to ensure that an indexing algorithm performs in a way that is natural (efficient) to the algorithm while a non-uniform access memory device sees IO (input/output) traffic that is efficient for the memory device. One data structure a translation table is created that maps logical buckets as viewed by the indexing algorithm to physical buckets on the memory device. This mapping is such that write performance to non-uniform access SSD and flash devices is enhanced. Another data structure an associative cache is used to collect buckets and write them out sequentially to the memory device as large sequential writes. Methods are used to populate the cache with buckets (of records) that are required by the indexing algorithm. Additional buckets may be read from the memory device to cache during a demand read or by a scavenging process to facilitate the generation of free erase blocks.

No. of Pages : 55 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.627/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : PROCESS FOR PREPARING DECANECARBOXYLIC ACIDS

(51) International classification :C07C51/235
(31) Priority Document No :10 2009 027 978.4
(32) Priority Date :23/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/057157
Filing Date :25/05/2010
(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)KAIZIK Alfred
3)LUEKEN Hans-Gerd
4)BSCHKEN Wilfried

(57) Abstract :

The invention relates to a method for producing a mixture of isomeric decanecarboxylic acids in which the following steps are carried out: a) hydroformylation of a hydrocarbon mixture containing linear C4 olefins using a catalyst system that contains rhodium; b) aldol condensation of a mixture of aliphatic C5 aldehydes obtained in step a); c) selective hydrogenation of the mixture of unsaturated C10 aldehydes from step b) to obtain aliphatic C10 aldehydes; d) uncatalyzed oxidation of the mixture of aliphatic C10 aldehydes from step c) to obtain a mixture containing at least 70 percent by weight of 2-propyl heptanoic acid relative to the total amount of isomeric decanecarboxylic acids.

No. of Pages : 22 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.628/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : PROCESS FOR MANUFACTURING COMPOSITE MATERIALS

(51) International classification :B32B27/04
(31) Priority Document No :0911036.2
(32) Priority Date :26/06/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051052
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

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2)FISSET Emilie

3)TILBROOK David

4)MACKENZIE Paul

5)BLANC Isabelle

6)FIORE Lucien

7)TIZON Bernadette

(57) Abstract :

A process for the manufacture of a prepreg comprising feeding a layer of unidirectional conductive fibres having a defined width bringing into contact with a first face of the fibres a first layer of resin comprising thermosetting resin and compressing the resin and fibres together by passing over one or more impregnation rollers wherein the pressure exerted onto the conductive fibres and resin does not exceed 40 kg per centimetre of the width of the conductive fibres and the resin being in sufficient amount for the resin to enter the interstices of the fibres and leave a first outer layer of resin essentially free of unidirectional conductive fibres.

No. of Pages : 30 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6289/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SOAP DISPENSER

(51) International classification	:A47K5/12
(31) Priority Document No	:09101093.5
(32) Priority Date	:06/02/2009
(33) Name of priority country	:Hongkong(China)
(86) International Application No	:PCT/CN2009/072471
Filing Date	:26/06/2009
(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)SIU Siu Wai Sam

(57) Abstract :

A soap dispenser (1) comprises a hollow housing (2) which is composed of a displaceable liquid-squeezing plate (3) and a base plate (4) a liquid vessel (7) arranged in the housing (2) an air inlet valve (8) fixed at the end of the liquid vessel (7) a dispensing orifice (12) connected to the fore end of the liquid vessel (7) a vent outlet (11) arranged in said dispenser orifice. Wherein said liquid-squeezing plate is provided with a panel or frame (14) having a picture or characters thereon and said liquid-squeezing plate (3) and said base plate (4) are connected by a bolt (5) so that said liquid-squeezing plate is replaceable. A pattern or a commercial advertising can be inserted into a blank panel of the liquid-squeezing plate to prettify the appearance of the liquid-squeezing plate and provide an opportunity in regard to advertising.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.629/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : IMPROVEMENTS IN COMPOSITE MATERIALS

(51) International classification :B32B27/04
(31) Priority Document No :0911035.4
(32) Priority Date :26/06/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051051
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

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(72)Name of Inventor :
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2)FISSET Emilie
3)TILBROOK David
4)MACKENZIE Paul

(57) Abstract :

A prepreg comprising a structural layer of packed unidirectional conductive fibres comprising thermosetting resin in the interstices and a first outer layer of resin comprising thermosetting resin and being essentially free of unidirectional conductive fibres which when cured under elevated temperature produces a cured composite material comprising a cured structural layer of packed unidirectional conductive fibres and a first outer layer of cured resin comprising unidirectional conductive fibres dispersed within.

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6290/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : BABY FEEDING BOTTLE

(51) International classification	:F27D11/02
(31) Priority Document No	:09152464.5
(32) Priority Date	:10/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/US2010/023837
Filing Date	:11/02/2010
(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

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(72)**Name of Inventor :**
1)GEIJZENDORFFER Carolien Willemijn
2)VAN DER KOOI Johannes Tseard
3)DUINEVELD Paulus Cornelis

(57) Abstract :

A baby feeding bottle (1) is provided that comprises a wall member (4) having an inner surface (6) a bottom part (2) and an upper part (7). Further a temperature indicator (11) is provided. The inner surface (6) of the wall member (4) defines an internal space (10). The bottle (1) further comprises a thermally conductive element (13) that is thermally connected to the temperature indicator (11) and extends from the bottom part (2) to the upper part (7) of the wall member (4) along at least part of the inner surface (6) thereof. The thermally conductive element (13) has a surface area that is significantly smaller than the surface area of the inner surface (6) of the wall member (4).

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6291/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : AN INSERT FOR A DRINKING CUP

(51) International classification	:A47G19/22
(31) Priority Document No	:09152468.6
(32) Priority Date	:10/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/050467
Filing Date	:03/02/2010
(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

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(72)**Name of Inventor :**
1)BOWER Andrew C.
2)MAYNE Anthony J.
3)SMITH Peter J.

(57) Abstract :

An insert to limit the rate of flow of liquid from a drinking cup the insert comprising mounting means to locate the insert within a cup above a liquid contained therein but below a brim of said cup so that a peripheral edge of the insert is spaced a predetermined distance from an inner surface of a cup such that when a person drinks from the brim of a cup fitted with the insert the rate of flow of liquid to the brim is limited by the insert.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6292/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : LAMP

(51) International classification :F21S10/00

(31) Priority Document No :09152423.1

(32) Priority Date :10/02/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/050512

Filing Date :04/02/2010

(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

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1)PETERS Willem J.

(57) Abstract :

A lamp (100) comprises: at least one light-generating element (2); a partially transparent shade (5) arranged to surround the light-generating element (2) over an angle of at least 180° but preferably 360°; at least one LCD screen (10) arranged between the light generating element and the shade; a controller (20) for controlling the LCD screen such as to display an image. In horizontal cross-section the LCD screen extends in two dimensions with a concave side towards the light generating element. The LCD screen preferably is flexible and may be bent to a cylindrical shape around the light-generating element.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6293/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : MEDICAL VIEWING SYSTEM FOR DISPLAYING AN X-RAY IMAGE

(51) International classification :A61B6/06
(31) Priority Document No :09152466.0
(32) Priority Date :10/02/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/050547
Filing Date :08/02/2010
(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

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(72)Name of Inventor :
1)ROBERTS Johannes H.

(57) Abstract :

A medical viewing system comprises an X-ray source a collimator for limiting the X-ray radiation output of the X-ray source and a flat X-ray detector wherein the collimator is adjustable such that the subsequent X-ray images acquired by the X-ray detector comprise a rectangular shape with variably rounded corners. The acquired X-ray images have a shape which is in-between a circular shape and a rectangular or square shape. Acquired images with this shape may then be displayed on a display unit wherein the borders or the images are distant from the borders of the designated screen area of the display unit in order to define a gap on the display. On rotation of an acquired image the rounded corners move towards the borders of the screen and are dimensioned such that they never cross the borders of the display. The used area of the screen 30 is approximately 30% larger than that of a circular image, e.g. taken by means of an image intensifier.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6294/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR CONTROLLING THE ACCESS TO A NETWORKED CONTROL SYSTEM

(51) International classification	:H04L12/28
(31) Priority Document No	:09152475.1
(32) Priority Date	:10/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/050496
Filing Date	:03/02/2010
(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

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1)WENDT Matthias

(57) Abstract :

The invention relates to controlling the access to a networked control system such as a lighting control system or a home control system. According to an embodiment of the invention a system for controlling the access to a networked control system (10) wherein - devices (121-124) of the networked control system are connected to the same network (14) and are assigned to the same delimited space (16 18) - a transmitter device (20 22) transmits access information for the devices within the delimited space over a range restricted transmission channel (24 28) differing from the transmission channel(s) of the networked control system and in a manner that substantially limits the reception of the access information to the delimited space wherein the access information comprises an access identifier for obtaining access for controlling one or more of the devices in the delimited space and - a receiver device (26) receives the transmitted access information and controls a device assigned to the delimited space over the network (14) by using the access identifier contained in the received access information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6295/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : CARPET UNIT COMPRISING OPTICAL SENSOR

(51) International classification :D05C17/02
(31) Priority Document No :09152472.8
(32) Priority Date :10/02/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/050463
Filing Date :03/02/2010
(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

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(57) Abstract :

The invention provides a carpet unit comprising a laminate of a tufted primary backing layer providing a carpet unit top face an intermediate adhesive layer and a backing layer providing a carpet unit back face wherein the carpet unit is selected from the group consisting a carpet and a carpet tile wherein the carpet unit further comprises an optical sensor arranged to generate a sensor signal wherein seen from carpet unit top face the optical sensor is arranged behind the primary backing layer and wherein the carpet unit is arranged to transmit light from the carpet unit top face to the optical sensor.

No. of Pages : 55 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.63/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROTECTING INFORMATION AND RELATED ENCRYPTION KEYS

(51) International classification	:H04N7/16
(31) Priority Document No	:61/186,049
(32) Priority Date	:11/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/000461
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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(57) Abstract :

A system apparatus and method for protecting information are provided. Embodiments of the invention may detect inactivity related to a computing device. Information and encryption key may be removed from a memory. Subsequent activity may be detected. An authentication procedure may be performed and contingent on authenticating a relevant entity a master key may be generated and installed in a memory.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6305/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : RICH WEB SITE AUTHORIZING AND DESIGN

(51) International classification	:G06Q50/00
(31) Priority Document No	:12/404,238
(32) Priority Date	:13/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026700
Filing Date	:09/03/2010
(87) International Publication No	:WO 2010/104880 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MOHAN, BULUSU KRISHNA

(57) Abstract :

Embodiments described provide web site design features and functionality, but are not so limited. In an embodiment, a computing system includes a design component that can be used to author rich web site templates. A user can use and modify aspects of a web site template as a model for a particular web site or other use. In one embodiment, a computing system includes a design component that can be used to author web site templates and/or a studio component that can be used to interact with and modify aspects of a web site template in creating a customized web site. Other embodiments are available.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6312/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : CELLULAR WIRELESS NETWORK AND METHOD OF OPERATION

(51) International classification	:H04W4/22
(31) Priority Document No	:09290195.8
(32) Priority Date	:17/03/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/001671
Filing Date	:17/03/2010
(87) International Publication No	:WO 2010/105812
	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)SUDEEP KUMAR PALAT

(57) Abstract :

A method of operating a cellular wireless network comprises broadcasting information about Internet Multimedia Subsystem (IMS) emergency call capability of the network on a broadcast channel in a cell of the network. This information may in one method concern the IMS emergency call a ability of a base station included in the network and in another method it may include IMS emergency call capability of a base station and the core network.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6314/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : REPRODUCING DEVICE, REPRODUCING METHOD, RECORDING DEVICE, RECORDING METHOD, PROGRAM, AND DATA STRUCTURE

(51) International classification	:H04N13/04
(31) Priority Document No	:2009-056267
(32) Priority Date	:10/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/053424
Filing Date	:03/03/2010
(87) International Publication No	:WO 2010/103969
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

Disclosed are a reproduction apparatus, a reproduction method, a recording apparatus, a recording method, a program and a data structure which can rapidly read a plurality of files from a recording medium at the same time. A reproduction apparatus 22 continuously reads interleaved data from a disc 21 which records a file of an ISO base media file format. The file includes interleaved data which is physically and continuously recorded on the disc 21 by dividing each data stream of files B and D into interleave units and by interleaving the interleave units, and position information which indicates, using the interleave unit as a chunk of the ISO base media file format, the position of the interleave unit which forms the chunk. Further, the reproduction apparatus 22 de-interleaves the interleaved data into the interleave units of each of the files B and D, on the basis of the position information.

No. of Pages : 101 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/09/2011

(21) Application No.6315/CHENP/2011 A

(43) Publication Date : 19/04/2013

(54) Title of the invention : ASSOCIATION AND RESOURCE PARTITIONING IN A WIRELESS NETWORK WITH RELAYS

(51) International classification :H04W28/16
(31) Priority Document No :61/161,653
(32) Priority Date :19/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/028036
Filing Date :19/03/2010
(87) International Publication No :WO 2010/108134 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)AAMOD D. KHANDEKAR

(57) Abstract :

Techniques for performing association and resource partitioning in a wireless network with relays are described. In an aspect, resource partitioning may be performed to allocate available resources to nodes and access/backhaul links of relays. In one design, a node computes local metrics for a plurality of possible actions related to resource partitioning. The node receives local metrics for the possible actions from at least one neighbor node and determines overall metrics for the possible actions based on the computed and received local metrics. The node determines resources allocated to a set of nodes and resources allocated to the access and backhaul links of at least one relay based on the overall metrics for the possible actions. In another aspect, association involving relays may be performed by taking into account the performance of the relays. In yet another aspect, association and resource partitioning may be performed jointly.

No. of Pages : 54 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6316/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR HANDLING INCONSISTENT CONTROL INFORMATION IN A WIRELESS COMMUNICATION SYSTE

(51) International classification :H04W72/04
(31) Priority Document No :61/160,996
(32) Priority Date :17/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/027427
Filing Date :16/03/2010
(87) International Publication No :WO 2010/107754 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)JUAN MONTOJO

(57) Abstract :

Techniques for handling inconsistent control information in a wireless communication system are described. In an aspect, inconsistent control information is handled in different manners for the downlink and uplink. In one design, a user equipment (UE) receives a first grant with first control information for a first data transmission and also receives a second grant with second control information for a second data transmission. The UE determines that the second control information is inconsistent with the first control information, e.g., due to the two grants conveying different transport block sizes. The UE determines whether to retain or discard the second grant based on whether the two grants are for data transmissions on the downlink or uplink. In one design, the UE retains the second grant if the two grants are for data transmissions on the downlink and discards the second grant if the two grants are for data transmissions on the uplink.

No. of Pages : 33 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.606/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : CHIMERIC FACTOR VII MOLECULES

(51) International classification :A61K38/36

(31) Priority Document No :61/220,278

(32) Priority Date :25/06/2009

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

(86) International Application No :PCT/US2010/039934

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

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(57) Abstract :

The present invention relates to chimeric Factor VII polypeptides and methods of using the same.

No. of Pages : 75 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.607/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : PROCESS FOR PREPARING NEBIVOLOL

(51) International classification :C07D407/04
(31) Priority Document No :MI2009A001309
(32) Priority Date :23/07/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2010/004532
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

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1)COTARCA Livius
2)FOLETTTO Johnny
3)MARAGNI Paolo
4)SORIATO Giorgio
5)URBANI Daniele
6)VERZINI Massimo

(57) Abstract :

The present invention relates to a process for preparing Nebivolol and more in particular to a fractional distillation method of a mixture of stereoisomers of formula intermediates useful in the preparation of nebivolol.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6341/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : REPAIR NOZZLE

(51) International classification	:B05C17/005
(31) Priority Document No	:10 2009 011 178.6
(32) Priority Date	:04/03/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/065945
Filing Date	:27/11/2009
(87) International Publication No	:WO 2010/099840
	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)PLOTZITZKA, JOACHIM
3)MAIER, HANS-JORG
4)MOOSMANN, WERNER

(57) Abstract :

The present invention relates to a repair nozzle (100, 200) for dispensing viscous materials (315) that can be used in the automotive sector from a container (313) comprising said materials, by means of an associated dispensing gun (300) having a proximal product feed end (101, 201) comprising means (114, 211) for detachably fastening the repair nozzle (100, 200) onto the container (313) and at least one seal element (109, 115, 209, 212) for providing a sealing capability between the repair nozzle (100, 200) and the container (313).

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.635/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR RADIO LINK FAILURE RECOVERY

(51) International classification :H04W36/00

(31) Priority Document No :12/542,314

(32) Priority Date :17/08/2009

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

(86) International Application No :PCT/US2010/042560

Filing Date :20/07/2010

(87) International Publication No :WO 2011/022148 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)NARASIMHA, MURALI

2)KUCHIBHOTLA, RAVI

(57) Abstract :

A method (300) and apparatus (200) for radio link failure recovery is disclosed. The method may include detecting (320) the presence of intra-frequency neighbor base station (145) of a serving base station (135). The method may include determining (330) that a radio link parameter of an inter-frequency neighbor base station is better than a threshold. The method may include acquiring (350) system information of the inter-frequency neighbor base station if the intra-frequency neighbor base station is present and if the radio link parameter of the inter-frequency neighbor base station is better than the threshold

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6351/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR SETTING SHOT-PEENING PROCESS CONDITION

(51) International classification :B24C1/10
(31) Priority Document No :2009-050673
(32) Priority Date :04/03/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/051202
Filing Date :29/01/2010
(87) International Publication No :WO 2010/100984
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)YAMADA, TAKESHI
2)INOUE, AKIKO

(57) Abstract :

A method for setting shot-peening process condition includes a step of obtaining, for each of a plurality of peening conditions for a first combination as a combination of a shot peening processing apparatus and media, a saturation time based on a saturation curve indicating change in arc height value of Almen strip against projection time. The method includes a step of determining a first optimum peening condition corresponding to the first combination based on the saturation time.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.636/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR RADIO LINK FAILURE RECOVERY

(51) International classification :H04W76/02

(31) Priority Document No :12/542,339

(32) Priority Date :17/08/2009

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

(86) International Application No :PCT/US2010/042574

Filing Date :20/07/2010

(87) International Publication No :WO 2011/022149 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)NARASIMHA, MURALI

2)KUCHIBHOTLA, RAVI

(57) Abstract :

A method (300) and apparatus (200) for radio link failure recovery is disclosed. The method may include receiving (340), at a mobile station (110), an assignment of a random access preamble from a -first cell (140) for use in at least one potential reestablishment cell (150). The method may include determining (360) that a radio link failure has occurred after receiving the assignment of the random access preamble. The method may include transmitting (370) the random access preamble to one of the at least one potential reestablishment cells in response to determining that the radio link failure has occurred.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6374/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : COMMUNICATION SYSTEM AND INTERMITTENT RECEPTION METHOD

(51) International classification	:H04W52/02
(31) Priority Document No	:2009-053799
(32) Priority Date	:06/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/050609
Filing Date	:20/01/2010
(87) International Publication No	:WO 2010/100966
	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)YAMADA, SHOHEI
3)NAKASHIMA, DAIICHIRO
4)UEMURA, KATSUNARI

(57) Abstract :

An efficient discontinuous reception operation is provided for a mobile station device in Advanced-EUTRA. In a mobile station device connected to a base station device using a plurality of component carriers, during discontinuous reception, one discontinuous reception parameter is applied to all the component carriers used by the mobile station device to thereby perform the operation of monitoring a control channel in all the component carriers, and when the control channel addressed to the mobile station device is received in one or more component carriers during a reception ON period, the reception ON period is extended in all the component carriers.

No. of Pages : 56 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6385/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR PROVIDING A LOGICAL NETWORK LAYER FOR DELIVERY OF INPUT/OUTPUT DATA

(51) International classification	:H04L12/56
(31) Priority Document No	:61/161,101
(32) Priority Date	:18/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000389
Filing Date	:18/03/2010
(87) International Publication No	:WO 2010/105350 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)GREGORY WAINES

4)BRIAN NEIL BAKER

5)GUY MOUSSEAU

(57) Abstract :

A method for routing input/output (IO) data in a telecommunication system including a network node having a plurality of first integrated circuit (IC) cards, a plurality of second IC cards and a switching fabric, each second IC card connected to a corresponding first IC card in a respective slot of the network node as described. The method involves receiving the IO data at an external port of any of the plurality of first or second IC cards. When packets of the IO data are received at an external port of a given second IC card, the given second IC card performs a packet classification of the packets to at least in part determine a destination for the packets. A further step of the method includes delivering the packets to a first or second IC card destination according to the packet classification performed by the given second IC card via a logical network layer existing on the first and second IC cards and the switching fabric. A particular implementation includes use in an Advanced Telecommunication Computing Architecture (ATCA) system

No. of Pages : 57 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6389/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : APPARATUS AND METHODS FOR INTERCELL INTERFERENCE CANCELLATION VIA RNTI

(51) International classification :H04W72/08
(31) Priority Document No :61/162,187
(32) Priority Date :20/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/028040
Filing Date :19/03/2010
(87) International Publication No :WO 2010/108136 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)WANSHI CHEN
2)JUAN MONTOJO
3)ALEXEI GOROKHOV

(57) Abstract :

A method and system facilitate inter-cell interference cancellation in a wireless network. An RNTI component manages a set of radio network temporary identifiers (RNTIs) for a plurality of user equipment (UE). The RNTI component determines whether the UEs will likely cause interference with a neighboring cell and/or experience interference from a neighboring cell, based on a respective attribute of the UEs. The RNTI component includes a space splitting component that divides the set of RNTIs into at least two subsets based on the determination, and allocates a first group of the UEs that are determined to likely cause interference and/or experience interference to a first subset of the divided RNTIs, such that the UEs in the first group are allocated a corresponding one of the RNTIs among the first subset of RNTIs. An implicit broadcast component can implicitly broadcast the first subset of RNTIs to facilitate cancellation of interference possibly caused by the first group of UEs.

No. of Pages : 59 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION

(21) Application No.64/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND IMAGING SYSTEM FOR OBTAINING COMPLEX IMAGES USING ROTATIONALLY SYMMETRIC WIDE-ANGLE LENS AND IMAGE SENSOR FOR HARDWIRED IMAGE PROCESSING

(51) International classification :H04N5/262
(31) Priority Document No :10-2009-0061928
(32) Priority Date :08/07/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/004415
Filing Date :07/07/2010
(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)Gyeong-il Kweon

(57) Abstract :

The present invention provides a method for obtaining a composite image which performs a mathematically correct image-processing on images obtained by wide-angle lenses which are rotationally symmetrical with regard to an optical axis to achieve a desirable projection system. The present invention also provides a variety of imaging systems using the method. Further the present invention provides an image sensor which has an accurate arrangement of pixels to perform image processing using hardware without the need for image processing by software.

No. of Pages : 177 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6406/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING IDLE-MODE OPERATION USING MOBILITY INFORMATION

(51) International classification	:H0W68/04
(31) Priority Document No	:61/171,454
(32) Priority Date	:21/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/002495
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/123273 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)KIM, YONG HO
3)RYU, KI SEON

(57) Abstract :

A method and apparatus for performing a location update based on mobility information indicating a velocity of a Mobile Station (MS), and a method and apparatus for using a timer for a location update in a wireless access system are disclosed. The MS transmits a deregistration request message requesting initiation of idle mode to a first Base Station (BS), receives a dereg-istration command message including paging group information from the first BS, the paging group information including a primary paging group Identifier (ID) and primary paging offset of a primary paging group allocated to the MS, and a secondary pag-ing group ID and secondary paging offset of a secondary paging group allocated to the MS, and activates a paging group location update timer after moving from the primary paging group to the secondary paging group. The deregistration request message in-cludes first mobility information indicating a velocity of the MS and the paging group information is set based on the first mobility information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6421/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND DEVICE FOR AVOIDING INTERFERENCE CAUSED BY NON-SYNCHRONIZATION IN RELAY TDD SYSTEM

(51) International classification	:H04B7/00
(31) Priority Document No	:200910047402.6
(32) Priority Date	:11/03/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/075883
Filing Date	:23/12/2009
(87) International Publication No	:WO 2010/102500 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)ZHANG, XIAOBO
2)YOU, MINGLI

(57) Abstract :

The present invention provides a method and a device for eliminating interference in a wireless relay TDD system. Data is sent between a relay station and a base station by occupying time slots of guard period, thereby the interference caused by non-synchronization between the base station and the relay station is eliminated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6426/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : FLOOR CONSTRUCTION WITH VARIABLE GRADE OF RESILIENCE

(51) International classification :A47G27/02
(31) Priority Document No :09152811.7
(32) Priority Date :13/02/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/050551
Filing Date :08/02/2010
(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

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(72)Name of Inventor :
1)DATEMA Cornelis P.

(57) Abstract :

The present invention is related to a floor construction. To provide a floor that is able to serve the different aspects of the use and the user himself in particular to aspects related to longer standing periods a floor construction is proposed that comprises a resilient layer (12) with a variable resilience and an adapting surface (14) and means for varying the grade of resilience. In one exemplary embodiment the resilient layer (12) comprises a cavity structure with a number of cavities (18). The cavities (18) are filled with a medium (20) with a variable flexibility. The medium (20) is enclosed in a number of containers 22 with a flexible non-expandable envelope and the flexibility of the medium can be modified.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6427/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : ELECTRO MAGNETIC BALLAST FOR A GAS DISCHARGE LAMP

(51) International classification :H05B41/04

(31) Priority Document No :09152745.7

(32) Priority Date :13/02/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/050576

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

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(72)Name of Inventor :

1)BEIJ Marcel

2)MERTENS Rien M.

(57) Abstract :

An electro magnetic ballast (110) for a gas discharge lamp (2) comprises: - input terminals (3) for receiving a mains voltage; - lamp connector terminals (4) for receiving a lamp; - a controllable semiconductor switch (26) coupled in parallel to the lamp connector terminals; - a current sensor (127) connected in series with the controllable switch (26); - and a control circuit (28) for controlling the controllable switch (26) and responsive to the current sensor (127). When operating in a normal mode the control circuit (28) is responsive to a current sense signal received from the current sensor to switch the controllable switch (26) ON if said current sense signal indicates a current flowing in the controllable switch (26) and to switch the controllable switch (26) OFF if said current sense signal indicates that no current is flowing in the controllable switch (26).

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6433/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR COMMUNICATING IN A NETWORK COMPRISING A BATTERYLESS ZIGBEE DEVICE&NBSP; NETWORK AND DEVICE THEREFOR

(51) International classification	:H04L12/56
(31) Priority Document No	:09305141.5
(32) Priority Date	:13/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/050606
Filing Date	:10/02/2010
(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

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3)PASVEER Willem Franke

(57) Abstract :

The present invention relates to a method for wireless communication in a network comprising a resource-restricted end device (ZBLD) and at least one router device (R5) wherein the method comprises the following steps: - the end device (ZBLD) transmitting a data frame to be forwarded to a destination device in the network - the router device (R5) receiving the data frame - the router device associating a delay to the data frame and scheduling transmission of the frame after this delay in case the router device listening that the data frame has been forwarded by another router device cancelling the scheduled transmission of the data frame. The invention also relates to a router device and a network therefor

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6434/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR INTERACTIVE SKETCH TEMPLATE

(51) International classification :G06T7/00
(31) Priority Document No :12/339,707
(32) Priority Date :09/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/000243
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

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(57) Abstract :
Attached

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6439/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : GUIDEWIRE POSITIONING DEVICE

(51) International classification :A61M25/09

(31) Priority Document No :61/304,265

(32) Priority Date :12/02/2010

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

(86) International Application No :PCT/US1124784

Filing Date :14/02/2011

(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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1)GILL, SUKHJIT

(57) Abstract :

A guidewire positioning device and method for guiding and positioning a guidewire into a branch vessel of a main body vessel are disclosed. The device comprises a guidewire positioning tube attached to a torquable wire shaft. The distal end of the positioning tube is curved at an angle to the axis of the wire shaft. To position a guidewire into a branch body vessel, the guidewire is inserted into a main body vessel and the guidewire positioning device is advanced over the guidewire to the location of the bifurcation. The distal end of the positioning tube is positioned to point toward the targeted branch vessel by advancing or torquing the positioning device. The guidewire is advanced through the guidewire positioning tube and the curved distal end of the guidewire tube is used to direct the guidewire to enter the targeted branch vessel.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6440/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : GENERATION OF AN INDIVIDUAL GLYPH&NBSP; AND SYSTEM AND METHOD FOR INSPECTING INDIVIDUAL GLYPHS

(51) International classification :G06K9/20

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/044853

Filing Date :21/05/2009

(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

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(57) Abstract :

As Attached

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6444/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ACHIEVING CALL BACK SERVICE

(51) International classification :H04L12/14
(31) Priority Document No :200910105875.7
(32) Priority Date :03/03/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/073779
Filing Date :07/09/2009
(87) International Publication No :WO 2010/099681 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)XUESONG WEI
2)ZHIJUN ZHOU

(57) Abstract :

The present invention relates to a system and method for achieving a Call Back service. The system includes a callback center and an online charging system (OCS) module. The method includes: the callback center receiving a callback request in which a calling party and a called party are both OCS subscribers, using a roaming number to call the calling party/called party, adjusting the charging duration of the firstly called party therein after the conversation is over, and then notifying the OCS module to deduct charges for both parties. The present invention is capable of charging reasonably and displaying the number accurately without any requirement on the cooperation of the pre-charge calling system, and the present invention is suitable to the intelligent network service which uses the OCS and the conventional intelligent network service.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6448/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : RECEIVER APPARATUS, COMMUNICATION SYSTEM, RECEPTION METHOD AND COMMUNICATION METHOD

(51) International classification :H04L27/38
(31) Priority Document No :2009-030866
(32) Priority Date :13/02/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/052071
Filing Date :12/02/2010
(87) International Publication No :WO 2010/093012
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)KUBOTA, MINORU

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4)SUZUKI, HIROSHI

5)FUKAWA, KAZUHIKO

6)SUYAMA, SATOSHI

(57) Abstract :

A receiver apparatus 200 receiving a quadrature-modulated, modulated wave, includes: a real-zero signal generator 205 for adding a sinusoidal wave to the modulated wave to generate a real-zero signal; an in-phase and quadrature component detector 206 for extracting an in-phase component signal and a quadrature component signal from the real-zero signal; a real-zero sequence generator 207 for generating a real-zero sequence as a sequence of time points at which the in-phase component and quadrature component signals become zero; and a signal reconstruction unit 208 for reproducing the in-phase component and quadrature component from the real-zero sequence. With this, it is possible to provide a receiving apparatus etc. that enables decoding of a received signal with high precision even when sufficient linearity cannot be secured in the analog circuit of the receiver apparatus.

No. of Pages : 87 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.645/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONFIGURING A TRANSMISSION MODE FOR A BACKHAUL LINK TRANSMISSION

(51) International classification	:H04B7/14
(31) Priority Document No	:61/225,206
(32) Priority Date	:13/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/004555
Filing Date	:13/07/2010
(87) International Publication No	:WO 2011/008013 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
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2)LEE, MOON IL
3)HAN, SEUNG HEE
4)NOH, MIN SEOK

(57) Abstract :

Provided is a method for configuring a transmission mode for a backhaul link transmission in a radio communication system including a relay station. The method comprises: a step in which a base station transmits, to the relay station, a relay-physical downlink control channel (R-PDCCH) containing backhaul control information; and a step in which the base station transmits, to the relay station, a relay-physical downlink shared channel (R-PDSCH) containing backhaul data, wherein the R-PDCCH is transmitted in one transmission mode selected from a plurality of predetermined transmission modes, and a reference signal transmitted through the R-PDCCH for the demodulation of the R-PDCCH is determined in accordance with said selected transmission mode.

No. of Pages : 128 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6460/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : DEVICE AND METHOD FOR SCANNING LARGE-FORMAT DOCUMENTS

(51) International classification :H04N1/00
(31) Priority Document No :10 2009 011 945.0
(32) Priority Date :10/03/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/001271
Filing Date :02/03/2010
(87) International Publication No :WO 2010/102739
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)FRISCH, STEPHAN
2)KAMPFLEIN, SIMON
3)HILDERBRANDT, VICTOR

(57) Abstract :

An method for scanning large-format documents with a large-format scanner that is connected to a PC (11) via a standard interface (10), is to be further developed, so as to omit prescans, to optimize the scanning rate, to significantly increase productivity between the application of the document and the storage of the data on the PC, and to obtain cost-efficient scans, It is disclosed that upon inserting (1) the documents into the large-for-mat scanner a broadness detection (2) take place, depending on said broadness detection (2) areas at least one image detection element which are not required because said areas are not confronted with the document will be turned off (3) in order to reduce the band width of the scanned (7), the scanned data will be transmitted via the standards interface (10), a continous control of the maximum amount of data which can be transmitted takes place during data transfer (10) and depending on the control result the rate of the document feeding is affected.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6461/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHODS OF CREATING AND SCREENING DNA-ENCODED LIBRARIES

(51) International classification :C40B40/08
(31) Priority Document No :61/152,508
(32) Priority Date :13/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/024314
Filing Date :16/02/2010
(87) International Publication No :WO 2010/094036 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)WAGNER, RICHARD, W.

(57) Abstract :

The present invention features a number of methods for identifying one or more compounds that bind to a biological target. The methods include synthesizing a library of compounds, wherein the compounds contain a functional moiety having one or more diversity positions. The functional moiety of the compounds is operatively linked to an initiator oligonucleotide that identifies the structure of the functional moiety.

No. of Pages : 69 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6468/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : CARRIER TIMING FOR WIRELESS COMMUNICATIONS SYSTEMS

(51) International classification :H04L27/26

(31) Priority Document No :61/160,987

(32) Priority Date :17/03/2009

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

(86) International Application No :PCT/US2010/027551

Filing Date :16/03/2010

(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

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3)HOU Jilei

4)MOHANTY Bibhu P.

(57) Abstract :

Synchronization of uplink carriers for transmission is disclosed in accordance with different aspects. The uplink carriers that transmit information are configured such that at least one of the uplink carriers is an anchor carrier. When a plurality of carriers are thus configured for the uplink they are synchronized such that they bear a predetermined phase relationship with each other. The predetermined phase relationship between the plurality of carriers depends on the transmit timing of the anchor carrier or a combination of transmit timings of the anchor carrier and one or more non-anchor carriers comprised within the uplink carriers.

No. of Pages : 39 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6469/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : APPARATUS AND METHOD FOR ROUTE OPTIMIZATION FOR PROXY MOBILE INTERNET PROTOCOL VERSION SIX LOCAL ROUTING

(51) International classification	:H04W40/00
(31) Priority Document No	:61/156,609
(32) Priority Date	:02/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CN2010/070794
Filing Date	:27/02/2010
(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

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1)BEHCET Sarikaya

(57) Abstract :

An apparatus comprising a first mobile access gateway (MAG) associated with a mobile node (MN) and configured to send a proxy binding update (PBU) to a second MAG associated with a correspondent node (CN). An apparatus comprising at least one processor configured to implement a method comprising promoting transmission of a route optimization start request (ROStart Req) message to a MAG wherein the ROStartReq message requests route optimization between a MN and a CN and wherein the ROStart Req message comprises a MN-CN route optimization (RO) option. A system comprising a local mobility anchor (LMA) a first MAG coupled to the LMA and in communication with a MN and a second MAG coupled to the LMA and in communication with a CN wherein communications between the MN and the CN are routed through the first MAG and the second MAG without being routed through the LMA.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6470/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : NEMATODE-RESISTANT TRANSGENIC PLANTS □

(5□) International classification	:C12N15/82
(31) Priority Document No	:61/□61776
(32) Priority Date	:20/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/053606
Filing Date	:19/03/2010
(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

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(72)**Name of Inventor :**
1)WIIG Aaron
2)MCCAIG Bonnie

(57) Abstract :

The present invention provides expression vectors encoding double stranded RNAs that target certain plant genes required for maintenance of parasitic nematode infection nematode-resistant transgenic plants that express such double-stranded RNAs and methods associated therewith. The targeted plant gene is a GLABRA-like gene a homeodomain-like gene a trehalose-6-phosphate phosphatase-like gene an unknown gene having at least 80% homology to SEQ ID NO:16 a ringH2 finger-like gene a zinc finger-like gene or a MIOX-like gene.

No. of Pages : 79 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6471/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM FOR RECOVERING DATA FROM AN UNREADABLE TAG

(51) International classification :G06K17/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/038970

Filing Date :31/03/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

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(57) Abstract :

A system includes a population of items each including a tag each tag including a plurality of identification bits and a plurality of redundancy bits and a tag reader configured to read tags and determine the identification bits of at least one unreadable tag in the population based on the identification bits and the redundancy bits of at least one readable tag in the population.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.648/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : COLLAPSIBLE BOTTLE&NBSP; METHOD OF MANUFACTURING A BLANK FOR SUCH BOTTLE AND BEVERAGE-FILLED BOTTLE DISPENSING SYSTEM□

(51) International classification	:B65D6/10
(31) Priority Document No	:2009902936
(32) Priority Date	:21/06/2009
(33) Name of priority country	:Austra□ia
(86) International Application No	:PCT/AU2010/000774□
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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(57) Abstract :

The present invention concerns a double-skinned inflatable bottle blank and its method of manufacturing which comprises: (i) stacking two sheets of liquid impermeable flexible foil material preferably in coplappar arrangement; (ii) blanking the sheets to create respective preferably shape-congruent blanks having each a contoured perimeter edge; (iii) bonding the two blanks along joining seams that follow the contoured perimeter edges but for at one or more inflation locations thereby to define a double skinned blank into which an inflating fluid can be introduced through the inflation location; (iv) -additionally bonding the two blanks at a plurality of discrete stiffening seams which are arranged in a predetermined grid or pattern thereby defining a grid-work of intersecting inflatable stiffener structures in at least such part of the double

No. of Pages : 50 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6481/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : MODEL-BASED EXTENSION OF FIELD-OF-VIEW IN NUCLEAR IMAGING

(51) International classification :A61B6/03
(31) Priority Document No :61/152981
(32) Priority Date :17/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/050106
Filing Date :12/01/2010
(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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2)GEGENMANTEL Eike G.

(57) Abstract :

A CT imaging system (12) generates structural data of a first FOV which is reconstructed by a CT reconstruction processor (52) into a CT image representation (). A nuclear imaging system acquires functional data from a second FOV which is smaller than the first FOV. A first PET reconstruction processor (60) reconstructs the functional data into a PET image representation. A fusion processor (64) combines the PET image representation with a map extracted from the CT image representation to generate an extended FOV image representation. A spill-over correction unit (66) and a backscatter correction unit (68) derive spill-over correction data and backscatter correction data from the extended FOV image representation. A reconstruction processor (70) generates a spill-over and backscatter corrected functional image representation based on the spill-over correction data the backscatter correction data and the functional data.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6482/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : BIG BORE PET/MR SYSTEM

(51) International classification :G01R33/48

(31) Priority Document No :61/152984

(32) Priority Date :17/02/2009

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

(86) International Application No :PCT/IB2010/050108

Filing Date :12/01/2010

(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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(57) Abstract :

A nuclear detector module (24) is housed within an electrically conductive hollow resonator element (18) that is to be used in a combined MR and nuclear imaging unit. The resonator element has an inner face (26) which is radiation transparent facing an examination region (14) and a plurality of other faces (28) disposed facing and spaced from an RF screen (22).

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6483/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATIC CAPTURE AND ARCHIVE OF CLINICALLY MEANINGFUL VITALS

(51) International classification :A61B5/00
(31) Priority Document No :61/152979
(32) Priority Date :17/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/050109
Filing Date :12/01/2010
(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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4)ZONG Wei
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(57) Abstract :

Medical vital signs (110) are captured recorded processed and a signal quality assessment (160) is computed based on signal waveform components such as slope amplitude time to rise time at peak and degree to which signal peaks (420) and valleys (430). The signal assessment (160) may be used as a basis for rating the quality (130) of the underlying vital signal to increase the quality of the signal by removing noisy segments and physiologically impossible peaks (424) and valleys (434) to detect a parameter value (120) to label a waveform (140) or to prompt an alarm (550) to indicate the signal has reached a critical level and issue a warning to the user of the vital data. The signal and the assessment are stored in an indexed searchable data storage memory (590) from which the signals may be retrieved and displayed (300).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6484/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : FUNCTIONAL IMAGING

(51) International classification :G06T7/00
(31) Priority Document No :61/152986
(32) Priority Date :17/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/050113
Filing Date :12/01/2010
(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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(57) Abstract :

A method includes generating a kinetic parameter value for a VOI in a functional image of a subject based on motion corrected projection data using an iterative algorithm including determining a motion correction for projection data corresponding to the VOI based on the VOI motion correcting the projection data corresponding to the VOI to generate the motion corrected projection data and estimating the at least one kinetic parameter value based on the motion corrected projection data or image data generated with the motion corrected projection data. In another embodiment, a method includes registering functional image data indicative of tracer uptake in a scanned patient with image data from a different imaging modality, identifying a VOI in the image based on the registered images, generating at least one kinetic parameter for the VOI, and generating a feature vector including the at least one generated kinetic parameter and at least one bio-marker.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6485/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : COMBINING 3D IMAGE AND GRAPHICAL DATA

(51) International classification :H04N13/00
(31) Priority Document No :09152988.3
(32) Priority Date :17/02/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/050574
Filing Date :09/02/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
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Filing Date :NA

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(57) Abstract :

Three dimensional [3D] image data and auxiliary graphical data are combined for rendering on a 3D display (30). Scaling and/or shifting information is obtained for use with the 3D image data. The 3D image data is scaled and/or shifted in accordance with the scaling and/or shifting information respectively for creating a black bar spatial area which is not occupied by the scaled and/or shifted 3D image data. The scaled and/or shifted 3D image data and the auxiliary graphical data are combined such that the auxiliary graphical data is placed within the black bar spatial area.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6486/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : SENSING DEVICE FOR DETECTING A TARGET SUBSTANCE

(51) International classification :G01N21/27
(31) Priority Document No :09153105.3
(32) Priority Date :18/02/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/050553
Filing Date :08/02/2010
(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

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3)SCHLEIPEN Johannes J. H. B.

(57) Abstract :

The present invention relates to a sensing device (100) for detecting a target substance (2) in an investigation region (113). The sensing device (100) comprises a sensing surface (112) with an investigation region (113) and a reference region (120) thereon. The sensing device (100) further comprises a reference element (121) located at the reference region (120). The reference element (121) is adapted to shield the reference region (120) from the target substance (2) such that light reflected at the reference region (120) under total internal reflection conditions remains unaffected by the presence or absence of the target substance (2). This allows measuring a property typically the intensity of light reflected at the reference region (120) independent of the presence or absence of the target substance (2). This measured property of the reflected light can be used for performing an improved correction of light reflected at the investigation region (113).

No. of Pages : 35 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6487/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : TRANSFERRING OF 3D VIEWER METADATA

(51) International classification :H04N13/00
(31) Priority Document No :09153102.0
(32) Priority Date :18/02/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/050630
Filing Date :11/02/2010
(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

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1)VAN DER HEIJDEN Gerardus W. T.
2)NEWTON Philip S.
3)BENIEN Christian CB.
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(57) Abstract :

A system of processing of three dimensional [3D] image data for display on a 3D display for a viewer is described. 3D display metadata defines spatial display parameters of the 3D display such as depth range supported by the 3D display. Viewer metadata defines spatial viewing parameters of the viewer with respect to the 3D display such as viewing distance or inter-pupil distance. Source 3D image data arranged for a source spatial viewing configuration is processed to generate target 3D display data for display on the 3D display in a target spatial viewing configuration. First the target spatial configuration is determined in dependence of the 3D display metadata and the viewer metadata. Then the source 3D image data is converted to the target 3D display data based on differences between the source spatial viewing configuration and the target spatial viewing configuration.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6488/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : CPR DISPLAY FOR MONITOR/DEFIBRILLATOR WITH ASSISTED CPR

(51) International classification :A61H31/00
(31) Priority Document No :61/153417
(32) Priority Date :18/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/024345
Filing Date :17/02/2010
(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)FREEMAN Curtis

(57) Abstract :

A CPR device includes a CPR meter which is placed on the sternum of a patient and against which chest compressions are applied during CPR. The chest compressions are sensed by the CPR meter and this information is supplied to a display device for the display of the progress of CPR. A graphical display is provided which graphically illustrates the progress of CPR during a current CPR interval in either elapsed time or chest compressions delivered as compared with the total time of the CPR interval or the maximum number of chest compressions to be delivered. The display can be configured to display either elapsed time or chest compression count and the total number of compressions to be applied and the total duration of the CPR interval can be selectively configured.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6489/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : LIGHTING CONTROL NETWORK

(51) International classification	:H04L12/24
(31) Priority Document No	:09153231.7
(32) Priority Date	:19/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/050669
Filing Date	:15/02/2010
(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

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(72)**Name of Inventor :**
1)MCCORMACK James J. A.

(57) Abstract :

A control system (10) comprises: - a controlled device (15) controlled by a controller (30) having receiving means (34) for receiving command signals (40) and having a first second and third storage locations (31 32 33) for storing a personal ID or address (PID) network ID (NID) and the ID (RCID) of a remote control device respectively; - at least one user-operable remote control device (17) designed for transmitting command signals. A command signal comprises a target address code a network ID code a sender address code and a command code. Normally the controller only responds to control signals if target address code network ID code and sender address code match with the information in memory. The controller is capable of operating in a NO NETWORK mode (200) in which the controller responds to a reset command irrespective of target address code the network ID code and the sender address code.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6490/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : OUTPUT CURRENT SENSING METHOD IN DISCONTINUOUS DC-TO-DC VOLTAGE CONVERTER

(51) International classification	:H02M3/156
(31) Priority Document No	:09153212.7
(32) Priority Date	:19/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/050598
Filing Date	:10/02/2010
(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

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(72)**Name of Inventor :**
1)REXHAUSEN Wolfgang
2)BLEUKX Marc M. A.

(57) Abstract :

The present invention refers to high-voltage generators in particular to a step-down DC-to-DC converter circuit (buck converter) for supplying a DC output voltage U_{out} which may e.g. be used in a voltage supplying circuitry of an X-ray radiographic imaging system. According to the invention the peak value of the buck converterTMs storage inductor current I_L is controlled by a control circuit μC^{TM} which regulates the on-time of a semiconductor switch S in the feeding line of this storage inductor L . As a result thereof an output current sensor CS which is commonly used in todayTMs buck converter designs becomes redundant.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6491/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : COMPACT MOLDED LED MODULE

(51) International classification :H01L33/48

(31) Priority Document No :12/388525

(32) Priority Date :19/02/2009

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

(86) International Application No :PCT/IB2010/050524

Filing Date :04/02/2010

(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

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2)PHILIPS LUMILEDS LIGHTING COMPANY LLC.

(72)Name of Inventor :

1)RUDAZ Serge Laurent

2)BIERHUIZEN Serge

3)HAQUE Ashim Shatil

(57) Abstract :

A method of forming a light emitting diode (LED) module (68) molds an array of lens support frames (42) over an array of connected lead frames (44). LEDs (20 30) are bonded to the lead frame contacts (12 14) within the support frames. Molded lenses (48) are then affixed over each support frame and the lead frames are diced to create individual LED modules (68). In another embodiment the lenses (80) are molded along with the support frames (82) to create unitary pieces and the support frames are affixed to the lead frames (72) in the array of connected lead frames. In another embodiment no lenses are used and cups (15) are molded with the lead frames (16) so that the LED module (38) is formed solely of the unitary lead frame/cup and the LED. Since each LED enclosure is formed of only one or two separate pieces, and the modules are fabricated on an array scale, the modules can be made very small and simply.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.502/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : SECURE NETWORK CONNECTION

(51) International classification :H04W 36/00

(31) Priority Document No :0911117.0

(32) Priority Date :29/06/2009

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

(86) International Application No :PCT/JP2010/060595

Filing Date :16/06/2010

(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)JACTAT Caroline

2)ROGER Vincent

3)VALLEE Antoine

4)PRASAD Anand Raghawa

(57) Abstract :

The invention provides for a method for use in a mobile radio communications network connection procedure and including the step of rejecting at a mobile radio communications device a handover request from a network responsive to determination of support of the security algorithm associated with the handover and for a mobile radio communications device arranged to determine support of security algorithms as proposed by the network preferably at AS level within a handover command and to provide notification to the network of rejection of the connection due to non-support of the algorithm.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.504/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : POLYURETHANE ON THE BASIS OF SOFT THERMOPLASTIC POLYURETHANE

(51) International classification	:C08K 5/29
(31) Priority Document No	:09163511.0
(32) Priority Date	:23/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058763
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 :

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(72)Name of Inventor :

1)BOUDOU Marine

2)PRISSOK Frank

3)HENZE Oliver Steffen

4)BERTELS Alfons

(57) Abstract :

Polyurethane on the basis of soft thermoplastic polyurethane Abstract The invention relates to polyurethanes based on a thermoplastic polyurethane and an isocyanate concentrate having a functionality greater than 2 and less than 10 added to the thermoplastic polyurethane wherein the hard phase content of the thermoplastic polyurethane is in the range from 0% to 5% and the isocyanate concentrate is added in an amount of at least 2% by weight based on the polyurethane PU-1.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.534/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : BIOSYNTHESIS OF 1-ALKENES IN ENGINEERED MICROORGANISMS

(51) International classification	:C12P 5/00
(31) Priority Document No	:61/219,369
(32) Priority Date	:22/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039558
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)RIDLEY Christian P.
2)REPPAS Nikos

(57) Abstract :

The present disclosure relates to synthesis of various 1-alkenes including 1-nonadecene and 1-octadecene by the engineered microorganisms and methods of the disclosure. In certain embodiments the microorganisms comprise recombinant 1-alkene synthases. The engineered microorganisms may be photosynthetic microorganisms such as cyanobacteria.

No. of Pages : 127 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.62/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : HAIR DYEING AGENT&NBSP; HAIR DYEING PRODUCT COMBINATION&NBSP; AND ITS USE□METHOD□

(51) International classification :A61K8/368
(31) Priority Document No :200910139489.X
(32) Priority Date :24/06/2009
(33) Name of priority countr□ :China
(86) International Application No :PCT/CN2010/000938
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

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(72)Name of Inventor :
1)HU Liu
2)LAN Hongying
3)XUE Lian

(57) Abstract :

A hair dyeing agent a combination of the hair dyeing agent and a softener for dyeing hair and the method of using the combination are disclosed. The hair dyeing agent comprises a dye active a mordant active a stabilizer water and a carrier and/or an excipient. The dye active is selected from gallic acids salts and esters thereof and their combinations. The mordant active is a ferrous salt selected from ferrous sulfate ferrous chloride ferrous nitrate ferrous gluconate ferrous lactate and ferrous fumarate.

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6495/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : DELIVERING SECURE IPTV SERVICES TO PC PLATFORMS

(51) International classification	:H04N7/173
(31) Priority Document No	:12/407,810
(32) Priority Date	:20/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027091
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/107662 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)ORAN, R., DAVID

(57) Abstract :

To prevent theft of protected content when IPTV services are provided, a conditional access device (CAD) is connected to a personal computer (PC). An application is launched on the PC from the CAD over universal serial bus (USB) interface. The application configures the PC to allow a user to receive secure internet protocol television (IPTV) services. The conditional access device and an IPTV service provider determine user access to the IPTV services via a network by using a trusted computing base (TCB) on the CAD and keys stored on the CAD. The application decrypts and decodes the IPTV services using the processing and storage capability of the PC. The CAD also receives and processes remote control signals received from a remote control interlace. The remote control signals are requests or responses from the user interacting with the application. The application displays content requested by the user or indications of responses by the user via a user interface on the PC.

No. of Pages : 20 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6496/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : COMPOSITION COMPRISING ALKYL ESTER□

(51) International classification :C10L1/02
(31) Priority Document No :PA200900197
(32) Priority Date :11/02/2009
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2010/050□37
Filing Date :11/02/2010
(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

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(72)Name of Inventor :

1)KRAGH MLLER Kristian

2)PEDERSEN Per Henry

(57) Abstract :

Use of a composition comprising a base formulation of one or more alkyl esters of a C6- C16 carboxylic acid or mixtures thereof as a fuel composition is provided. The use of the fuel composition is specifically provided for use as a lamp fuel a lighter fuel and/or a fuel for cooking heating or cooling. Specifically use of a composition as a lamp fuel is provided wherein the composition comprises by weight 35-45% C8 methyl esters 25- 35% C10 methyl esters 15-25% C12 methyl esters and/or 5-15% C14 methyl esters. Also provided is a method for producing a fuel composition comprising the steps of a) providing a vegetable oil b) preparing alkyl esters of carboxylic acids comprised in said vegetable oil by esterification and/or transesterification, c) optionally isolating one or more of said alkyl esters of said carboxylic acids, wherein said alkyl esters of carboxylic acids comprised in said vegetable oil and/or said one or more isolated alkyl esters constitute said fuel composition

No. of Pages : 96 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6497/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : A MULTICARRIER TRANSMISSION METHOD AND APPARATUS□

(51) International classification :H0□W28/2□

(31) Priority Document No :61/154,025

(32) Priority Date :20/02/2009

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

(86) International Application No :PCT/SE2009/051178

Filing Date :16/10/2009

(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 :

1)KAZMI Muhammad

2)HU Rong

(57) Abstract :

A signaling mechanism is provided to indicate to the user equipment which mode is currently in use for uplink and/or downlink transmission in a system supporting different transmission modes of a multicarrier radio system such as a HSPA system or another radio system. Using such signaling a particular mode can be dynamically or semi-dynamically activated according to the need UE reported events or measurements BS measurements type of service DRX cycle in use etc.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.65/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : EXCITATION CIRCUIT FOR DC SENSORS

(51) International classification	:G01D18/00
(31) Priority Document No	:09/03338
(32) Priority Date	:07/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/059545
Filing Date	:05/07/2010
(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)GENESTE Nicolas

2)ESTEVE Gwenaél

(57) Abstract :

The invention provides a circuit for exciting at least one DC sensor, the circuit comprising a digital regulation controller connected to a main system and to a regulation loop, the main system comprising a DAC connected to the sensor via a non-inverted amplified path and via an inverted amplified path in order to send sensor excitation signals including a DC component in differential mode, the regulation system including an ADC connected to the amplified paths, the circuit including a monitoring system that is connected to the controller in parallel with the converter in order to send signals as a function of an AC component of the signals taken from the amplified paths, the digital controller being arranged to inject a sinewave in common mode into the excitation signals and to analyze signals output by the monitoring system and signals output by the ADC.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.650/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : AUTOMATIC TRANSMISSION PROVIDED WITH PLANETARY GEAR MECHANISM

(51) International classification	:F16H
(31) Priority Document No	:2009-069027
(32) Priority Date	:19/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KANNO, YOSHIHISA
3)YOSHIDA, YOSHIHIRO

(57) Abstract :

[Object] To reduce a cost by the reduction of the number of parts by sharing a thrust bearing that blocks the axial movement of element gears of planetary gear mechanisms in an automatic transmission provided with plural shift units each of which is equipped with the planetary gear mechanism. [Solution] The transmission M is provided with the one thrust bearing 46 pressed from mutually reverse directions in an axial direction by a sun gear 30 on which axial force F1b generated by the engagement of the sun gear 30 and a planet gear 41 of a carrier 40 respectively of a planetary gear mechanism P1 acts and a carrier 140 on which axial force F2b generated by the engagement of a ring gear 150 and a planet gear 141 of the carrier 140 respectively of a planetary gear mechanism P2 acts. The thrust bearing 46 is arranged between a pressing part 34 of the sun gear 30 and a pressing part 153 of the carrier 140 in the axial direction.

No. of Pages : 83 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6492/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : FOLDED SHEET ARTICLE AND METHOD OF MANUFACTURING THE SAME

(51) International classification :G09B29/04

(31) Priority Document No :0902150.2

(32) Priority Date :10/02/2009

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

(86) International Application No :PCT/GB2010/050193

Filing Date :08/02/2010

(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

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(72)Name of Inventor :

1)MCDONALD George

(57) Abstract :

A folded sheet article comprising a sheet material having a first set of folds defining segments of the sheet material and an electrically conductive pattern on a segment of the sheet material that does not extend across a fold in an unfolded state.

No. of Pages : 29 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6502/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : PROVIDING ACCESS TO A CONVERSATION IN A HOSTED CONVERSATION SYSTEM

(51) International classification :G06F15/16
(31) Priority Document No :61/162,642
(32) Priority Date :23/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/028269
Filing Date :23/03/2010
(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

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1)RASMUSSEN Jens Eilstrup
2)RASMUSSEN Lars Eilstrup

(57) Abstract :

A server system hosts a plurality of conversations each having an identified set of participants. For a respective conversation the server provides content of the conversation to the participants of the conversation. The server receives content from each of a plurality of participants of the conversation and transmits the received content to the other participants of the plurality of participants. Upon an additional participant being added to the conversation the server provides content of the conversation to the additional participant that includes all content provided to the identified set of participants and adds the additional participant to the identified set of participants.

No. of Pages : 79 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6503/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM AND METHD FOR□EDITING A CONVERSATION IN A HOSTED CONVERSATION SYSTEM□

(51) International classification :G06F15/16

(31) Priority Document No :61/162,642

(32) Priority Date :23/03/2009

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

(86) International Application No :PCT/US2010/028272

Filing Date :23/03/2010

(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

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3)MA Stephen

4)MAH Alexandre T.

(57) Abstract :

A server system hosts a plurality of conversations. For a respective conversation the server system receives units of content from respective participants in the conversation. The server system receives a sequence of edits to a respective content unit of the conversation from at least one participant other than an initial author of the content unit to produce a revised content unit. The server system stores a respective timestamp for each distinct edit in the sequence of edits to the content unit including distinct timestamps for at least first and second edits to the content unit. The server system updates the conversation with the revised content unit and automatically provides the updated conversation to the one or more server systems hosting conversations for the participants in the conversation.

No. of Pages : 78 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6504/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MERGING EDITS FOR A CONVERSATION IN A HOSTED CONVERSATION SYSTEM□

(51) International classification	:G06F15/16
(31) Priority Document No	:61/162,642
(32) Priority Date	:23/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028277
Filing Date	:23/03/2010
(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

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2)RASMUSSEN Lars Eilstrup
3)MA Stephen
4)MAH Alexandre T.

(57) Abstract :

A server system hosts a plurality of conversations. For a respective conversation the server system receives a first sequence of edits and a second sequence of edits to a respective content unit of the conversation from different participants of the conversation. The server system converts the first and second sequences of edits into respective first and second merged sequences of edits. The server system responds to a determination that the first merged sequence of edits and the second merged sequence of edits meet predefined conflict criteria by transforming the first and second merged sequences of edits. The server system sends the respective transformed sequences of edits to respective participants so that respective participants can apply either the first sequence of edits followed by the second transformed sequence of edits or applying the second sequence of edits followed by the first transformed sequence of edits to produce a same result.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6505/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : FREQUENCY DIVIDER WITH SYNCHRONIZED OUTPUTS

(51) International classification :G06F1/06
(31) Priority Document No :12/407,700
(32) Priority Date :19/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/027865
Filing Date :18/03/2010
(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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U.S.A.
(72)Name of Inventor :
1)QIAO Dongjiang
2)BOSSU Frederic

(57) Abstract :

A synchronized frequency divider that can divide a clock signal in frequency and provide differential output signals having good signal characteristics is described. In one exemplary design the synchronized frequency divider includes a single-ended frequency divider and a synchronization circuit. The single-ended frequency divider divides the clock signal in frequency and provides first and second single-ended signals which may be complementary signals having timing skew. The synchronization circuit resamples the first and second single-ended signals based on the clock signal and provides differential output signals having reduced timing skew. In one exemplary design the synchronization circuit includes first and second switches and first and second inverters.....

No. of Pages : 32 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6506/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : CASCODE AMPLIFIER WITH PROTECTION CIRCUITRY

(51) International classification	:H03F1/22
(31) Priority Document No	:12/407,729
(32) Priority Date	:19/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027868
Filing Date	:18/03/2010
(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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1)CASSIA Marco
2)SAHOTA Gurkanwal Singh

(57) Abstract :

A cascode amplifier (300) with protection circuitry is described. In one exemplary design the amplifier includes multiple branches coupled in parallel (310a 310b 310k) with at least one branch being switchable between on and off states. Each switchable branch includes a gain transistor (312) coupled to a cascode transistor (314). The gain transistor (312) amplifies an input signal and provides an amplified signal in the on state and does not amplify the input signal in the off state. The cascode transistor (314) buffers the amplified signal and provides an output signal in the on state. The output signal swing may be split between the gain transistor (312) and the cascode transistor (314) in both the on and off states

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.651/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : ELECTRONIC DEVICE

(51) International classification	:H04M1/02
(31) Priority Document No	:2009-171465
(32) Priority Date	:22/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062396
Filing Date	:15/07/2010
(87) International Publication No	:WO 2011/010713
	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)KURODA, JUN

(57) Abstract :

The objective of the present invention is to provide an electronic device in which sound ality of the sound radiated from a panel is changeable. An electronic device of the present invention comprises: an electronic-device body lich has a first sound hole that radiates a sound wave generated at a built-in vibration source; d a panel which has a second sound hole at the position corresponding to the first sound hole, d is attached to the electronic-device body: and the electronic-device body and the panel are Darated from each other in a predetermined area including the area where the first sound hole d the second sound hole are formed, and the cross section of the area where the first sound hole d the second sound hole overlap when the second sound hole is projected onto the first sound le is smaller than the cross section of the first sound hole.

No. of Pages : 33 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6526/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM AND METHOD OF TRANSMITTING AND RECEIVING DATA FRAMES

(51) International classification :H04W28/06
(31) Priority Document No :12/413,120
(32) Priority Date :27/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/028880
Filing Date :26/03/2010
(87) International Publication No :WO 2010/111628 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)AMOL RAJKOTIA

2)KRISHNAN RAJAMANI

3)OZGUR DURAL

4)SAMIR SOLIMAN

(57) Abstract :

A method of transmitting a data frame is disclosed and may include transmitting a preamble, transmitting a physical layer convergence protocol (PLCP) header, and transmitting a plurality of MAC protocol data units (MPDUs). Each MPDU may be configured to reset a convolutional decoder state after each MPDU. The method may also include transmitting an MPDU aggregation header. The MPDU aggregation header may include a count of packed MPDUs, an array of offsets, an array of lengths, a frame check sequence (FCS) for the MPDU aggregation header, a group of tail bits, or a combination thereof. Further, an end of the MPDU aggregation header may be aligned to an interleaved symbol boundary.

No. of Pages : 34 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6527/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : LOG COLLECTION DATA HARVESTER FOR USE IN A BUILDING AUTOMATION SYSTEM□

(51) International classification :H04L12/28
(31) Priority Document No :12/390,964
(32) Priority Date :23/02/2009
(33) Name of priority □ountry :U.S.A.
(86) International Application No :PCT/US2010/023758
Filing Date :10/02/2010
(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

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1)Sean McCOY
2)Shane GYDESEN
3)Chris MARKUS

(57) Abstract :

A building automation system (BAS) comprising a plurality of end devices at least one communication network and a server engine comprising a data harvester. The end devices are each associated with at least one of a space a system or a subsystem for at least a portion of a building or a campus. The communication network communicatively couples to at least a portion of the plurality of end devices to the server engine. In one embodiment the server engine is adapted to dynamically implement the data harvesting capability to periodically establish communications with to receive and store data about end devices and to selectively control the utilization of the communication network in order to prevent overrun or data loss. Methods of handling log collection from end devices in a building automation system (BAS) based upon a distributed schedule provided by a user or a priority scheme are also disclosed.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6510/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM&NBSP; METHOD AND APPARATUS FOR CAUSING A DEVICE TO ENTER AN ACTIVE MODE

(51) International classification	:G06F1/32
(31) Priority Document No	:09153267.1
(32) Priority Date	:20/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/050577
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

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(72)**Name of Inventor :**
1)ABERNETHY Simon G.
2)SINITSYN Alexander

(57) Abstract :

A device (7) is caused to enter an active mode by determining a coarse level of interest; determining a more refined level of interest in response to determining the coarse level of interest; and causing a device (7) to enter an active mode in response to determining the refined level of interest.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6511/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : DIMMABLE LIGHT SOURCE WITH TEMPERATURE SHIFT

(51) International classification	:H05B33/08
(31) Priority Document No	:09153274.7
(32) Priority Date	:20/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/050663
Filing Date	:15/02/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :GROENEWOUDSEWEG 1
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(72)**Name of Inventor :**
1)SAUERLANDER Georg

(57) Abstract :

An illumination device (1) comprises: -input terminals (2) for coupling to AC mains; -a LED string (10) connected in series with the input terminals; -a rectifier (30) having input terminals connected in series with the LED string; -a controllable voltage source (40) having input terminals coupled to the rectifier output terminals; -a series arrangement of at least one auxiliary LED (51) and a second ballast resistor (52) connected to the output terminals of the controllable voltage source. The voltage source comprises: a series arrangement of an adjustable first resistor (46) and a second resistor (47) connected in parallel to the input terminals; a tuneable Zener diode (49) connected in parallel to the output terminals having a control input terminal (48) connected to the node between the two resistors; wherein positive output terminal is connected to positive input terminal and negative output terminal is connected to negative input terminal.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6512/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : ULTRASONIC IMAGING WITH A VARIABLE REFRACTIVE LENS

(51) International classification :G01S7/52
(31) Priority Document No :61/154140
(32) Priority Date :20/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/050690
Filing Date :16/02/2010
(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

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(72)**Name of Inventor :**
1)BURCHER Michael R.
2)SHI Yan S.
3)ROBERT Jean-Luc

(57) Abstract :

The present invention relates to a method for producing an ultrasound image with a variable refractive lens (6) by transmitting a plurality of transmit beams (Tx1-Tx4) from an array of transducers (5) and receiving echo signals with the array of transducers (5) through the variable refractive lens (6) with an associated lens shape. By combining echo signals of receive lines from different transmit beams which are spatially related the invention enable producing an image using image data. The invention is beneficial for high frequency ultrasonic imaging with the transducers being relatively larger sized than hitherto needed for high frequency applications. The array of transducers does not need to be well-sampled; i.e. having the width or size being comparably to the center wavelength of the ultrasonic signals to be received. This is particularly important at very high frequencies where well-sampled arrays would require very small elements that would be very challenging to manufacture.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6513/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR BED HEIGHT ADJUSTMENT

(51) International classification :A61G7/012
(31) Priority Document No :09153276.2
(32) Priority Date :20/02/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/050696
Filing Date :16/02/2010
(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

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1)STADLTHANNER Kurt
2)BRAUERS Andreas
3)ECK Kai

(57) Abstract :

There is provided a control system for an adjustable height bed the adjustable height bed having a raised position and a lowered position the control system comprising an input for receiving signals from a sensor located in the adjustable height bed; and a processor for processing the received signals to determine the status of a user relative to the bed and for generating control signals for adjusting the bed to the raised position or to the lowered position on the basis of the determined status.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6514/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : MICROFLUIDIC SYSTEMS COMPRISING A RUBBER MATERIAL SUBSTRATE

(51) International classification	:B01L3/00
(31) Priority Document No	:09153280.4
(32) Priority Date	:20/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/050719
Filing Date	:18/02/2010
(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

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1)BECKERS Lucas J. A. M.
2)WOEN Remco V.
3)MAAS Joost H.

(57) Abstract :

The invention relates to a novel microfluidic system having a substrate based on rubber material having polar side groups which are linked to the rubber polymer backbone via a spacer. By doing so a transport of water-based fluids such as blood saliva etc. will occur by capillary forces.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6515/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : CODE SET DETERMINATION FOR A REMOTE CONTROL

(51) International classification	:H04N5/44
(31) Priority Document No	:09153521.1
(32) Priority Date	:24/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/050749
Filing Date	:19/02/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)HELLEMANS Lucas G. J.

(57) Abstract :

Universal Remote Controls are designed for controlling a large amount of appliances. Each of these appliances needs to be controlled by using codes of its own code set. For this reason Universal Remote Controls store multiple code sets so that they are able to control any of the appliances by using the corresponding code set. A method is described for determining the right code set to be used for controlling an appliance. Thereto the remote control sends one or more commands using the corresponding code of at least one of the multiple code sets to the appliance (3040). The code set to be used for controlling this appliance is determined based on at least a command sent to the appliance by a user of the remote control in reaction thereto (3070).

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6516/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD OF CONTROLLING A LIGHTING SYSTEM

(51) International classification	:H05B37/02
(31) Priority Document No	:09153492.5
(32) Priority Date	:24/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/050743
Filing Date	:19/02/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SCHOOFS Anthony R. A.
2)FUHRMANN Peter
3)AOUN Marc

(57) Abstract :

The present invention relates to a method of controlling a lighting system the lighting system being arranged as a wireless network comprising a controller and a plurality of operating nodes arranged to communicate with each other wherein the method comprises the steps of synchronizing the operating nodes with the controller determining from the plurality of operating nodes a set of operating nodes that are located within a predetermined operating area estimating a state-shift delay based on a maximum communication delay between the controller and the set of operating nodes located within the predetermined operating area communicating the estimated state-shift delay to the plurality of operating nodes and communicating a state-shift command to the plurality of operating nodes.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6517/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : ULTRASONIC VASCULAR FLOW SENSOR WITH TRIANGULAR SENSOR GEOMETRY

(51) International classification :A61B8/06
(31) Priority Document No :61/154844
(32) Priority Date :24/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/050613
Filing Date :10/02/2010
(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

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2)COHEN-SO-LAL Eric
3)RAJU Balasundara
4)FRASER John

(57) Abstract :

An ultrasonic blood flow sensor includes a plurality of adjacent triangular shaped transducer elements which transmit ultrasound waves into a blood vessel and receive reflected ultrasound waves from the blood flow in the vessel. Preferably the transducer elements are paired in pairs of transmit and receive elements. The elements are fixed in a matrix which may be attached in acoustic coupling contact with the skin. The matrix retains adjacent transducer elements slightly spaced apart so that the matrix of transducer elements may bend and conform to the shape of the skin surface. The spacing between the triangular elements is neither parallel nor orthogonal to the length dimension of the matrix so that a blood vessel will not be aligned with a space between transducer elements when the matrix is affixed across the location of a blood vessel. In addition the geometry of the elements creates a beam pattern that provide more overlap between transmit and receive beam profiles, thereby increasing the area of sensor coverage.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6518/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SIGNALING LAYER INFORMATION OF SCALABLE MEDIA DATA

(51) International classification	:H04N7/24
(31) Priority Document No	:12/415,576
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/000707
Filing Date	:29/03/2010
(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

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1)Jani Petteri Vare
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(57) Abstract :
Attached

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6519/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : A METHOD AND DEVICE FOR ALLOCATING SAME RESOURCE FOR A PLURALITY OF ENBS OF COLLABORATIVE MIMO

(51) International classification	:H04W72/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2009/000263
Filing Date	:12/03/2009
(87) International Publication No	:WO 2010/102424 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)WANG, HE
2)HU, ZHONGJI

(57) Abstract :

The present invention provides a method and device for allocating same resource for a plurality of eNBs of collaborative Multiple-input-Multiple-output (MIMO). Wherein a serving eNB firstly determines, in the one or more other eNBs, at least one candidate eNB recommended to cooperate with the serving eNB, according to measurement report reported by mobile stations or according to report information of the recommended candidate eNB reported by mobile station, then obtains resource related information of the at least one candidate eNB, then determines one or more collaborative eNBs from the at least one candidate eNB according to the resource related information, and allocates corresponding communication resources for the serving eNB and the one or more collaborative eNBs. The solution according to the present does not need to reserve special resource for collaborative MIMO, reduces waste of resource, and meets the requirement of resource for implementing collaborative MIMO by different serving eNBs flexibly, and increases the success rate of implementing collaborative MIMO.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6528/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : TRANSGENIC PLANTS WITH ALTERED REDOX MECHANISMS AND INCREASED YIELD

(51) International classification :C12N15/82

(31) Priority Document No :61/162,427

(32) Priority Date :23/03/2009

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

(86) International Application No :PCT/EP2010/053470

Filing Date :17/03/2010

(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

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(72)Name of Inventor :

1)MCKERSIE Bryan

(57) Abstract :

Polynucleotides are disclosed which are capable of enhancing yield of a plant transformed to contain such polynucleotides. Also provided are methods of using such polynucleotides and transgenic plants and agricultural products including seeds containing such polynucleotides as transgenes.

No. of Pages : 41 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6533/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR PERFORMING CONTENT SYNCHRONIZATION FOR DOWNLINK SERVICE DATA IN COLLABORATIVE MIMO AND APPARATUS THEREOF

(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/CN2009/000262
Filing Date	:12/03/2009
(87) International Publication No	:WO 2010/102423 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)WANG, HE
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3)HU, ZHONGJI

(57) Abstract :

A method for controlling, in collaborative MIMO of a wireless communication network, downlink service data in collaborative MIMO to perform content synchronization is provided in the present invention. The method comprises: performing, by a serving base station in the collaborative MIMO, data link layer processing on service data to be transmitted to a mobile station, so as to achieve a first data packet, and transmitting the first data packet to other collaborative base station(s) in the collaborative MIMO; thereafter, transmitting, by each base station (which may or may not include the serving base station) participating in transmitting data packets in the collaborative MIMO, the first data packet to the mobile station on the same time-frequency resource. With the technical solution of the present invention, it can be realized effectively that each base station in the collaborative MIMO transmits the same data to the mobile station on the same time-frequency resource. Namely, content synchronization of downlink service data in the collaborative MIMO can be realized.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.654/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : FLOATING COCKPIT MODEL

(51) International classification	:B64D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ARUN KUMAR CHANDRAN
(32) Priority Date	:NA	Address of Applicant :93/3, 3 CROSS STREET, GILL
(33) Name of priority country	:NA	NAGAR, CHOOOLAIMEDU, CHENNAI - 600 094. Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ARUN KUMAR CHANDRAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

By designing the cockpit as a floating mass (with an air cavity) with a streamline shape (resembling-the structure of an egg) in a pool of highly viscous, non-flammable, light weight, non-conducting fluid, the cockpit will experience lesser G-force than the body of plane (which is explained by the concept of viscosity of fluids and buoyancy in fluids). By this arrangement the mechanical connection between the cockpit and the body of plane is removed. The model consists of a floating cockpit 4 made of light weight, non corrosive material. The air cavity 2 is part of the cockpit The space between the body of the plane 5 and the cockpit 4 is filled with highly viscous, non-flammable, light weight, non-conducting fluid 6. The entire cockpit now floats in the pool of this fluid 6.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6541/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : DIGITAL FILTERING IN A CLASS D AMPLIFIER SYSTEM TO REDUCE NOISE FOLD OVER

(51) International classification :H03F3/217
(31) Priority Document No :12/407,238
(32) Priority Date :19/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/027876
Filing Date :18/03/2010
(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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U.S.A.
(72)Name of Inventor :
1)MIAO Guoqing
2)SIENKO Matt
3)BAZARJANI Seyfollah

(57) Abstract :

An improved power amplifier system is provided. The power amplifier system includes a programmable digital filter and a power amplifier each responsive to a plurality of frequency response settings and switching frequency settings respectively. Each frequency response setting and switching frequency setting is adaptively selected by a processor device to match a bandwidth of an incoming audio signal. The processor device identifies the current bandwidth of an incoming audio signal and adaptively selects a switching rate setting and a frequency response setting based on the current bandwidth. The frequency response setting is selected so as to reduce noise fold over in the power amplifier for a corresponding bandwidth sampling rate setting and switching frequency setting.

No. of Pages : 26 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6520/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : ANTENNA SYNCHRONIZATION FOR COHERENT NETWORK MIMO

(51) International classification	:H04B7/26
(31) Priority Document No	:09003607.0
(32) Priority Date	:12/03/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/052887
Filing Date	:08/03/2010
(87) International Publication No	:WO 2010/102969
	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)MAYER, HANS-PETER
2)SCHLESINGER, HEINZ

(57) Abstract :

The invention relates to a method for synchronizing RF antenna signals (5a to 5i) of a plurality of RF antenna sites (3a to 3i) arranged at different locations of a radio transmission system (1b), the method comprising; generating a reference signal (7) in a reference oscillator (6) located at a central unit (2) of the radio transmission system (1b), transmitting the reference signal (7) as an optical fiber links (9a to 9i) and using the transmitted reference signal (7) for synchronizing the RF antenna signal (5a to 5i) of the different RF antenna sites (3a to 3i).The invention also relates to a radio transmission system (1b).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6545/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS TO ENABLE MULTIPLE NEIGHBOUR ACCESS POINTS PREPARATION FOR HANDOVER ROBUSTNESS

(51) International classification	:H04W36/18
(31) Priority Document No	:61/165,842
(32) Priority Date	:01/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029711
Filing Date	:01/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)PRAKASH Rajat
2)AGASHE Parag Arun
3)ULUPINAR Fatih

(57) Abstract :

Systems and methods are disclosed to enable multiple neighbour base stations or access points (APs) preparation for handover robustness. The systems and methods include generating a handover request message at a source base station (BS) for user equipment (UE) if the UE detects at least one neighbour BS. The handover request message may include a handover imminent flag. The handover request message is transmitted to the neighbour BS wherein if the handover imminent flag indicates that the handover is not imminent the neighbour BS does not reserve a radio network temporary identifier (RNTI) for the UE.

No. of Pages : 44 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6546/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : A SUPPORT MEMBER WITH A SQUEEZE TO USE BOTTLE OF GEL/LIQUID

(51) International classification :B65D23/00

(31) Priority Document No :0902297.1

(32) Priority Date :12/02/2009

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

(86) International Application No :PCT/EP2010/051822

Filing Date :12/02/2010

(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

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1)GORDON Michael John

(57) Abstract :

The invention relates to a support member and dispensing container assembly designed for a squeeze to use dispensing container. A support member 31 which rigidly attaches to a support structure like a wall has a releasable attachment means 34 into which a free standing squeeze to use dispensing container for gels or liquids 1 can be inserted to releasably hold the container 1 to form a rigid connection whereby the dispensing aperture 3 of the dispensing container 1 faces downwards.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6547/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SECURING NETWORK COMMUNICATIONS

(51) International classification	:H04L29/06
(31) Priority Document No	:0903714.4
(32) Priority Date	:04/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050313
Filing Date	:24/02/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
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(72)**Name of Inventor :**
1)Michael Ian HAWKES

(57) Abstract :

A verifier (20) for verifying the authenticity of a communication sent via a communications network from a first network component (10) to a second network component (1000) including input means/apparatus arranged for receiving via the communications network an encrypted communication from a said first network component. The verifier has key means/apparatus operable to issue to a said second network component a key associated with the first network component on condition that the verifier has verified the encrypted communication to be decryptable using said key thereby to enable the second network component to decrypt encrypted communications from the first network component sent independently of the verifier apparatus.

No. of Pages : 46 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6548/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : INTEGRATED SYSTEM AND METHOD FOR ENABLING MOBILE COMMERCE TRANSACTIONS USING CONTACTLESS IDENTITY MODULES IN MOBILE HANDSETS

(51) International classification :G06Q20/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/024242
Filing Date :15/02/2010
(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

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(57) Abstract :

The invention relates to a smart integration of dual Architecture Contact-less SIM into mobile devices and describes the method of performing various economic transactions more efficiently using a smart and interactive poster device.

No. of Pages : 21 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6549/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR ELIMINATION OF GRAM-NEGATIVE BACTERIA□

(51) International classification :A61K31/357

(31) Priority Document No :61/160,162

(32) Priority Date :13/03/2009

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

(86) Internat□onal Application No :PCT/EP2010/053231

□ Filing Date :12/03/2010

(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

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3)LESCURE François

(57) Abstract :

Oral drug delivery formulations which specifically administer antibacterial agents to the ileum caecum and/or the colon without significant administration elsewhere in the gastrointestinal tract are disclosed. The formulations include as actives a combination of a macrolide or aminoglycoside or quinolone antibacterial and an anti-Gram-negative lipopeptide (polymyxin) antibacterial agent or other peptide antibacterials effective against Gram-negative bacteria. The formulations can be used to treat infections or unwanted colonization in the colon and to provide effective decontamination of the colonic flora from unwanted or potentially pathogenic bacteria.

No. of Pages : 73 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.539/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : INTERCONNECTING EARPHONES

(51) International classification	:H04R1/10
(31) Priority Document No	:12/546,328
(32) Priority Date	:24/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045905
Filing Date	:18/08/2010
(87) International Publication No	:WO 2011/025700 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)NAULT, BRAD

(57) Abstract :

Various embodiments are directed to earphones, earphone assemblies, and methods of using the same. Further, these embodiments provide earphones that can releasably interconnect in a compact configuration that also reduces the likelihood that the earphone wires or cords will become entangled. By way of example, in at least one embodiment, an earphone can comprise a housing including a channel defined therein and a wire stem extending from the housing. The channel may be sized and configured to releasably retain a wire stem portion from another earphone. These and other various embodiments are described herein.

No. of Pages : 24 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.54/CHENP/2012 A

(43) Publication Date : 19/04/2013

(54) Title of the invention : DEVICE FOR HUMIDIFYING A BULK COMMODITY

(51) International classification :F16L 55/24
(31) Priority Document No :20 2009 007 971.6
(32) Priority Date :08/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/000281
Filing Date :19/01/2010
(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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2)DEIMEL Dominik
3)GREISER Carsten

(57) Abstract :

The invention relates to a device for humidifying a bulk material (11) particularly for humidifying power plant filter ash. The device comprises a downpipe (14) at the upper end of which there is formed an inlet (13) through which the bulk material (11) enters the downpipe (14) and at the lower end of which there is formed an outlet (16) through which the bulk material (11) leaves in a humidified state. According to the invention a plurality of water nozzles (20 31) are arranged on a first plane (17) in the downpipe (14) and a plurality of water nozzles (20 31) are arranged on a second plane (18) in the downpipe (14). The water nozzles (20 31) of the first plane (17) are arranged offset at an angle to the water nozzles (20 31) of the second plane (18). With the device according to the invention the bulk material can be humidified effectively and deposits of the bulk material can be removed from the downpipe. The invention also relates to a corresponding method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.540/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : FLEXIBLE LAMINATED PACKAGING WITH RECLOSABLE OPENING FEATURE AND METHOD FOR MAKING SAME

(51) International classification	:B32B38/04
(31) Priority Document No	:0911823.3
(32) Priority Date	:08/07/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001306
Filing Date	:08/07/2010
(87) International Publication No	:WO 2011/004156 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)CHEEMA, PARBINDER

(57) Abstract :

A packaging wrapper (14) is made of malarial (48) having inner (50) and outer (52) laminate structures bonded together. A peelable flap (24) is defined in the wrapper by means of offset score lines (54, 56) in the laminate structures, the structures being bonded together in a marginal region between the score lines by means of a peelable adhesive (60). In. one aspect of the invention, the score lines (54, 56) are formed using a pair of contra-rotating die cylinders (80,82, Fig. 8) positioned on opposite sides of the laminated film. Each cylinder contacts a respective laminate structure and has a blade (86, 88) for forming a score line in that structure. In another aspect, the laminate structures (50, 52) are bonded together using a single peelable adhesive (60) both within and outside of the marginal region. In a further aspect, the structures (50, 52) are not bonded together in at least part of the marginal region to provide a lifting tab (46) for the flap.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.656/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : LIGHT SOURCE APPARATUS&NBSP; IMAGE DISPLAY APPARATUS AND TELEVISION RECEIVING APPARATUS

(51) International classification :F21S2/00
(31) Priority Document No :2009-151443
(32) Priority Date :25/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/060885
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

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6)KATSUKI Masaya
7)SHINOHARA Katsumi

(57) Abstract :

A light source apparatus an image display apparatus and a television receiving apparatus are provided which can electrically connect boards with each other even if the boards are separated from each other by more than or less than a predetermined distance. In a light source unit in which plural LEDs are aligned on one surface of a LED board 2 plural stoppers 20 are arranged at another surface 2b of LED board 2 to stop the stopper 20 at stop slits 63 63 | 63 of a support member 6 which is to hold the light source unit and to hold the light source unit to be slidable along one surface of the support member 6.

No. of Pages : 156 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6542/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEMS&NBSP; APPARATUS AND METHODS FOR INTERFERENCE MANAGEMENT IN WIRELESS NETWORKS

(51) International classification :H04W24/02
(31) Priority Document No :61/161,643
(32) Priority Date :19/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/028056
Filing Date :19/03/2010
(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

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3)RANGAN Sundeep

(57) Abstract :

Systems apparatus methods and computer program products are provided. In some embodiments a method for facilitating interference management in an unplanned wireless communication system is provided. The method can include a non-serving base station(310A 310B) : determining information about a user equipment (320A) wherein the user equipment is served by a serving base station (360); and employing determined information about the user equipment to perform interference management at a non-serving base station (310A 310B). The method can also include the non-serving base station syn chronizing to the user equipment using information indicative of uplink slot configurations being used by the user equipment. The method can also include the non-serving base station performing interference management on the user equipment served by the serving base station.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6544/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEMS&NBSP; APPARATUS AND METHODS FOR INTERFERENCE MANAGEMENT IN WIRELESS NETWORKS

(51) International classification	:H04W24/02
(31) Priority Document No	:61/161,643
(32) Priority Date	:19/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028054
Filing Date	:19/03/2010
(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

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2)RANGAN Sundeeep

3)BACHU Raja S.

(57) Abstract :

Systems apparatus methods and computer program products are provided. In some embodiments a method for facilitating interference management in an unplanned wireless communication system is provided. The method can include a non-serving base station (320A) obtaining information about a user equipment (310A 310B) served by a serving base station (360); and determining signal information based at least in part on the information. The method can also include the non-serving base station disallowing access to the user equipment due to restricted access rules for the non-serving base station. The method can also include the non-serving base station (310A 310B) performing interference management of the user equipment served by the serving base station. The interference management can be performed based at least in part on the determined signal information.

No. of Pages : 78 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6569/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR REDUCING FAST POWER CONTROL MESSAGE OVERHEAD BY GROUPING MOBILE STATIONS IN WIMAX SYSTEMS

(51) International classification :H04W52/24
(31) Priority Document No :12/417,592
(32) Priority Date :02/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/029286
Filing Date :30/03/2010
(87) International Publication No :WO 2010/120497 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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3)KUO-CHUN LEE

(57) Abstract :

Methods and systems for broadcasting the fast power control message in wireless communications systems are provided. In certain embodiments, the methods and systems can include receiving Carrier to Interference-plus-Noise Ratio (CINR) values from multiple mobile stations, determining a power adjustment value for each mobile station based on the CINR values, grouping the mobile stations based at least on the CINR values, and transmitting a fast power control message for each group with a different number of repetitions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.657/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : LOW-CATALYST CARBODIIMIDE GROUPS AND/OR ISOCYANATE MIXTURES COMPRISING URETONIMINE GROUPS

(51) International classification	:C08G18/02
(31) Priority Document No	:102009027246.1
(32) Priority Date	:26/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055244
Filing Date	:21/04/2010
(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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(57) Abstract :

The invention relates to low-catalyst carbodiimide groups and/or isocyanate mixtures comprising uretonimine groups to a method for the production and to the use thereof.

No. of Pages : 16 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/09/2011

(21) Application No.6570/CHENP/2011 A

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHODS AND APPARATUS FOR PEER DISCOVERY IN A COMMUNICATIONS SYSTEM

(51) International classification :H04W48/16
(31) Priority Document No :12/417,383
(32) Priority Date :02/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/029498
Filing Date :31/03/2010
(87) International Publication No :WO 2010/114931 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)RAJIV LAROIA
2)JUNYI LI
3)VINCENT D. PARK
4)YING WANG
5)ALEKSANDAR JOVICIC

(57) Abstract :

Methods and apparatus supporting enhanced discovery operations in peer to peer networks are described. Peer discovery, based on direct peer to peer discovery between two mobile nodes can be somewhat limited, e.g., due to power limitations, processing power, and/or channel conditions. An access point, e.g., base station, monitors for and receives peer discovery signals conveying a set of identifiers from a wireless communications device. The access point retransmits at least one identifier in the set in a wireless peer to peer communications channel. Thus the access point effectively extends the peer discovery range for wireless communications devices utilizing the peer to peer network. Wireless communications devices can monitor for and recover the rebroadcast peer discovery signals from access points. Thus, via access point signaling a wireless communications device can be made situationally aware of other devices of interest which would be otherwise outside its discovery detection range.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6577/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : APPARATUS AND METHOD FOR EMPLOYING CODES FOR TELECOMMUNICATIONS

(51) International classification :H04L1/00
(31) Priority Document No :12/405,097
(32) Priority Date :16/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/027359
Filing Date :15/03/2010
(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

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2)JIA Zhanfeng
3)XIAO Lu
4)JULIAN David Jonathan

(57) Abstract :

A transmitting apparatus generates a first bit stream from a second bit stream by encoding (encrypting) at least a portion of the bits from the second bit stream generates a code (MIC MAC or CRC) for the second bit stream and attaches the code to the first bit stream for transmission to a receiving apparatus. A receiving apparatus receive from a transmitting apparatus a first bit stream with a code generates a second bit stream from the first bit stream by decoding at least a portion of the bits from the first bit stream computes the code (MIC MAC or CRC) for the second bit stream and compares the computed code with the code from the first bit stream.

No. of Pages : 27 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/09/2011

(21) Application No.6578/CHENP/2011 A

(43) Publication Date : 19/04/2013

(54) Title of the invention : APPARATUS AND METHOD FOR DUAL-CELL HIGH-SPEED UPLINK PACKET ACCESS

(51) International classification :H04L1/00
(31) Priority Document No :61/161,051
(32) Priority Date :17/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/027683
Filing Date :17/03/2010
(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

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2)GHOLMIEH Aziz
3)ZHANG Danlu
4)BHARADWAJ Arjun
5)KAPOOR Rohit

(57) Abstract :

A method an apparatus and a computer program product for wireless communication are provided in which a plurality of uplink carriers are utilized in a cellular communications system. In an aspect of the disclosure a wireless terminal configured for use in a cellular network transmits an uplink with a plurality of uplink carriers including an anchor carrier and a secondary carrier and receives a downlink with a plurality of downlink carriers. Here the wireless terminal provides feedback information such as a channel quality indicator and an acknowledgment corresponding to the plurality of downlink carriers on an uplink channel on each of respective carriers in a subset of the plurality of uplink carriers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6579/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : RELAY RECEPTION SYNCHRONIZATION SYSTEM AND METHOD

(51) International classification :H04W28/00

(31) Priority Document No :61/160,158

(32) Priority Date :13/03/2009

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

(86) International Application No :PCT/US2010/027044

Filing Date :11/03/2010

(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

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(72)Name of Inventor :

1)YU Yi

2)CAI Zhijun

3)WOMACK James Earl

(57) Abstract :

A method for informing a relay node when to receive data. The method includes the relay node being informed of a fixed point in a subframe of data when an access node will begin transmitting relevant data over a physical downlink shared channel. The method further includes the relay node beginning to receive data at approximately the fixed point.

No. of Pages : 23 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.658/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : HOLDING DEVICE FOR A BEARING OF AN AXLE STABILIZER

(51) International classification :B60G21/055

(31) Priority Document No :09163810.6

(32) Priority Date :25/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/059030

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

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(72)Name of Inventor :

1)KLINK Holger

2)PLATZ Reinhold G.

3)AUMER Bernhard

4)SCHNEEGANS Dieter

5)GATTRINGER Rudolf

(57) Abstract :

The invention relates to a holding device for a bearing of an axle stabilizer in a motor vehicle comprising a mount of an elastic material for the axle stabilizer and a holding bracket (1) which at least partially encloses the mount of the elastic material. The holding bracket (1) is produced from a polymer material and has a geometry which corresponds to a geometry determined by the following steps: (a) calculating a degree of utilization of the strength of the holding bracket (1) by a simulation calculation

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6580/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : RELAY LINK CONTROL CHANNEL DESIGN

(51) International classification :H04B7/155

(31) Priority Document No :61/160,156

(32) Priority Date :13/03/2009

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

(86) International Application No :PCT/US2010/027042

Filing Date :11/03/2010

(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

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1)YU Yi

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(57) Abstract :

A method for wireless communication is provided. The method comprises transmitting a relay downlink control information (R-DCI) block in a plurality of resource blocks.

No. of Pages : 28 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6581/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ASSIGNING RESOURCES TO A RELAY

(51) International classification :H04W72/00

(31) Priority Document No :61/160,163

(32) Priority Date :13/03/2009

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

(86) International Application No :PCT/US2010/027045

Filing Date :11/03/2010

(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

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(72)Name of Inventor :

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2)CAI Zhijun

3)WOMACK James Earl

(57) Abstract :

A method for allocating uplink resources to a relay node. The method includes an access node allocating a plurality of disparate uplink resources to the relay node in a single downlink transmission to the relay node.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6582/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : A DEVICE FOR SEPARATING PLATE-SHAPED ELEMENTS

(51) International classification :B65H3/12
(31) Priority Document No :10 2009 009 917.4
(32) Priority Date :20/02/2009
(33) Name of priority country :EPO
(36) International Application No :PCT/EP2010/001068
Filing Date :19/02/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MATZNER Boris
2)BRAIN Bernhard

(57) Abstract :

The invention relates to a device for separating disc-shaped elements from a stack (2). The device has a first belt conveyor device (6) and a second belt conveyor device (7). The first belt conveyor device (6) is provided for receiving in each case one disc-shaped element from a stack (2). The second belt conveyor device (7) is provided for further transport and for the depositing of the disc-shaped elements on a transport device (8) which leads further. The first and the second belt conveyor devices (6 7) are connected to a device (VP) which generates a vacuum. A first belt of the first belt conveyor device (6) has first openings and a second belt of the second belt conveyor device (7) has second openings. Here the opening cross sections of the second openings are smaller than the opening cross sections of the first openings.

No. of Pages : 44 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6583/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : DOUBLE LUMEN TUBING WITH IMPROVED KINKING RESISTANCE□

(51) International classification :A61M25/00

(31) Priority Document No :09155029.3

□(32) Priority Date :12/03/2009

(33)□Name of priority co□ntry :EPO

(86) International Application No :PCT/EP2010/001529

Filing Date :11/03/2010

(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

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(72)Name of Inventor :

1)STEEGERS Anselm

2)SCHULER Oliver

(57) Abstract :

The subject matter disclosed herein relates to a system and method for retrieving a local map for a given area. One or more signals wirelessly transmitted from one or more wireless network elements may be received by a mobile device. The mobile device may identify an associated local map based at least in part on the received one or more signals. The associated local map and annotations associated with the associated local map may subsequently be obtained. The associated local map utilizes a predefined coordinate system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6589/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : CHARACTERIZING USER INFORMATION

(51) International classification :G06Q50/00
(31) Priority Document No :12/372,576
(32) Priority Date :17/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/024366
Filing Date :17/02/2010
(87) International Publication No :WO 2010/096413 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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5)WEINBERG, AITAN

(57) Abstract :

Among other disclosed subject matter, a computer-implemented method for characterizing user information includes receiving a plurality of identifiers associated with respective users. The method includes identifying, using the plurality of identifiers, any information portions in an information collection relating to at least one of the users, the information collection reflecting network activities by the users. The method includes generating a record that includes the plurality of identifiers associated with the corresponding information portions. The method includes identifying at least one of the information portions as corresponding to a category established for user classification. The method includes identifying, a subset of the plurality of identifiers as associated with the category; and. The method includes providing a list to a content provider from whom the plurality of identifiers was received, the list including the subset of the plurality of identifiers and indicating that the subset is associated with the category.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.659/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR PRODUCING COATING MATERIAL

(51) International classification :B27G11/00

(31) Priority Document No :10159477.8

(32) Priority Date :09/04/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/054444

Filing Date :23/03/2011

(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)SCHMID Johannes

(57) Abstract :

The invention relates to a method for producing coating material (1) for workpieces comprising the steps of providing a web-shaped or strip-shaped base material (2) feeding the base material into a coating station (6) pre-treating at least one surface of the base material (2) and applying a functional layer (5) to the pre-treated surface of the base material (2) wherein the functional layer (5) can be activated by an energy source (7) such that said layer develops adhesive properties.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6593/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : RADIO COMMUNICATION DEVICE FOR MOBILE COMMUNICATION SYSTEM

(51) International classification :H04W76/02
(31) Priority Document No :2009-068727
(32) Priority Date :19/03/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/002011
Filing Date :19/03/2010
(87) International Publication No :WO 2010/106822
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 :

A mobile communication network includes a radio communication device which is installed in a mobile communication network to carry out radio communication with a mobile terminal, a gateway which relays a communication from the terminal device from the radio communication device to the Internet, and a node which carries out an authentication process in response to a connection request from the mobile terminal. The gateway is installed in the radio communication device or in a carrier network. The node establishes a direct tunnel between the radio communication device and the gateway, so that the mobile terminal is connected to the Internet via the direct tunnel and via the mobile communication network. Thus, it is possible to reduce traffic simply passing through the carrier network.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6318/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : PURIFICATION PROCESS

(51) International classification :CO7K14/79
(31) Priority Document No :09152332.4
(32) Priority Date :06/02/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/051453
Filing Date :05/02/2010
(87) International Publication No :WO 2010/089385
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
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3)MORTON,PHILLIP HARVEY

(57) Abstract :

A process for purifying a transferrin solution and the product of the purification process. A process for producing transferrin and the product of the production process. Use of the transferrin in cell culture, as a pharmaceutical ingredient, as a pharmaceutical product and in a cell culture medium.

No. of Pages : 72 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6327/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVISIONING SOCIAL NETWORKING SERVICES THROUGH RING BACK TONES

(51) International classification	:H04M7/00
(31) Priority Document No	:265/CHE/2009
(32) Priority Date	:06/02/2009
(33) Name of priority country	:India
(86) International Application No	:PCT/IN2010/000072
Filing Date	:05/02/2010
(87) International Publication No	:WO 2010/103532
	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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4)ANAND, ABHINAV

5)NAGARAJU, ROHITH KORANAPALLI

6)AGRAWAL, GAUTAM

7)KHANNA, GOREV

8)PATIL, VINAYASIMHA

9)S. UTTAM THOLPADI

(57) Abstract :

A method and system for provisioning of social networking services through ring back tones is provided. In various embodiments of the present invention, when a caller makes a call to a callee, a ring back tone containing social network profile information is provided to the caller.

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6328/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEMS AND METHODS EMPLOYING QUICK CHANGE INJECTION MOLDING TOOLING

(51) International classification :B29C33/34

(31) Priority Document No :61/160,064

(32) Priority Date :13/03/2009

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

(86) International Application No :PCT/US2010/024284

Filing Date :16/02/2010

(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

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3)PATRICK ELLIOTT

4)STEVEN G. YOUNG

(57) Abstract :

A method comprises loading a tooling module onto a module carrier unit inserting the module carrier unit into a molding press so that the carrier unit rests on a supporting member of an injection molding press and closing the molding press until the tooling module is mated to an ejection side of a mold base.

No. of Pages : 30 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.633/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : APPARATUS AND METHOD OF TRANSMITTING DATA BLOCK ON UPLINK FREQUENCIES

(51) International classification :H04L27/26
(31) Priority Document No :61/235,708
(32) Priority Date :21/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/005545
Filing Date :20/08/2010
(87) International Publication No :WO 2011/021893 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)LEE, KYUNG JUN
2)KIM, SUN HEE
3)YI, SEUNG JUNE
4)JUNG, SUNG HOON
5)CHUN, SUNG DUCK
6)PARK, SUNG JUN

(57) Abstract :

A method and apparatus of generating a data block for a plurality of uplink frequencies is provided. The apparatus determines a size of a data field of the data block so that each data block matches a minimum of a first amount of data and second amount of data. The first amount of data is allowed to be transmitted by a first grant on a first uplink frequency and the second amount of data is allowed to be transmitted by a second grant on a second uplink frequency. The apparatus generates at least one data block so that the amount of data in the generated data blocks is less than multiple times the minimum of the first amount of data and the second amount of data.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6606/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : CONNECTION SYSTEM FOR SENSOR CARTRIDGE

(51) International classification :A61B10/00
(31) Priority Document No :09153950.2
(32) Priority Date :27/02/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/050761
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

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(72)Name of Inventor :
1)VA DER BEEK Maurice H. E.
2)VAN DER MADE Petrus L. A.
3)VERHAGEN Jan Hendrik

(57) Abstract :

The invention relates to a sensor cartridge for the examination of a liquid or solid sample particularly a biological fluid like saliva or blood To this end provided is a connection system (1 2 3) for the connection of a cartridge (3) to a cartridge reader (1) comprising a sample collection device (2) for picking up a sample releasably connected to the cartridge (3) via a first locking device (5) before taking the sample whereby the cartridge (3) is releasably connected to the reader (1) via a second locking device (6).

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

(54) Title of the invention : GENOMIC SELECTION AND SEQUENCING USING ENCODED MICROCARRIERS

(51) International classification :C12Q1/68
 (31) Priority Document No :09153909.8
 (32) Priority Date :27/02/2009
 (33) Name of priority country :EPO
 (86) International Application No :PCT/IB2010/050840
 Filing Date :26/02/2010
 (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

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3)VANE DER ZAAG Pieter J.

(57) Abstract :

The present invention relates to a method for determining the sequence of a nucleic molecule. Herein a capture oligonucleotide probe is attached to an encoded microcarrier wherein the code of said microcarrier identifies the sequence of said oligonucleotide probe. The capture oligonucleotide probe is hybridized with a sample comprising nucleic acids molecules wherein said DNA fragment comprises a sequence which is complementary to the sequence of the capture oligonucleotide probe. The sequence of the DNA molecule is determined wherein the capture oligonucleotide probe serves as a primer for a DNA polymerase in the case of single molecule sequencing this is a sequencing primer. After the sequence determination the nucleotide sequence of the capture oligonucleotide probe is identified by determining the code on the microcarrier which corresponds with the capture oligonucleotide probe. This sequence information directly identifies the location of the sequenced DNA fragment on the genome allowing direct comparison.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6608/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHODS&NBSP; TRANSMISSION DEVICES AND TRANSMISSION CONTROL SYSTEM FOR TRANSMITTING POWER WIRELESSLY

(51) International classification :H02J 5/00
(31) Priority Document No :09153863.7
(32) Priority Date :27/02/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/050597
Filing Date :10/02/2010
(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

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(72)**Name of Inventor :**
1)WAGENINGEN Dries Van
2)STARING Antonius Adriaan Maria
3)HILGERS Achim
4)WAFFENSCHMIDT Eberhard

(57) Abstract :

This invention proposes a method of and a device for transmitting power via electromagnetic coupling from a transmission device to a set of reception devices said method comprising a step of calculating by the transmission device a first sum of given power levels defined by each reception device of said set of reception devices; if a maximum power that can be transmitted by the transmission device to said set of reception devices is less than said first sum then performing a step of determining by said transmission device based on said first sum and according to a set of criteria a subset of reception devices among said set of reception devices to which the transmission device transmits power.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6609/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : THERAPEUTIC APPARATUS FOR TREATING A SUBJECT USING MAGNETIC NANOPARTICLES

(51) International classification	:A61N1/40
(31) Priority Document No	:09153915.5
(32) Priority Date	:27/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/050764
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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Address of Applicant :GROENEWOUDSEWEG 1
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(72)**Name of Inventor :**
1)KUHN Michael H.

(57) Abstract :

A therapeutic apparatus for treating a subject comprising: a first heating means adapted for heating a first region of the subject a first control means for controlling the power directed into the first region by the first heating means such that the power stays below a threshold value a particle heating means adapted for heating magnetic nanoparticles within a second region of the subject using a time varying magnetic field wherein the first region comprises the second region.

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.661/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR NEUTRALIZATION OF ANTIBIOTICS IN A CULTURE MEDIUM

(51) International classification :C12N1/20
(31) Priority Document No :61/269,953
(32) Priority Date :01/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040552
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)BIOMERIEUX INC.
Address of Applicant :Patent Department 100 Rodolphe
Street Durham NC 27712 United States of America
(72)Name of Inventor :
1)LOVERN Douglas

(57) Abstract :

The present invention is directed to a method and means for the neutralization binding and/or inactivation of antimicrobials in a test sample. The invention is also directed to a method of detecting the presence of one or more microorganisms in a test sample by culturing the test sample in a culture media comprising one or more primary amine-containing compounds.

No. of Pages : 31 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6610/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : LED-BASED LAMPS AND THERMAL MANAGEMENT SYSTEMS THEREFOR

(51) International classification	:F21V29/00
(31) Priority Document No	:61/155982
(32) Priority Date	:27/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/050410
Filing Date	:29/01/2010
(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

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
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(72)**Name of Inventor :**
1)LOVELAND Damien

(57) Abstract :

Disclosed herein is a lamp including an LED-based light source (54) configured to emit light and an optically transmissive window (50) optically and thermally coupled to the light source wherein the optically transmissive window is configured to radiate heat generated by the light source to the ambient. The lamp may further include an optical system optically coupled to the light source and configured to redirect the light towards the optically transmissive window.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6617/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM, BASE STATION, SERVER, WIRELESS COMMUNICATION METHOD, AND PROGRAM

(51) International classification	:H04J11/00
(31) Priority Document No	:2009-096493
(32) Priority Date	:10/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/054784
Filing Date	:19/03/2010
(87) International Publication No	:WO 2010/116881
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NEC CORPORATION
Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU,
TOKYO 108-8001 Japan
(72)**Name of Inventor :**
1)INOUE, TAKAMICHI
2)KOYANAGI, KENJI
3)KAKURA, YOSHIKAZU

(57) Abstract :

Provided is a wireless communication technique capable of supporting communication using a single component carrier, and communication using a plurality of component carriers. The communication using the plurality of carriers comprises a processing means for performing the signal processing in accordance with each of the carriers with respect to the common signal sequence used by the plurality of carriers. The present invention makes it possible to cope with the communication employing a single component carrier and the wireless communication employing a plurality of the component carriers. Further, PAPR of the reference signals can be made small because there is no possibility that the identical CAZAC sequence is used among the component carriers when a plurality of the component carriers are employed.

No. of Pages : 50 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6619/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : X-RAY SOURCE COMPRISING A FIELD EMISSION CATHODE

(51) International classification :H01J35/06
(31) Priority Document No :09153101.2
(32) Priority Date :18/02/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/051481
Filing Date :08/02/2010
(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 :**
1)LIGHTLAB SWEDEN AB
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133 33 Sweden
(72)**Name of Inventor :**
1)Qiu-Hong HU

(57) Abstract :

The present invention relates to an x-raysource comprising a field emission cathode an anode connectorsfor allowing application of a high voltage between the cathode and the anode for enabling emission of an x-ray beam and an evacuated chamber inside of which the anode and the cathode are arranged the evacuated chamber having an x-raytransparent window wherein the field emission cathode consists of a carbonized solid compound foam having a continuous cellular structure the continuous cellular structure providing multiple emission sites for emission of electrons onto the anode when the high voltage is applied. The field emission cathode provides for the possibility to increase the efficiency of the x-raysystem as it is possible to in a much higher degree control the electrons emitted by the field emission cathode in terms of switching time current kinetic energy and the emission direction.

No. of Pages : 17 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.662/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND CULTURE MEDIUM FOR ENHANCED DETECTION OF MYCOBACTERIUM

(51) International classification :C12N1/20
(31) Priority Document No :61/269,952
(32) Priority Date :01/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040559
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 :**
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(72)**Name of Inventor :**
1)DEOL Parampal
2)BARTON Leticia
3)PORTILLA Yoany
4)LOVERN Douglas

(57) Abstract :

The present invention relates to an improved culture medium and method for the enhanced growth and detection of Mycobacterium growth. The invention further relates to an improved mycobacterial reagent system or kit that can be used for the enhanced growth and detection of Mycobacterium.

No. of Pages : 53 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6622/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DELIVERY OF SCALABLE MEDIA DATA

(51) International classification :H04N7/26

(31) Priority Document No :12/420,610

(32) Priority Date :08/04/2009

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

(86) International Application No :PCT/IB2010/000712

Filing Date :29/03/2010

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

1)Imed Bouazizi

2)Lukasz Kondrad

(57) Abstract :

Attached

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6623/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : POWER TRANSFER MANAGEMENT FOR LOCAL POWERSOURCES OF A GRID-TIED LOAD

(51) International classification :H02J 13/00
(31) Priority Document No :61/153,940
(32) Priority Date :19/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/024780
Filing Date :19/02/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XSLENT ENERGY TECHNOLOGIES LLC
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(72)**Name of Inventor :**
1)MATAN Stefan
2)WESTBROCK William B. Jr
3)HORTON Fred C.
4)KLEMM Joseph M.
5)MARRONE Frank P.
6)WISEMAN Kurt W.
7)MCKINLEY Arnold F.

(57) Abstract :

A power transfer system provides power factor conditioning of the generated power. Power is received from a local power source converted to usable AC power and the power factor is conditioned to a desired value. The desired value may be a power factor at or near unity or the desired power factor may be in response to conditions of the power grid a tariff established and/or determinations made remotely to the local power source. Many sources and power transfer systems can be put together and controlled as a power source farm to deliver power to the grid having a specific power factor characteristic. The farm may be a grouping of multiple local customer premises. AC power can also be conditioned prior to use by an AC to DC power supply for more efficient DC power conversion.

No. of Pages : 64 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6624/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : POWER MANAGEMENT IN WIRELESS COMMUNICATION SYSTEMS

(51) International classification :H04W 52/02

(31) Priority Document No :12/396,789

(32) Priority Date :03/03/2009

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

(86) International Application No :PCT/FI2010/050069

Filing Date :05/02/2010

(87) International Publication No : NA

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(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)Mika Kasslin

2)Sami Virtanen

3)Kari Leppnen

4)Mikko Tirronen

(57) Abstract :

Attached

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6625/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : IDENTIFICATION OF EXTRACELLULAR FORM OF PTEN THAT CAN BE USED TO TREAT TUMORS

(51) International classification :A61K 38/00

(31) Priority Document No :61/207,974

(32) Priority Date :17/02/2009

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

(86) International Application No :PCT/US2010/000469

Filing Date :17/02/2010

(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

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(72)Name of Inventor :

1)PARSONS Ramon

(57) Abstract :

An isolated human phosphatase and tensin homolog long polypeptide (PTEN-long) comprising SEQ ID NO:1 fragments and analogues thereof nucleic acids encoding such and compositions comprising such are provided. Methods to inhibit angiogenesis in a solid tumor treat a solid tumor and inhibit growth of a solid tumor using PTEN-long fragments and analogues thereof are provided.

No. of Pages : 102 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6627/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD TO SECURE ACCESS TO AUDIO/VIDEO CONTENT IN A DECODING UNIT

(51) International classification	:H04N7/16
(31) Priority Document No	:09158878.0
(32) Priority Date	:27/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/055324
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/124982
	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)NAGRAVISION S.A.
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(72)**Name of Inventor :**
1)JOEL CONUS
2)PHILIPPE STRANSKY

(57) Abstract :

The present invention concerns the generation of a key necessary to decrypt audio/video contents by genuine decoding units. It concerns in particular a method to secure the reception of a broadcast content managed by a control center and encrypted by at least one content key, said content key or a data allowing to recover said content key being transmitted to the decoding units encrypted by a transmission key common to the decoding units, each decoding unit having at least one environment parameter known by the control center, said decoding unit receiving from the control center a first message common to all decoding units and comprising the encrypted transmission key and a second message, pertaining to said decoding unit and comprising correction data dedicated to said decoding unit, the decryption of the transmission key being made using the environment parameter and the correction data.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6629/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SUPPORTING MULTIPLE REVERSE LINK DATA STREAMS

(51) International classification :H04W40/00
(31) Priority Document No :61/167,118
(32) Priority Date :06/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/030040
Filing Date :06/04/2010
(87) International Publication No :WO 2010/117981 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)JIBING WANG
2)TAMER KADOUS
3)RASHID AHMED AKBAR ATTAR

(57) Abstract :

Techniques for rank adaptation and multiple-stream reverse link communications in a wireless access network are disclosed. A remote unit transmits one or more reverse link data streams using separate identifiers to a base station. The number of reverse link data streams may be determined according to feedback from the base station or it may be determined by testing one or more multiple-antenna transmit hypotheses. The base station may estimate channel conditions using information obtained from the one or more reverse link data streams and may determine a spatial rank of the communication channel. The remote unit may perform separate error control and power control processes for each reverse link data stream in cooperation with the base station.

No. of Pages : 40 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.663/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND CULTURE MEDIUM FOR ENHANCED DETECTION OF MYCOBACTERIUM

(51) International classification :C12N1/20
(31) Priority Document No :61/269,977
(32) Priority Date :01/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040564
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)DEOL Parampal
2)BARTON Leticia
3)PORTILLA Yoany
4)LOVERN Douglas

(57) Abstract :

The present invention relates to an improved culture medium and method for the enhanced growth and detection of Mycobacterium growth. The invention further relates to an improved mycobacterial reagent system or kit that can be used for the enhanced growth and detection of Mycobacterium.

No. of Pages : 54 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6631/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : ANTIBODIES AND EPITOPES SPECIFIC TO MISFOLDED PRION PROTEIN□

(51) International classification :C07K 14/47
(31) Priority Document N□ :61/156,807
(32) Priority Date :02/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/000303
Filing Date :02/03/2010
(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)CASHMAN Neil R.

(57) Abstract :

The present invention relates to antibodies and immunogenic peptides specific to misfolded prion protein (PrP e g PrPSc) and uses thereof. The immunogenic peptides comprise the amino acid sequence tyrosine-methionine-leucine (YML). The antibodies or peptides can be used for treating or preventing a disease or disorder associated with misfolded PrP including cancer. In particular a IgM monoclonal antibody designated 1A1 was generated using a peptide consisting of the sequence GGYMLGS (i e SEQ ID NO 8) which corresponds to residues 126-132 of human PrP 1A1 recognizes misfolded PrP but not normal PrP.

No. of Pages : 56 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.664/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : CHEMICAL METHOD FOR SEXUAL STERILIZATION AND LIBIDO ELIMINATION IN MALE MAMMALS

(51) International classification	:A61K 38/48
(31) Priority Document No	:PI0902699-1
(32) Priority Date	:28/07/2009
(33) Name of priority country	:Brazil
(86) International Application No	:PCT/BR2010/000207
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 :

1)MARCELO VIVACQUA

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(72)Name of Inventor :

1)MARCELO VIVACQUA

(57) Abstract :

A chemical method for sexual sterilisation and libido suppression in male mammals is indicated to achieve the biological sterilisation of male mammals such as bovines sheep goats equines swine dogs cats and humans. The invention consists in a sterile aqueous solution containing an active sclerosing principle (lactic acid) and an enzyme (papain). The enzyme causes digestion of testicle tissue intensifying the acids necrosing effect and causing it to act faster and more efficiently. The association of these two active principles provokes an acute inflammatory reaction with a quick resolution characterised by fibrosing of the organ. This effect leads to the loss of the gametogenic and androgenic functions and causes sterility and libido suppression respectively. The biological sterilisation process can be easily carried out and does not require additional treatments requiring less handling of the animals with less stress and increased weight gain.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6640/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : INSERTION OF DOWNLINK DEMODULATION REFERENCE SIGNALS INTO OFDM FRAMES

(51) International classification	:H04J11/00
(31) Priority Document No	:2009901193
(32) Priority Date	:19/03/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/JP2010/053598
Filing Date	:26/02/2010
(87) International Publication No	:WO 2010/106923
	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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TOKYO 108-8001 Japan
(72)**Name of Inventor :**
1)PHAM, DUONG

(57) Abstract :

A method of inserting downlink demodulation Reference Signals into Resource Blocks of slots within Orthogonal Frequency Division Multiplexing (OFDM) frames at an OFDM transmitter forming part of an OFDM system, the transmitter having at least one antenna and the system having at least one transmission layer, includes the steps of: for each antenna, inserting cell-specific Reference Signals at sub-carriers indices evenly spaced by a fixed sub-carrier spacing; and selectively inserting UE-specific Reference Signals into nodes of a rectangular lattice formed from unused Resource Elements in a group of Resource Blocks of two consecutive slots, the nodes being located at the same sub-carrier indices as the cell-specific Reference Signals and further being equally spaced by a fixed number of symbol indices within the group of Resource Blocks.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6641/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD OF FABRICATING A PTFE SEAL ELEMENT AND A SHAFT SEAL ASSEMBLY THEREWITH

(51) International classification	:F16J15/34
(31) Priority Document No	:12/388,949
(32) Priority Date	:19/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/023735
Filing Date	:10/02/2010
(87) International Publication No	:OW 2010/096311 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)TRIPATHY, BHAWANI, S.

(57) Abstract :

A method of fabricating a PTFE seal element and rotary shaft seal assembly therewith. The method includes providing a PTFE seal element and a vacuum chamber having electrodes therein. Next, placing the PTFE seal element on one electrode and drawing a vacuum pressure in the chamber and introducing a first process gas into the chamber. Further, applying a high frequency signal to the electrodes and producing a discharge plasma and etching and chemically modifying a surface of the PTFE seal element with the discharge plasma. Then, purging the vacuum chamber with a second process gas and restoring the vacuum chamber to an atmospheric pressure. Thereafter, rinsing the seal element and applying an adhesion promoter to the etched and chemically modified surface. Lastly, attaching the etched and chemically modified surface of the PTFE seal element to the carrier by molding an elastomeric material between the seal element and the carrier.

No. of Pages : 11 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6645/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : VEGETABLE MILK GRANULATED POWDER&NBSP; PROCESS FOR PRODUCING SAME&NBSP; AND USES THEREOF□

(51) International classification	:A23J 1/14
(31) Priority Document No	:095□293
(32) Priority Date	:02/03/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050330
Filing Date	:25/02/2010
(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)BOURSIER Bernard
2)GEHIN Bruno

(57) Abstract :

The present invention relates to vegetable milk in the form of a granulated powder or solution produced from vegetable raw materials and capable of replacing milk of animal origin and more particularly cows milk as well as to the uses thereof as novel products for human foodstuffs. The present invention also relates to a method for preparing such vegetable milk.

No. of Pages : 51 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6646/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR CUTTING A PATCH TO BE APPLIED ONTO A CURVED SUBSTRATE □

(51) International classification : □02B 1/10

(31) Priority Document No :0951662

(32) Priority Date :17/03/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/050456

Filing Date :15/03/2010

(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

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(72)Name of Inventor :

1)ALLIONE Pascal

2)BEGON Cdric

3)LAVILLONNIERE Nicolas

4)LADOUS Agn's

(57) Abstract :

The invention relates to a method for cutting a patch to be applied onto a curved substrate (20) that includes the preliminary calculation of curvilinear lengths (I1 I2 I3 ...) on the substrate between a reference point (O) and a peripheral edge (B) of said substrate. The calculated lengths are applied to a planar film for making the patch and then the patch is cut by connecting the ends (C1 C2 C3 ...) of the applied lengths. The patch then precisely coincides with the edge of the substrate. Such a method is particularly useful for applying a functional film onto a spectacle lens as a trimming of the lens after the film is assembled with the lens would degrade said film.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.665/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING SOCIAL NETWORKING RELATIONSHIPS

(51) International classification :G06K 9/00

(31) Priority Document No :12/488,949

(32) Priority Date :22/06/2009

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

(86) International Application No :PCT/FI2010/050532

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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2)Toni Strandell

3)Brenda Castro

4)Matti Sillanp

5)Jyri Virtanen

6)Mikko Nurmi

(57) Abstract :

Attached

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6651/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUSES FOR MULTI - CELL COLLABORATIVE COMMUNICATION IN A MULTIPLE INPUT MULTIPLE OUTPUT SYSTEM

(51) International classification	:H04B7/02
(31) Priority Document No	:200910047830.9
(32) Priority Date	:17/03/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/071064
Filing Date	:16/03/2010
(87) International Publication No	:WO 2010/105549 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)SUN, FANGLEI
2)YOU, MINGLI
3)LIU, JIN
4)ZHAO, YAN

(57) Abstract :

A method and device for multiple-cell collaborative communication in a multiple input multiple output (MIMO) system are disclosed by the present invention. In said method, base stations participating in multiple-cell collaborative MIMO communication perform pre-coding and scheduling one by one. At first, a first base station selects the mobile terminals participating in the collaborative communication and performs transmission setting, including pre-coding setting; then the scheduling and setting results of the first base station are kept invariant, so that a second base station selects the mobile terminals participating in the collaborative communication and performs transmission setting, including pre-coding setting, according to the scheduling and setting results of the first base station. If a third base station participates in the multiple-cell collaborative MIMO communication, the scheduling and setting results of the first and second base stations are kept invariant, so that the third base station selects the mobile terminals participating in the collaborative communication and performs transmission setting, including pre-coding setting, according to the scheduling and setting results of the first and second base stations. Based on the gradual collaborative communication method, fully distributed multiple-cell collaborative MIMO communication can be achieved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6653/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SERIAL-LINE-SCAN-ENCODED MULTI-COLOR FLUORESCENCE MICROSCOPY AND IMAGING FLOW CYTOMETRY

(51) International classification :G01N 21/00

(31) Priority Document No :61/162,072

(32) Priority Date :20/03/2009

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

(86) International Application No :PCT/US2010/027843

Filing Date :18/03/2010

(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

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(72)Name of Inventor :

1)HENG Xin

2)PATT Paul

(57) Abstract :

A system for performing high-speed high-resolution imaging cytometry utilizes a line-scan sensor. A cell to be characterized is transported past a scan region. An optical system focuses an image of a portion of the scan region onto at least one linear light sensor and repeated readings of light falling on the sensor are taken while a cell is transported through the scan region. The system may image cells directly or may excite fluorescence in the cells and image the resulting light emitted from the cell by fluorescence. The system may provide a narrow band of illumination at the scan region. The system may include various filters and imaging optics that enable simultaneous multicolor fluorescence imaging cytometry. Multiple linear sensors may be provided and images gathered by the individual sensors may be combined to construct an image having improved signal-to-noise characteristics.

No. of Pages : 33 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6654/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : MOBILE PHONE CHARGING DEVICE FOR ISOLATING STANDBY POWER

(51) International classification :H02J 7/00
(31) Priority Document No :10-2009-0015096
(32) Priority Date :24/02/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/001143
Filing Date :24/02/2010
(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

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(72)Name of Inventor :

1)Chang-Ho KIM

(57) Abstract :

A portable phone charger for shutting off standby power is provided in which a standby power shut-off unit is provided at a predetermined position within a jack and brings one contact point and the other contact point of an AC power cable into contact or separates the contact points from each other to shut off standby power from the portable phone charger and a controller measures current flowing through the portable phone charger determines whether standby power is generated in the portable phone charger by comparing the measured current with a reference current and supplies power to the standby power shut-off unit to separate the one contact point from the other contact point upon sensing the standby power.

No. of Pages : 32 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6655/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM HEALTH AND PERFORMANCE CARE OF COMPUTING DEVICES

(51) International classification :G06F 11/30

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/006209

Filing Date :19/11/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)DAO Tam

3)LAM Tom

4)NGUYEN Don

5)ZHANG Guoxuan

(57) Abstract :

A system and computer program product for system care for a computing device. In one embodiment a process includes analyzing one or more software and hardware components of the computing device by a system care program of the computing device analyzing system health of the computing device based on the one or more software and hardware components based on at least one of status and settings of the one or more software and hardware components and analyzing performance of the computing device based on the one or more software and hardware components based on signature profiles of the one or more software and hardware components The process may also include determining one or more solutions for the computing device by the system care program based on the system health and performance of the computing device and displaying a report including the one or more solutions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.666/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR MELT-SPINNING DRAWING AND WINDING A MULTIFILAMENT THREAD AND A DEVICE FOR PERFORMING THE METHOD

(51) International classification	:D01D 5/12
(31) Priority Document No	:10 2009 034 520.5
(32) Priority Date	:24/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/062643
Filing Date	:29/09/2009
(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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1)SCH.,FER Klaus

2)MEISE Hansjrg

3)SCHULZ Detlev

4)ADLER Jochen

(57) Abstract :

The invention relates to a method for melt-spinning drawing and winding a multifilament thread to form a filly-drawn yarn and to a device for performing the method. First a plurality of filaments are extruded from a thermoplastic melt cooled to a temperature below the glass transition temperature of the thermoplastic material and joined to form a filament bundle by supplying a preparation oil having a water content of at most 800. Then the filament bundle is removed by a simple partial wrapping on optionally heated guiding jackets of several driven gallettes at a speed above 1 200 m/min. For drawing and subsequent relaxation the filament bundle is guided at a drawing speed above 3 500 m/min by a simple partial wrapping on the circumference of further heated guiding jackets of driven galeffes. For this purpose the device according to the invention comprises two galette groups having several driven galeffes wherein the first galette group guides the filament bundle in order to remove and/or heat the filament bundle by simple partial wrapping and the second galette group guides the filament bundle in order to draw the filament bundle by simple partial wrapping.

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.66/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR OPERATING AN ACCESS CONTROL SYSTEM

(51) International classification :G07C 9/00
(31) Priority Document No :09164689.3
(32) Priority Date :06/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/059041
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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(72)**Name of Inventor :**
1)FRIEDLI Paul
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(57) Abstract :

The invention relates to a method for operating an access control system comprising at least one door fitting (1) to a secured area of a building and at least one identification code (T2) on a mobile data carrier (2). The identification code (T2) is read by a read device (10) of a door fitting (1). If the read-in identification code (T2) is valid access is granted to the area secured by the door fitting (1). An authorization code (T15) is transmitted from a processor (3) via at least one communication connection (31 31TM) to a central processor (4). A verification step is carried out to determine whether the transmitted authorization code for an area profile (T1). Upon successful verification of the transmitted authorization code (T15) write and read rights for the area profile (T1) are released to the processor (3) transmitting the authorization code (T15). The released area profile (T1) is changed by the processor (3) via a communication connection (31 31TM).

No. of Pages : 49 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.660/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : SHIFT REGISTER&NBSP; DISPLAY DEVICE PROVIDED WITH SAME&NBSP; AND METHOD OF DRIVING SHIFT REGISTER

(51) International classification	:G11C19/28
(31) Priority Document No	:2009-150483
(32) Priority Date	:25/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/053237
Filing Date	:01/03/2010
(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

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(72)Name of Inventor :

1)OHHASHI Seiji

(57) Abstract :

A display device is implemented that can suppress degradation in display quality caused by crosstalk without causing an increase in frame size or an increase in power consumption. Each bistable circuit includes an output terminal (49) that outputs a state signal; a thin film transistor (T1) having a drain terminal to which a high-level potential (VDD) is provided and a source terminal to which the output terminal (49) is connected; a thin film transistor (T2) having a source terminal connected to a region netA connected to a gate terminal of the thin film transistor (T1) and a gate terminal to which a clock (CKA) is provided; a thin film transistor (T6) for increasing the potential of a region netZ connected to a drain terminal of the thin film transistor (T2); and thin film transistors (T4 T3 and T5) for decreasing the potentials of the netA the netZ and the output terminal (49) respectively. A channel area of the thin film transistor (T1) is larger than that of the thin film transistor (T2).

No. of Pages : 70 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6600/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : PRE-COLLAPSED CMUT WITH MECHANICAL COLLAPSE RETENTION

(51) International classification :A61B8/00
(31) Priority Document No :61/155988
(32) Priority Date :27/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/050614
Filing Date :10/02/2010
(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

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(57) Abstract :

A CMUT transducer cell suitable for use in an ultrasonic CMUT transducer array has a membrane with a first electrode a substrate with a second electrode and a cavity between the membrane and the substrate. The CMUT is operated in a precollapsed state by biasing the membrane to a collapsed condition with the floor of the cavity and a lens is cast over the collapsed membrane. When the lens material has polymerized or is of a sufficient stiffness the bias voltage is removed and the lens material retains the membrane in the collapsed state.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6603/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : PRESSURE SUPPORT SYSTEM WITH MACHINE DELIVERED BREATHS

(51) International classification :A61M16/00

(31) Priority Document No :61/155358

(32) Priority Date :25/02/2009

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

(86) International Application No :PCT/IB2010/050292

Filing Date :22/01/2010

(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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2)MATTHEWS Gregory Delano

3)SHELLY Benjamin Irwin

4)RESSLER Heather Dawn

(57) Abstract :

A method of operating a ventilator or pressure support system that automatically determines a timed back up rate for the patient based on the patientTMs spontaneous breathing patterns. The aggressiveness of the determined rate increases as the patient takes less spontaneous breaths. Also a method wherein one or more mechanisms are used to determine whether a machine breath should be issued. Each mechanism consists of a basic timing element coupled with one or more logical permits. Both the timing element and each of the one or more logical permits must be satisfied to allow the timing mechanism to trigger a machine breath.

No. of Pages : 39 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6662/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : STABILIZED BIOCIDAL COMPOSITION

(51) International classification	:A01P 1/00
(31) Priority Document No	:61/160,540
(32) Priority Date	:16/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/051194
Filing Date	:01/02/2010
(87) International Publication No	:WO 2010/105872
	A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)EDMUNDS, STEPHANIE
3)FELLOWS, ALAN

(57) Abstract :

The current invention relates to a process for stabilizing a phosphorus-containing compound aqueous composition, comprising the step of adding to said composition an efficient arsenic stabilizing amount of a compound selected from the group consisting of ammonia, ammonium salt, organic amino acid, peptide and polypeptide; application of the stabilized composition for treating an aqueous system optionally containing or in contact with metal sulphide scale, which method comprises adding to said system, separately or together, an efficient anti-scale amount of a stabilized aqueous composition or for treating a water system to kill or inhibit the growth of micro organisms comprising applying thereto or forming in situ and efficient inhibiting amount of the stabilized aqueous composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6663/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/09/2011

(43) Publication Date : 19/04/2013

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

(51) International classification	:H04B7/14
(31) Priority Document No	:200910047829.6
(32) Priority Date	:16/03/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/000316
Filing Date	:15/03/2010
(87) International Publication No	:WO 2010/105503 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)YANG, TAO

(57) Abstract :

There is provided a relay communication method, a corresponding relay node, mobile terminal and communication system. The method is used for the relay node provided between the base station and the mobile terminal, comprising: sending to the mobile terminal an HARQ process acknowledgement message regardless of result of the relay node decoding signal received from the mobile terminal; the mobile terminal stopping the HARQ process according to the HARQ process acknowledgement message. The above technical solution can avoid a collision between communication between the mobile terminal and the relay node and communication between the relay node and the base station, thereby providing a reliable relay communication system and relay communication method, and can be easily implemented without need to modify the LTE standard.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.667/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE AND METHOD FOR CONTROLLING DISPLAY OF LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification :G09G 3/36
(31) Priority Document No :2009-160871
(32) Priority Date :07/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/001654
Filing Date :09/03/2010
(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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2)OTOI Katsuya
3)ICHIOKA Hideki
4)FUJIWARA Kohji

(57) Abstract :

A liquid crystal display device (100) of the present invention includes: a liquid crystal panel (3) including pixels arranged in a pixel; and a backlight (2) that irradiates it with light. The pixels included in the liquid crystal panel (3) each include picture elements different in color. The picture elements are each provided with a color filter corresponding to the color of the picture element. The liquid crystal display device (100) includes: an aperture ratio converting section (121) that to reduce optical cross talk decreases an aperture ratio for inputted image data and outputs data of the aperture ratio; and a backlight data converting section (122) (backlight luminance control section) that to supplement the aperture ratio for the image data which is decreased by the aperture ratio converting section (121) converts data to increase a backlight luminance. This backlight luminance control prevents or reduces optical or electrical cross talk.

No. of Pages : 133 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6676/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR UPLINK COORDINATED MULTI-POINT TRANSMISSION OF USER DATA

(51) International classification	:H04W16/00
(31) Priority Document No	:200910047715.1
(32) Priority Date	:16/03/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/071043
Filing Date	:15/03/2010
(87) International Publication No	:WO 2010/105543 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)YANG, TAO

(57) Abstract :

The present invention provides an uplink progressive multi-point coordinated MIMO processing scheme. A coordinated processing management equipment determines whether it is necessary to send ACK or NACK message to neighboring base stations in the same CoMP cluster; when it is necessary to send ACK message to the neighboring base stations, the ACK message is sent to all the neighboring base stations in the cluster which have not participated in joint to inform each neighboring base stations that it is not necessary to send user data to the coordinated processing management equipment; when it is necessary to send NACK message to the neighboring base stations, the NACK message is sent to at least one neighboring base station in the cluster which has not participated in joint to inform the at least one base stations to send user data to the coordinated processing management equipment; according to the user data obtained by the base station and the user data from the at least one neighboring base stations, the coordinated processing management equipment performs joint detection and combination. Through the application of solution of the invention, the backhaul cost has been saved and the complexity of the system realization is reduced.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6604/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SUPPLY CIRCUIT

(51) International classification :H02M 3/337

(31) Priority Document No :09153748.0

(32) Priority Date :26/02/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/050779

Filing Date :23/02/2010

(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

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(72)Name of Inventor :

1)CHRISTOPH Martin.

2)JACOBS Joseph H. A.M

3)HENTE Dirk

(57) Abstract :

The present invention relates to a supply circuit (101) comprising: - a bridge circuit (103) - at least one resonant circuit (107 107TM 107^{TMTM}) coupled to the bridge circuit (103) the at least one resonant circuit (107) being coupleable to an associated load circuit (109 109TM 109^{TMTM}) comprising one or more loads (111) - at least one supply switching unit (129) coupled between the bridge circuit (103) and an associated load circuit (109) in series to the one or more loads (111) of the associated load circuit (109 109TM 109^{TMTM}) for connecting and disconnecting the associated load circuit (109) from the bridge circuit (103) and- a control unit (131) for controlling the at least one supply switching unit (129) in synchronization with a resonant current (I_{res}) of the resonant circuit (107) associated with said supply switching unit (129), wherein per load circuit (109, 109TM, 109^{TMTM}) a resonant circuit (107, 107TM, 107^{TMTM}) and a supply switching unit (129) are provided.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6605/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : AUTOMATICALLY COMMISSIONING OF DEVICES OF A NETWORKED CONTROL SYSTEM

(51) International classification :H05B 37/02

(31) Priority Document No :09153736.5

(32) Priority Date :26/02/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/050736

Filing Date :19/02/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)FERI Lorenzo

3)PASVEER Willem F.

4)SCHENK Tim C. W.

(57) Abstract :

The invention relates to automatically commissioning of devices of a networked control system particularly to automatically commissioning (auto-commissioning) of light sources of a lighting system where a control of light sources on an individual and local basis is required. A basic idea of the invention is to route commissioning messages through a grid particularly an approximately rectangular grid of devices in that each device is able to receive commissioning messages from and to transmit commissioning messages to directly neighbored devices in the grid via light. An embodiment of the invention relates to a method for automatically commissioning of devices (10 12 14 16 18) of a networked control system which comprises several devices arranged in a grid (20) wherein each device is adapted for routing messages

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.669/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : TRANSPORTING UNIT FOR LIVE POULTRY ON BOARD A TRUCK

(51) International classification :A01K31/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IT2009/000321
Filing Date :20/07/2009
(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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(Brescia) Italy
2)Giordano Poultry Plast S.p.A.
(72)Name of Inventor :
1)ZANOTTI Massimo

(57) Abstract :

Transporting Unit (1) for live poultry on board a truck comprising a supporting frame (2) and a plurality of drawer-type cages (3) having a lateral wall (6) without aeration openings and intended to be selectively positioned at one side (2a) or the opposite side (2b) of the supporting frame (2) depending on the climatic and environmental transport conditions. The drawer-type cages (3) are arranged in a single pile or in two adjacent piles and in both cases the arrangement is such to be able to occupy the entire width of the loading deck of a truck.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 19/04/2013

□54) Title of the invention : METALLIC NANOPARTICLES&NBSP; PREPARATION AND USES THEREOF□

(51) International classification :A61K 41/00
(31) Priority Document No :09165157.0
(32) Priority Date :10/07/2009
(33) Name of priority country :EP□
(86) International Application No :PCT/EP2010/059871
Filing Date :09/07/2010
(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)LEVY Laurent
2)POTTIER Agnès
3)POUL Laurence
4)MAGGIORELLA Laurence

(57) Abstract :

The present application relates to activable nanoparticles which can be used in the health sector in particular in human health to disturb alter or destroy target cells tissues or organs. It more particularly relates to nanoparticles which can generate a significantly efficient therapeutic effect when exposed to ionizing radiations. The inventive nanoparticle is a metallic nanoparticle having as the largest size a size comprised between about 80 and 105 nm the metal having preferably an atomic number (Z) of at least 25. The invention also relates to pharmaceutical compositions comprising a population of nanoparticles as defined previously as well as to their uses.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.668/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR MANUFACTURING THIN FILM TRANSISTOR SUBSTRATE

(51) International classification :G09F 9/00
(31) Priority Document No :2009-173160
(32) Priority Date :24/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/001878
Filing Date :16/03/2010
(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

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1)OKABE Tohru
2)NISHIKI Hirohiko
3)CHIKAMA Yoshimasa
4)HARA Takeshi

(57) Abstract :

A method for manufacturing a thin film transistor substrate includes a step of forming a gate electrode (11a) and a first interconnect on a substrate (10) a step of forming a gate insulating film (12a) having a contact hole at a position overlapping the first interconnect a step of forming a source electrode (13a) and a drain electrode (13b) overlapping the gate electrode (11a) and separated apart from each other and a second interconnect connected via the contact hole to the first interconnect a step of successively forming an oxide semiconductor film (14) and a second insulating film (15) and thereafter patterning the second insulating film (15) to form an interlayer insulating film (15a) and a step of reducing the resistance of the oxide semiconductor film (14) exposed through the interlayer insulating film (15a) to form a pixel electrode (14b).

No. of Pages : 59 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6683/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHODS AND DEVICES FOR IMPLEMENTING SYNCHRONOUS UPLINK HARQ PROCESS IN MULTIPLE BS COORDINATED RECEIVING NETWORKS

(51) International classification	:H04L1/16
(31) Priority Document No	:200910047717.0
(32) Priority Date	:16/03/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/071038
Filing Date	:15/03/2010
(87) International Publication No	:WO 2010/105539 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)YANG, TAO
2)YOU, MINGLI
3)ZHU, XUDONG

(57) Abstract :

The invention provides methods for implementing synchronous uplink HARQ process in multiple BS coordinated receiving network. According to one embodiment, for synchronous uplink HARQ process with a relatively short response time limit, the service BS provides a receiving response in accordance with the response time limit, and formally instructs the terminal to retransmit or start a new transmission after the merging is completed. According to another embodiment, the synchronous uplink HARQ process has a response time limit matching the delay of multiple BS Coordinated network, and thus the service BS can transmit receiving response or control signaling on PDCCH after the merging is completed. Thereby, the synchronous uplink HARQ process in multiple BS Coordinated networks of LTE and LTEA can be implemented.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.672/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : RECEIVING A MESSAGE IDENTIFYING NEIGHBOR CELLS

(51) International classification	:H04W48/08
(31) Priority Document No	:61/233,202
(32) Priority Date	:12/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045336
Filing Date	:12/08/2010
(87) International Publication No	:WO 2011/019923 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)JANG, KE-CHI

(57) Abstract :

While a mobile station is in a reduced power state, the mobile station determines whether the mobile station has up-to-date neighbor cell information. In response to determining that the mobile station does not have up-to-date neighbor cell information, the mobile station transitions from the reduced power state to a higher power state, so that the mobile station can receive a message identifying neighbor cells.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6726/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : MULTILAYER STRUCTURE AND METHOD OF MAKING THE SAME

(51) International classification :B32B15/12
(31) Priority Document No :61/161,995
(32) Priority Date :20/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/023985
Filing Date :12/02/2010
(87) International Publication No :WO 2010/107534 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)VYORYKKA, JOUKO
3)FEHR, BERNARD
4)WEVERS, RONALD
5)SALMINEN, PEKKA
6)HIPP, ALEXANDER

(57) Abstract :

The instant invention is a multilayer structure, and a process for making a multilayer structure. The multilayer structure includes (a) a first layer comprising one or more primary layers, wherein the first layer has a thickness in the range of less than 1 cm,- (b) a second layer comprising one or more secondary layers derived from one or more polyolefin dispersions, wherein the one or more secondary layers have a thickness in the range of less than 15 μ m; and (c) a third layer comprising one or more tertiary layers having a thickness in the range of less than 150 μ m The second layer is disposed there between the first layer and the third layer.

No. of Pages : 50 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.673/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : SELECTING FROM AMONG PLURAL CHANNEL ESTIMATION TECHNIQUES

(51) International classification :H04W 24/00

(31) Priority Document No :61/225,665

(32) Priority Date :15/07/2009

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

(86) International Application No :PCT/IB2010/002070
Filing Date :15/07/2010

(87) International Publication No :WO 2011/007258
A2

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)CHEN, XIXIAN

3)MAH, EDWARD KEN, KIU

(57) Abstract :

A wireless receiver receives reference signals over a wireless link. The wireless receiver calculates a selection indication based on the received reference signals, and the wireless receiver selects from among plural channel estimation techniques based on the selection indication, where the selected channel estimation technique is usable to perform channel estimation of the wireless link.

No. of Pages : 18 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6701/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : AUTOMATIC DETECTION INSTRUMENT FOR STOOL SPECIMEN

(51) International classification :G01N 35/00
(31) Priority Document No :200910046365.7
(32) Priority Date :19/02/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/070581
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

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1)Zhong Wang

(57) Abstract :

The invention discloses an automatic detection instrument for stool specimen comprising an automatic controller; a dilution device used for adding quantitative diluent into the stool specimen; a stirring and blending device used for stirring and blending the diluted stool specimen; a detecting unit used for detecting the stool specimen and an aspirating and cleaning device connected with the detecting unit through pipelines and used for transmitting the stool specimen to the detecting unit and cleaning the detecting unit and the connecting pipelines after detection. The detection instrument of the invention can automatically carry out quantitative dilution physical microscopic examination and partial chemical detection for specimen completely in comparatively sealed pipelines thereby reducing the link of air contact reducing the contamination for the environment and laboratory and improving the work efficiency by using computer software for automatic control.

No. of Pages : 35 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6703/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : MERCHANT ALERT SYSTEM AND METHOD FOR FRAUD PREVENTION

(51) International classification	:G06Q20/00
(31) Priority Document No	:S2009/0139
(32) Priority Date	:20/02/2009
(33) Name of priority country	:Ireland
(86) International Application No	:PCT/IE2010/000008
Filing Date	:19/02/2010
(87) International Publication No	:WO 2010/095122
	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)COLIN LARKIN

(57) Abstract :

A system for preventing merchant electronic transaction fraud, comprising: a plurality of network connected data processing terminals, including at least one server; means for receiving an electronic authorisation request at the server from a first data processing terminal, wherein the request is for authorising the processing of an electronic transaction associated with a cardholder's card data or account data; means for filtering the received request according to predetermined filtering criteria; means for identifying at least a second data processing terminal as a merchant device; means for sending the request to the merchant device, to notify the merchant that processing of an electronic transaction is proposed, a parameter of which is said cardholder's card data or account data and alert data to indicate that the electronic transaction is fraudulent; and means for receiving interrupt data from the second terminal and for interrupting processing of the, or any further, electronic transaction with that card data or account data.

No. of Pages : 65 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6740/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : BODY FLUID COLLECTION POUCH WITH ANTI-RETURN VALVE□

(51) International classification	:A61F 5/44
(31) Priority Document No	:0951409
(32) Priority Date	:06/03/2009
(33) Name of priority country	:France
(86)□International Application No	:PCT/EP2010/001247
Filing Date	:01/03/2010
(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

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(72)**Name of Inventor :**
1)BORDEAU Jr me

(57) Abstract :

The invention relates to a collection pouch (1) for bodily fluids comprising in particular welds (7 8) forming an anti-reflux valve. Said collection pouch (1) comprises in addition an entrance (6) to a collection compartment (3) and an admission orifice (4) that are offset. The device has a direct application in medical care.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6741/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR SELECTING A HIGH EXPRESSION RECOMBINANT CELL LINE□

(51) International classification :C12N 15/65
(31) Priority Document No :10-2009-0027871
(32) Priority Date :31/03/2009
(33) □ame of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/001912
Filing Date :30/03/2010
(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

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2)CHANG Min Seok
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4)LEE HyunJoo
5)SONG Yoo Cheol
6)KIM Mansu

(57) Abstract :

The present invention relates to a method of selecting high producer clones by using an expression vector the expression vector comprising: (i) a gene expression cassette comprising a selectable marker gene to which polyA has been inoperably linked; and (ii) a gene expression cassette which encodes a recombinant protein of interest and to which polyA has been operably linked. According to the invention high producer clones can be selected from cell populations at least 10 times fewer than in the existing methods of selecting cell lines. Particularly high producer clones can be selected using a low concentration of MTX compared to a conventional stepwise gene amplification strategy which comprises carrying out multiple amplification steps while increasing the concentration of MTX. Accordingly the development period of cell lines can be shortened and the labor and cost required for selection of high-productivity cell clones can be reduced whereby more efficient production of proteins is possible even when general selectable marker genes other than MTX are used.

No. of Pages : 43 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6733/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : III-NITRIDE LIGHT EMITTING DEVICE INCORPORATING BORON

(51) International classification :H01L 21/02

(31) Priority Document No :12/397417

(32) Priority Date :04/03/2009

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

(86) International Application No :PCT/IB2010/050520

Filing Date :04/02/2010

(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

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(72)Name of Inventor :

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(57) Abstract :

Embodiments of the invention include a III-nitride semiconductor structure comprising a light emitting region (16) disposed between an n-type region (14) and a p-type region. At least one layer in the light emitting region (18) is $B_x(In_yGa_{1-y})_{1-x}N$. In some embodiments x is less than 14%. In some embodiments the BN composition is selected such that the $B_x(In_yGa_{1-y})_{1-x}N$ layer has the same band gap energy as a comparable InGaN layer with a bulk lattice constant that is the same or smaller than the comparable InGaN layer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6735/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : ELECTRICAL WATER HEATING SYSTEM

(51) International classification	:F24H 1/14
(31) Priority Document No	:09154069.0
(32) Priority Date	:02/03/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/050786
Filing Date	:23/02/2010
(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

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(72)**Name of Inventor :**
1)WIELSTRA Ytsen

(57) Abstract :

An electric water heating system (101) with limited scale precipitation comprises a container (102) for receiving water and defining an inner storing space for water to be heated. The water stored in said inner storing space can be heated by an electric heating element (104) present in the inner storing space. Furthermore an anode element (105) and a cathode element (106) are provided either connected to or connectable to a DC power source (107) to create a potential difference between the cathode element (106) and the anode element (105). The cathode element (106) is located in the inner storing space adjacent to the heating element (104).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6736/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SYSTEM&NBSP; DEVICE AND METHOD FOR CONFIGURING AND POWERING A BATTERYLESS DEVICE

(51) International classification	:H02J 17/00
(31) Priority Document No	:09305188.6
(32) Priority Date	:02/03/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/050788
Filing Date	:23/02/2010
(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

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4)WAFFENSCHMIDT Eberhard
5)HILGERS Achim
6)SREEDHARAN NAIR Biju Kumar

(57) Abstract :

System for configuring and powering a wireless batteryless device the system comprising: - a wireless batteryless device (A) comprising : - a built-in harvester (12) for harvesting energy from a first energy source for example ambient energy - means for communicating wirelessly - and an external device (B) comprising :

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.674/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD OF FORMING A CURED COATING COMPOSITION ON AN AUTOMOBILE COMPONENT

(51) International classification	:B05D7/00
(31) Priority Document No	:61/220,912
(32) Priority Date	:26/06/2020
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/059011
Filing Date	:24/06/2010
(87) International Publication No	:WO 2010/149747
	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)CRANFILL, DAVID

2)GUTOWSKI, KEITH E.

(57) Abstract :

A method of forming a cured coating composition on an automobile component is provided. The method utilizes a coating compound including a radical polymerizable compound and an organoborane initiator and includes the step of applying the coating composition to the automobile component. The organoborane initiator is complexed with a bi-functional noncyclic blocking agent that has a carbon backbone and two organoborane complexing moieties. The two moieties are different from each other and are selected from the group of an amine moiety, a thiol moiety, and a phosphine moiety. In addition, the two moieties are separated from each other by two to four carbon atoms to increase the nucleophilicity of the blocking agent towards the organoborane initiator. The organoborane initiator is decomplexed from the blocking agent thereby forming a radical that is used to polymerize the radical polymerizable compound and cure the coating composition on the automobile component.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6750/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : DISPLAY DEVICE WITH OPENINGS BETWEEN SUB-PIXELS AND METHOD OF MAKING SAME

(51) International classification	:B81B3/00
(31) Priority Document No	:12/409,425
(32) Priority Date	:23/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028050
Filing Date	:19/03/2010
(87) International Publication No	:WO 2010/111153 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)TAO YI
2)ZHONG FAN

(57) Abstract :

An electromechanical systems device includes a plurality of supports disposed over a substrate and a deformable reflective layer disposed over the plurality of supports. The deformable reflective layer includes a plurality of substantially parallel columns extending in a first direction. Each column has one or more slots extending in a second direction generally perpendicular to the first direction. The slots can be created at boundary edges of sub-portions of the columns so as to partially mechanically separate the sub-portions without electrically disconnecting them. A method of fabricating an electromechanical device includes depositing an electrically conductive deformable reflective layer over a substrate, removing one or more portions of the deformable layer to form a plurality of electrically isolated columns, and forming at least one crosswise slot in at least one of the columns.

No. of Pages : 58 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6742/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : MAC ARCHITECTURES FOR WIRELESS COMMUNICATIONS USING MULTIPLE PHYSICAL LAYERS

(51) International classification	:H04W 12/08
(31) Priority Document No	:61/168,207
(32) Priority Date	:09/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030605
Filing Date	:09/04/2010
(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)ABRAHAM Santosh P.

2)BRACHA Vered Bar

3)SAMPATH Hemanth

4)SRIDHARA Vinay

(57) Abstract :

Certain aspects of the present disclosure provide techniques for wireless communications using two different physical layers with a common medium access control layer.

No. of Pages : 55 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6743/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : ADAPTIVE RESOURCE PARTITIONING IN A WIRELESS COMMUNICATION NETWORK

(51) International classification :H04W 16/10

(31) Priority Document No :61/161,646

(32) Priority Date :19/03/2009

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

(86) International Application No :PCT/US2010/028052

Filing Date :19/03/2010

(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)BORRAN Jaber Mohammad

2)KHANDEKAR Aamod D.

(57) Abstract :

Techniques for performing adaptive resource partitioning are described. In one design a node computes local metrics for different possible actions related to resource partitioning to allocate available resources to a set of nodes that includes the node. Each possible action is associated with a set of resource usage profiles for the set of nodes. The node sends the computed local metrics to at least one neighbor node in the set of nodes. The node also receives local metrics for the possible actions from the neighbor node(s). The node determines overall metrics for the possible actions based on the computed local metrics and the received local metrics. The node then determines allocation of the available resources to the set of nodes based on the overall metrics. For example, the node may select the action with the best overall metric and may utilize the available resources based on a resource usage profile for the selected action.

No. of Pages : 50 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6744/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : HYBRID CELL MANAGEMENT IN WIRELESS NETWORKS

(51) International classification :H04W 36/08
(31) Priority Document No :61/161,877
(32) Priority Date :20/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/028027
Filing Date :19/03/2010
(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

(71)Name of Applicant :
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(72)Name of Inventor :
1)JI Tingfang
2)HORN Gavin B.
3)PALANKI Ravi
4)AGASHE Parag A.

(57) Abstract :

Systems and methodologies are described that facilitate providing hybrid cell access points that can support closed subscriber groups (CSG) while providing at least a minimum level of service to wireless devices excluded from the CSG. Hybrid cell access points can allow non-member wireless devices to camp and receive paging signals. Upon receiving a request for resources from non-member wireless devices hybrid cell access points can handover the non-member wireless devices to an access point that can serve the non-member wireless devices provide a portion of resources compared to a disparate portion provided to member wireless devices and/or the like. In addition hybrid cell access points can vary levels of service and downlink transmission power to provide load balancing for access points. Varying levels of service and downlink transmission power can facilitate additional functionality such as reducing transmission power to serve member devices while mitigating interference to non-member devices.

No. of Pages : 79 No. of Claims : 83

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6745/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : IMPROVED METHOD FOR METHANE GENERATION

(51) International classification	:C12P 5/02
(31) Priority Document No	:61/158,720
(32) Priority Date	:09/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026540
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

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(72)Name of Inventor :

1)RHINE Danielle

2)JENSEN Anders Peter

3)BORRE-GUDE Stefan

(57) Abstract :

A method for treatment of a material comprising lignocellulosic fibres is disclosed. More particularly the treatment increases the accessibility of the lignocellulosic fibres for following microbial or biological processes

No. of Pages : 35 No. of Claims : 14

(54) Title of the invention : METHOD FOR IDENTIFYING AN OPTICAL NETWORK UNIT AND AN OPTICAL ACCESS SYSTEM AND DEVICE

(51) International classification :H04B10/00
 (31) Priority Document No :200910106303.0
 (32) Priority Date :20/03/2009
 (33) Name of priority country :China
 (86) International Application No :PCT/CN2010/071158
 Filing Date :19/03/2010
 (87) International Publication No :WO 2010/105578 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)YANG SULIN
2)YIN JINRONG

(57) Abstract :

The present invention discloses a method for identifying an optical network unit (ONU) in an optical access system, including: receiving uplink signals sent by a plurality of ONUs through a shared optical transmission path; extracting detection signals from the uplink signals, and obtaining signal characteristics of the detection signals; and comparing the signal characteristics with a reference characteristic value, and determining, according to a result of the comparison, whether the multiple ONUs that send the uplink signals include a point-to-point connection-based (P2P) ONU. Through the method for identifying an ONU in an optical access system, when P2P ONU is mistakenly connected into a point-to-multipoint (P2MP) connection-based optical access system, a fault alarm can be raised quickly, which facilitates system maintenance and troubleshooting. The present invention further discloses an optical access system, an optical line terminal, and an optical module.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6752/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : ANALOGS OF TEMPORIN-SHA&NOSP; AND USES THEREOF

(51) International classification :C07K 14/46
(31) Priority Document No :0951768
(32) Priority Date :19/03/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/050487
Filing Date :18/03/2010
(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

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1)LADRAM Ali

2)SERENO Denis

3)ABBASSI Feten

4)OURY Bruno

5)AMICHE Mohamed

6)NICOLAS Pierre

(57) Abstract :

The present invention relates to novel antimicrobial peptides to pharmaceutical compositions comprising said peptides and to the uses thereof in particular as antimicrobial drugs disinfectants pesticides or preservatives. The present invention also relates to a transgenic plant expressing said novel peptides.

No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6753/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR PRODUCING 1,6-HEXANEDIOL

(51) International classification :C07C 29/149

(31) Priority Document No :09157511.8

(32) Priority Date :07/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/054053

Filing Date :29/03/2010

(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)PINKOS Rolf

2)BREUNINGER Daniel

3)TEBBEN Gerd-Dieter

(57) Abstract :

The invention relates to a process for preparing 1,6 hexanediol preferably with at least 99.5% purity which are especially virtually free of 1,4 cyclohexanediols from a carboxylic acid mixture which is obtained as a by-product of the catalytic oxidation of cyclohexane to cyclohexanone/cyclohexanol with oxygen or oxygen-comprising gases and by water extraction of the reaction mixture by hydrogenating the carboxylic acid mixture esterifying and hydrogenating a substream to hexanediol.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6754/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : HYDROXYL FUNCTIONAL OIL POLYOLS AND COATING COMPOSITIONS PREPARED FROM HYDROXYL FUNCTIONAL OIL POLYOLS□

(51) International classification	:C09D 191/00
(31) Priority Document No	:61/157,732
(32) Priority Date	:05/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/052577
Filing Date	:02/03/2010
(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 :**
1)AKZO NOBEL COATINGS INTERNATIONAL B.V.
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1)CRAUN Gary P.
2)STELLA Guy J.
3)Kenneth J.GARDNER
4)TELFORD David J.

(57) Abstract :

Hydroxyl functional oil polyols are disclosed which can be used to produce coating compositions and coated surfaces. In some embodiments the coating compositions are used to coat substrates such as packaging materials and the like for the storage of food and beverages. The hydroxyl functional oil polyols can be prepared by reacting an epoxidized vegetable oil with a hydroxyl functional material in the presence of an acid catalyst. Coating compositions can be prepared by crosslinking the hydroxyl functional oil polyols with a crosslinker.

No. of Pages : 17 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6760/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS AND METHODS FOR TREATING TURBERCULOSIS

(51) International classification	:A61P31/04
(31) Priority Document No	:09153466.9
(32) Priority Date	:23/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/052299
Filing Date	:23/02/2010
(87) International Publication No	:WO 2010/094810
	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 DER GEIZE, ROBERT
2)DIJKHUIZEN, LUBBERT
3)OSTENDORF, MARTIN
4)VAN DER MEIHDEN, PETER

(57) Abstract :

A pharmaceutical composition for the treatment of a disease caused by a bacterium that belongs to the group of nocardioform actinomycetes, said composition comprising an effective amount of a compound selected from compound I, (+)-compound II, (-)-compound II, compound III, or mixtures thereof:

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6774/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : VERTICAL MEDICATION STORAGE SYSTEM

(51) International classification :G07F 11/62

(31) Priority Document No :12/416820

(32) Priority Date :01/04/2009

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

(86) International Application No :PCT/US2010/029461

Filing Date :31/03/2010

(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)DAVID HEFFRON

(57) Abstract :

Storage systems for inventory control are disclosed. The storage system includes a vertical storage structure having a plurality of vertically-stacked pockets. Each vertically-stacked pocket can be configured to be separately openable for providing user access to contents of the vertically-stacked pocket. The vertical storage structure can be a vertical sliding-type door a hinged-type door or a wall-mounted cabinet.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6775/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : PAEDIATRIC SOLUTIONS COMPRISING A BETA-BLOCKER

(51) International classification :A61K 9/00
(31) Priority Document No :09290298.0
(32) Priority Date :21/04/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/051573
Filing Date :12/04/2010
(87) International Publication No :WO/2010/122442
(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)CHRISTINE CHAUMONT
2)JEAN-FRANCOIS CORDOLIANI
3)ELIE LEVERD
4)VALERIE MUGUET

(57) Abstract :

The present disclosure relates to aqueous non alcoholic solutions comprising a beta-blocker, a non sugar type sweetener and being substantially free of an aromatic preservative agent. The solutions of the present disclosure are particularly adapted for a paediatric use.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6776/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : SOLID DRUG DELIVERY APPARATUS&NBSP; FORMULATIONS AND METHODS OF USE

(51) International classification :A61M 31/00
(31) Priority Document No :61/210,579
(32) Priority Date :20/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/000851
Filing Date :22/03/2010
(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)IMRAN Mir

(57) Abstract :

Embodiments provide apparatus and methods for delivering solid form medications such as pellets to various locations in the body. One embodiment provides an apparatus for in vivo delivery of medication pellets comprising a first chamber including an opening; a second chamber substantially surrounding the first chamber a carriage disposed in the first chamber a mechanism for transferring the medication pellets from the first chamber to the second chamber and a pusher plate. The carriage can hold and dispense a plurality of medication pellets. Each pellet contains a selected dose of drug to treat a medical condition. A catheter is positioned in the second chamber. The catheter has a lumen sized for the pellet a proximal end inside the chamber and a distal end extending through chamber opening to deliver the pellet to a delivery site. The pusher plate engages and advances the pellet through the catheter to the delivery site

No. of Pages : 49 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6749/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD, APPARATUS, AND SYSTEM FOR IMPLEMENTING REDUNDANCY BACKUP BETWEEN NAT DEVICES

(51) International classification	:H04L12/56
(31) Priority Document No	:200910105800.9
(32) Priority Date	:13/03/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/072004
Filing Date	:26/05/2009
(87) International Publication No	:WO 2010/102465 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)XU XIAOHU

(57) Abstract :

A method for implementing redundancy backup between Network Address Translation (NAT) devices includes: an Internet Protocol version 4 (IPv4) address pool and a prefix64 are pre-configured on at least two NAT devices, where the prefix is used to map an IPv4 address to an Internet Protocol version 6 (IPv6) address; the master NAT device advertises in an IPv6 network a route corresponding to the prefix, and advertises in an IPv4 network a route corresponding to the IPv4 address pool; and the slave NAT device processes a packet between a source host and a destination host when the master NAT device fails, where the source host and the destination host are located in different Internet Protocol (IP) networks. With the technical solutions of the present invention, redundancy backup is implemented between multiple NAT devices to improve reliability of networking of NAT devices.

No. of Pages : 34 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.675/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD OF DISSOCIATING AN ORGANOBORANE-AMINE COMPLEX

(51) International classification	:B05D3/10
(31) Priority Document No	:61/220,876
(32) Priority Date	:26/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/059005
Filing Date	:24/06/2010
(87) International Publication No	:WO 2010/149742
	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)GUTOWSKI, KEITH E.

2)CRANFILL, DAVID

(57) Abstract :

A method of dissociating an organoborane-amine complex in a coating composition is provided. The method includes the step of introducing the organoborane-amine complex, the radical polymerizable compound, and optionally an amine, onto a substrate to form the coating composition. The method also includes the step of introducing carbon dioxide into the coating composition in a molar ratio of at least 1:1 of the carbon dioxide to free amine groups present in the coating composition. More specifically, a carbamic zwitterion is formed in-situ from reaction of the carbon dioxide and the free amine groups. The formation of the carbamic zwitterion leads to dissociation of the organoborane-amine complex and formation of a radical. The radical is then used to polymerize the radical polymerizable compound.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6783/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : AUTOTUNED SCREEN PRINTING PROCESS

(51) International classification	:H01L 21/00
(31) Priority Document No	:UD2009A000043
(32) Priority Date	:23/02/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2009/056326
Filing Date	:25/05/2009
(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)BACCINI Andrea
2)GALIAZZO Marco

(57) Abstract :

Embodiments of the invention generally provide apparatus and methods of screen printing a pattern on a substrate. In one embodiment a patterned layer is printed onto a surface of a substrate along with a plurality of alignment marks. The locations of the alignment marks are measured with respect to a feature of the substrate to determine the actual location of the patterned layer. The actual location is compared with the expected location to determine the positional error of the patterned layer placement on the substrate. This information is used to adjust the placement of a patterned layer onto subsequently processed substrates.

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6784/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : CONDIMENT

(51) International classification	:A23D 7/00
(31) Priority Document No	:09153677.1
(32) Priority Date	:25/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/NL2010/050094
Filing Date	:24/02/2010
(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

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2)VAN NIEUWENHUIJZEN Nelly Hermina

3)TROMP Robert Hans

(57) Abstract :

The present invention relates to a condiment comprising an emulsion of an aqueous phase and an oil or fat phase the emulsion comprising a potato protein protease inhibitor isolate. The invention further relates to a method for preparing a condiment according to any of the preceding claims comprising preparing an aqueous phase comprising the protein protease inhibitor isolate and thereafter dispersing the oil or fat phase in the aqueous phase or dispersing the aqueous phase in the oil or fat phase.

No. of Pages : 37 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6785/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : V-RIBBED BELT HAVING AN OUTER SURFACE WITH IMPROVED COEFFICIENT OF FRICTION

(51) International classification	:F16G 5/20
(31) Priority Document No	:12/391,505
(32) Priority Date	:24/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/023262
Filing Date	:05/02/2010
(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

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(72)**Name of Inventor :**
1)WESTELAKEN Paul M.

(57) Abstract :

A V-ribbed belt for a mechanical power transmission is disclosed. The V-ribbed belt comprises an outer back-side surface an inner front-side surface and a load-carrying section disposed between the front-side and back-side surfaces. The front-side surface includes a plurality of laterally spaced longitudinally extending v-ribs. The back-side surface includes a plurality of raised features that when running on a flat-faced back-side pulley form a contact patch of about 20% to about 50% of that of a traditional flat-faced belt running on a flat-faced pulley. The reduced contact patch provides increased contact pressure which in turn provides an improved effective coefficient of friction between the belt and the pulley.

No. of Pages : 21 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6777/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : PROTEASE FOR WOUND CONDITIONING AND SKIN CARE

(51) International classification :C12N 9/64

(31) Priority Document No :09003063.6

(32) Priority Date :03/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/001328

Filing Date :03/03/2010

(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

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2)ECK JURGEN

3)SCHULZE RENATE

4)KROHN MICHAEL

(57) Abstract :

The present disclosure relates to pharmaceutical and cosmetical compositions as well as medical articles comprising a protease, termed debrilase, from *Lucilia sericata* for use in wound conditioning and skin care. The present disclosure further relates to a nucleic acid molecule encoding a serine protease, a fragment of the serine protease, a propeptide of the serine protease and a pre-propeptide of the serine protease. The present disclosure further relates to a vector encoding the said nucleic acid molecule, a transformed cell comprising the said vector, composition and fusion protein comprising the said nucleic acid molecule, a process of preparing the same and antibody toward the said molecule.

No. of Pages : 73 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6780/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : THERMOACOUSTIC DRIVEN COMPRESSOR

(51) International classification	:F25B 9/14
(31) Priority Document No	:12/378,863
(32) Priority Date	:20/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/024793
Filing Date	:01/01/1900
(87) International Publication No	:WO 2010/0358
(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)MCQUARY, BRYAN, O.
2)COLE, STEVE, M.

(57) Abstract :

The present disclosure details a thermoacoustic driven compressor having a pressurized housing, which contains within a thermoacoustic engine and a working gas, coupled to a positive displacement reciprocating compressor. The thermoacoustic driven compressor generates scalable compressed air from a given heat source. Certain embodiments comprise a first housing, a second housing, a reciprocating piston, a valved intake, a valved discharge, and a thermoacoustic engine connected to an interior wall of one of said housings.

No. of Pages : 51 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.68/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : RESOURCE ALLOCATION IN VIRTUALIZED ENVIRONMENTS

(51) International classification :G06F9/455

(31) Priority Document No :12/495,842

(32) Priority Date :01/07/2009

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

(86) International Application No :PCT/EP2010/058884

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)ELMOOTAZBELLAH NABIL ELNOZAHY

2)WILLIAM EVAN SPEIGHT

3)LIXIN ZHANG

4)RAMAKRISHNAN RAJAMONY

(57) Abstract :

A method a system an apparatus and a computer program product for allocating resources of one or more shared devices to one or more partitions of a virtualization environment within a data processing system. At least one user defined resource assignment is received for one or more devices associated with the data processing system. One or more registers associated with the one or more partitions are dynamically set to execute the at least one resource assignment whereby the at least one resource assignment enables a user defined quantitative measure (number and/or percentage) of devices to operate when the one or more transactions are executed via the partition. The system enables the one or more devices to execute one or more transactions at a bandwidth/capacity that is less than or equal to the user defined resource assignment and minimizes performance interference among partitions.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.681/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : MOBILE STATION, POSITION MANAGEMENT APPARATUS, MOBILE COMMUNICATION SYSTEM AND COMMUNICATION METHOD

(51) International classification	:H04W8/20
(31) Priority Document No	:2009-152002
(32) Priority Date	:26/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060563
Filing Date	:22/06/2010
(87) International Publication No	:WO 2010/150785
	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)ARAMOTO, MASAFUMI

2)NAOE, HIROKAZU

(57) Abstract :

A system includes a subscription storage that stores a group identifier for identifying a home base station 60 and the service available for a UE 70 as subscription information, in correspondence with a mobile terminal identifier for identifying UE 70; a positional information update request receiver for receiving a positional information update request of UE 70 from an MME 40; and a positional information response transmitter that extracts the available service corresponding to the mobile terminal included in the positional information update request, from the subscription storage and transmits a positional information update response included with the extracted service to MME 40. With this configuration, it is possible to provide a mobile communication system or the like in which, for a plurality of services provided through local IP access functionality of a home base station, the owner of a home base station or the mobile network operator can designate the access right for each of the services, and forwarding of communication data and communication path selection can be done based on the designated access right.

No. of Pages : 84 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6786/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR PRODUCING 1,6-HEXANEDIOL BY HYDROGENATION OF OLIGO- AND POLYESTERS

(51) International classification	:C07C 29/149
(31) Priority Document No	:102009002280.5
(32) Priority Date	:08/04/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/054114
Filing Date	:29/03/2010
(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

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2)PINKOS Rolf

3)TEBBEN Gerd-Dieter

4)SIRCH Tilman

5)URBANCZYK Daniel

6)URTEL Heiko

7)TOMPERS Rolf

(57) Abstract :

The present invention relates to a process for hydrogenating oligo and/or polyesters obtainable by esterifying a DCS with a diol or diol mixture said hydrogenation being performed in the presence of a catalyst whose catalyst precursor comprises copper oxide aluminum oxide and at least one oxide of lanthanum of iron of tungsten of molybdenum of titanium or of zirconium and to a process for preparing 1,6 hexanediol by catalytically hydrogenating ester mixtures which comprise as main components oligo and polyesters of adipic acid and 6 hydroxycaproic acid and are obtained by esterifying DCS with diols especially 1,6 hexanediol or diol mixtures.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6787/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : HAZARDOUS AGENT INJECTION SYSTEM

(51) International classification :A61M 5/20
(31) Priority Document No :61/162,114
(32) Priority Date :20/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/028011
Filing Date :19/03/2010
(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

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1)WOTTON Paul
2)SADOWSKI Peter L.
3)HAYES John William

(57) Abstract :

Injection systems comprising a powered injector and one or more hazardous agents are disclosed.

No. of Pages : 81 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6788/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : A METHOD FOR POSITIONING AN INSTRUMENT

(51) International classification :A61B6/04
(31) Priority Document No :2008/07513
(32) Priority Date :28/02/2009
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2010/000410
Filing Date :01/03/2010
(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

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1)CORNELIUS SCHEFFER
2)JEAN-PIERRE CONRADIE
3)DAVID ZARRABI AMIR
4)KRISTIAAN SCHREVE

(57) Abstract :

A method of positioning a surgical instrument is provided which includes mapping a volume adjacent an operating table by taking mapping images from two orientations of a calibration object which includes a 3-dimensional array of radio opaque markers in a known configuration. A patient is positioned on the operating table with a patient target area within a mapped volume and an instrument holder carrying a known configuration of radio opaque markers positioned adjacent the target area. Further fluoroscopic target images of the target area and instrument holder are obtained from the two orientations and the target area then reconstructed in 3-dimensions by comparing the target images to the mapping images. An instrument holder orientation is then calculated from the reconstruction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6789/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : FLASH X-RAY IRRADIATOR

(51) International classification	:A61N 5/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/044410
Filing Date	:18/05/2009
(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

(71)**Name of Applicant :**
1)Advanced Fusion Systems LLC
Address of Applicant :11 Edmond Road Newtown CT 06470
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(72)**Name of Inventor :**
1)Birnbach Curtis A.

(57) Abstract :

An apparatus for Flash X-ray irradiation of material includes a Flash X-ray source comprised of an electron gun and an anode. The electron gun comprises a field emission cold cathode having an electron emitting surface and a grid for controlling electron flow from the cathode to the anode. The anode has an electron-receiving main surface and an X-ray emitting oppositely facing main surface. The X-ray emitting surface emits X-radiation into an irradiation volume. The X-ray emitting surface of the anode has orthogonally oriented first and second dimensions of greater than 2 millimeters each. A high voltage pulse power supply powers the Flash X-ray source. The electron gun anode and high voltage pulse power supply are so constructed as to create sufficient X-radiation in said irradiation volume to achieve a desired level of irradiation of material in said volume.

No. of Pages : 43 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6790/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : ADAPTIVE ASSOCIATION AND JOINT ASSOCIATION AND RESOURCE PARTITIONING IN A WIRELESS COMMUNICATION NETWORK

(51) International classification :H04W 16/10
(31) Priority Document No :61/161,648
(32) Priority Date :19/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/028043
Filing Date :19/03/2010
(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

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(72)Name of Inventor :
1)BORRAN Jaber Mohammad
2)KHANDEKAR Aamod D.

(57) Abstract :

Techniques for supporting communication in a wireless network are described. In an aspect association and resource partitioning may be performed jointly to select serving base stations for user equipments (UEs) and to allocate available resources to base stations. In another aspect adaptive association may be performed to select serving base stations for UEs. In one design a base station computes local metrics for different possible actions related to association and resource partitioning (or only association). The base station receives local metrics for the possible actions from at least one neighbor base station and determines overall metrics for the possible actions based on the computed and received local metrics. The base station determines serving base stations for a set of UEs and resources allocated to the set of base stations (or just serving base stations for the set of UEs) based on the overall metrics for the possible actions.

No. of Pages : 56 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6560/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : MOBILE STATION APPARATUS, BASE STATION APPARATUS, INTEGRATED CIRCUIT, AND METHOD OF DETECTING RANDOM ACCESS PROBLEMS

(51) International classification	:H04W74/08
(31) Priority Document No	:2009-060436
(32) Priority Date	:13/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/052325
Filing Date	:17/02/2010
(87) International Publication No	:WO 2010/103895
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)KATO, YASUYUKI

4)NAKASHIMA, DAIICHIRO

(57) Abstract :

A method of detecting random access problems in a mobile station apparatus which uses a plurality of component carriers to perform random access. To achieve this, the mobile station apparatus, which is in a mobile communication system comprised of a base station apparatus and mobile station apparatuses, uses one random access channel transmission counter to detect random access problems in the plurality of component carriers.

No. of Pages : 76 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6566/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR PREPARING DENDRITIC CELLS WITH CAPACITY TO INDUCE CANCER-SPECIFIC IMMUNE RESPONSE&NBSP; AND PHARMACEUTICAL COMPOSITION AND KIT INCORPORATING DENDRITIC CELLS FOR PREVENTING OR TREATING CANCER OR INHIBITING METASTASIS□

(51) International classification :C12N5/0784

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/KR2009/001650

Filing Date :31/03/2009

(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)BAE Yong Soo

2)MIN Mi Kyung

3)SEONG Young Rim

4)JANG Jin Ah

5)YUN Sun Ok

(57) Abstract :

The present disclosure relates to a method for preparing mature dendritic cells having a significantly improved capacity for inducing cancer-specific immune response; a pharmaceutical composition for preventing or treating cancer or inhibiting cancer metastasis containing the mature dendritic cells prepared by using the method; and a pharmaceutical kit incorporating the mature dendritic cells prepared by the above method and imiquimod. The present disclosure makes it possible to prepare safe mature dendritic cells which significantly improve the capacity for inducing cancer-specific immune response with very low toxicity. The mature dendritic cells prepared in accordance with the present disclosure are effective in preventing and treating cancer or inhibiting metastasis. The imiquimod incorporated in the pharmaceutical kit of the present disclosure improves the effect of cancer immunotherapy and of preventing and treating cancer and inhibiting metastasis of the mature dendritic cells.

No. of Pages : 67 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6567/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHODS AND APPARATUS FOR COMBINED PEER TO PEER AND WIDE AREA NETWORK BASED DISCOVERY

(51) International classification :H04W4/02
(31) Priority Document No :12/413,877
(32) Priority Date :30/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/028410
Filing Date :24/03/2010
(87) International Publication No :WO 2010/117627 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)JUNYI LI
3)VINCENT D. PARK
4)YING WANG
5)ALEKSANDAR JOVICIC

(57) Abstract :

A first wireless communications device includes a wide area network (WAN) interface and a peer to peer interface. The first device discovers the presence of a second wireless communications device via a peer discovery signal, received via its peer to peer interface. The second device has been transmitting, e.g., periodically, certain information, e.g., its location and/or shopping preferences, to a node within the WAN. The detected first signal triggers an application alert in the first device. The first device recovers past information about the second device through a second signal received via its WAN interface. The first device uses information communicated in the first signal, e.g., device identifier information, and information communicated in the second signal, e.g., past location and/or shopping information, to generate a targeted message for the second device. The first device communicates the targeted message via its peer to peer interface in a peer to peer traffic channel.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.853/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/01/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : ELECTRICAL STORAGE ELEMENT CONTROL SYSTEM FOR A VEHICLE

(51) International classification	:B60R16/033
(31) Priority Document No	:12/534,008
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043577
Filing Date	:28/07/2010
(87) International Publication No	:WO 2011/014572 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)LATTIN, ROBERT M.

(57) Abstract :

An electrical storage element control system for a vehicle. The control system includes electrical storage elements electrically coupled to each other in parallel, switch devices, and a controller. Each of the electrical storage elements defines a total storage capacity and having a state of charge cooperatively defining a total stored charge, and is adapted to be in electrical communication with an electrical load and a power source. The switch devices are electrically coupled to the electrical storage elements such that each switch device is associated with a corresponding electrical storage element and is operable between connected and disconnected states. The controller is in electrical communication with the switch devices to selectively vary each of the switch devices between the connected state and the disconnected state to connect and disconnect one or more of the electrical storage elements relative to the load based on the total stored charges and relative to the power source based on the total storage capacities of the electrical storage elements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6791/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : ASSOCIATION WITH LEAKAGE-BASED METRICS IN A WIRELESS NETWORK

(51) International classification :H04W 48/20

(31) Priority Document No :61/161,655

(32) Priority Date :19/03/2009

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

(86) International Application No :PCT/US2010/028059

Filing Date :19/03/2010

(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

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2)KHANDEKAR Aamod D.

(57) Abstract :

Techniques for performing association with leakage-based metrics in a wireless network are described. Association may be performed to select a serving node (e.g. a base station or a relay) for a station (e.g. a UE or a relay). In one design at least one metric may be determined for at least one candidate node for possible association by the station. A metric for each candidate node may be determined based on leakage of the candidate node. The leakage of the candidate node may include interference due to the candidate node at stations not served by the candidate node (excluding the station). The metric for each candidate node may include a signal-to-leakage ratio (SLR) a geometry-to-leakage ratio (GLR) or a throughput-to-leakage ratio (TLR). A serving node for the station may be selected from among the at least one candidate node based on the at least one metric.

No. of Pages : 38 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6792/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHODS AND APPARATUS FOR ADVERTISEMENT MIXING IN A COMMUNICATION SYSTEM

(51) International classification	:H04L29/08
(31) Priority Document No	:61/162,772
(32) Priority Date	:24/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028545
Filing Date	:24/03/2010
(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

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1)RAJARSHI Ray

(57) Abstract :

A method operable by a network node includes determining an advertisement associated with a communication device mixing the advertisement with a call service to be provided to the communication device and transmitting the advertisement and the call service to the communication device. An apparatus includes a receiver configured to receive a call service processing module configured to obtain an advertisement associated with the call service and rendering module configured to render the advertisement.

No. of Pages : 45 No. of Claims : 84

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/01/2012

(21) Application No.852/CHENP/2012 A

(43) Publication Date : 19/04/2013

(54) Title of the invention : INTEGRATED FUEL CELL SYSTEM WITH AUXILIARY POWER DELIVERY

(51) International classification :H01M8/02
(31) Priority Document No :12/458,356
(32) Priority Date :08/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/041221
Filing Date :07/07/2010
(87) International Publication No :WO 2011/005866 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SRINIVASAN, RAMESH
3)AARON, STUART
4)LIGHT, PETER
5)RICHMAN, JOSH
6)GURUNATHAN, RANGANATHAN
7)PEARSON, CHAD

(57) Abstract :

A method of providing electrical power using a split bus configuration includes receiving a first direct current at a positive bus of a split bus, where the first direct current originates from a first fuel cell segment. A second direct current is received at a negative bus of the split bus, where the second direct current originates from a second fuel cell segment. A third direct current is also received at the split bus such that a combined direct current is formed including the first direct current, the second direct current, and the third direct current. The third direct current originates from an alternative direct current (DC) source. The combined direct current is provided to an inverter such that an alternating current is generated for a load.

No. of Pages : 29 No. of Claims : 26

(54) Title of the invention : POLYCYCLIC DITHIOPHENES

(51) International classification	:C08G61/12
(31) Priority Document No	:09161243.2
(32) Priority Date	:27/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057038
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/136401
	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)KIRNER, HANS, JURG**2)CHEBOTAREVA, NATALIA****3)AEBISCHER, OLIVER, FREDERIC**

(57) Abstract :

The present invention relates to novel compounds of the formula (I) wherein R1 and R1' independently of each other are H or a substituent, halogen or SiR6R4R5; R2 and R2' may be the same or different and are selected from CrC25alkyl, C3-Ci2cycloalkyl, C2-C25alkenyl, C2-C25alkynyl, C4-C25aryl, C5-C25alkylaryl or C5-C25aralkyl, each of which is unsubstituted or substituted, and under conditions as defined in claim 1, R2 and/or R2' may also be halogen or hydrogen; X is a divalent linking group selected from Y and Y' independently are selected from n and p independently range from 0 to 6; where further symbols are as defined in claim 1, and to corresponding oligomers and (co)polymers. The compounds according to the invention are useful as semiconductors and have excellent solubility in organic solvents and excellent film-forming properties. In addition, high efficiency of energy conversion, excellent field-effect mobility, good on/off current ratios and/or excellent stability can be observed, when the polymers according to the invention are used in organic field effect transistors, organic photovoltaics (solar cells) and photodiodes.

No. of Pages : 75 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/01/2012

(21) Application No.913/CHENP/2012 A

(43) Publication Date : 19/04/2013

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION FOR AN IONTOPHORESIS

(51) International classification :A61K31/573
(31) Priority Document No :2009-179895
(32) Priority Date :31/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/004779
Filing Date :28/07/2010
(87) International Publication No :WO 2011/013359
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)HASUI, AKIHIRO
2)MIYAGI, TAKAMITSU

(57) Abstract :

It is an object of the present inventions to produce a pharmaceutical composition for the iontophoresis wherein a drug stability is excellent, and it is easy to blend and fill up when manufactured and it is possible to manufacture at low cost. A pharmaceutical composition for an iontophoresis according to the present invention, is characterized in that the composition contains a nonionic synthetic polymer, betamethasone sodium phosphate and solvent. Furthermore, in a preferred embodiment of a pharmaceutical composition for an iontophoresis according to the present invention, the composition is characterized in that the nonionic synthetic polymer is polyvinyl alcohol (PVA). Furthermore, in a preferred embodiment of a pharmaceutical composition for an iontophoresis according to the present invention, the composition is characterized in that the mixing amount of the polyvinyl alcohol (PVA) is 0.5 to 30.0 percent by weight.

No. of Pages : 52 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9977/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/12/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : ORALLY DISINTEGRATING DOSAGE FORMS CONTAINING TASTE-MASKED ACTIVE INGREDIENTS

(51) International classification	:A61K9/32
(31) Priority Document No	:09161910.6
(32) Priority Date	:04/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057515
Filing Date	:31/05/2010
(87) International Publication No	:WO 2010/139654
	A3
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)KOLTER, KARL

2)ANGEL, MAXIMILIAN

(57) Abstract :

Orally disintegrating dosage forms of taste-masked active ingredients which are provided, for masking the taste, with a coating of polymers which comprise N,N-diethylaminoethyl methacrylate (DEAEMA) polymerized therein, and in which the taste-masked active ingredients are embedded into an orally disintegrating matrix.

No. of Pages : 37 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6814/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : PISTON AND WITH CENTRAL DIRECTIONAL OIL FLOW AND WRIST PIN LUBRICATION
FEATURE AND METHOD OF CONSTRUCTION THEREOF

(51) International classification	:F16J1/08
(31) Priority Document No	:61/155,945
(32) Priority Date	:27/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025484
Filing Date	:26/02/2010
(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

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(72)**Name of Inventor :**
1)RIBEIRO Carmo

(57) Abstract :

A piston has a piston body extending along a central axis. The piston body has an upper crown portion and a lower crown portion. The upper crown portion has an upper combustion wall and an at least one annular upper rib depending from the upper combustion wall to a free end. The lower crown portion has at least one annular lower rib extending to a free end that is fixed to the at least one upper rib and an inner gallery floor extending radially inwardly relative to the at least one lower rib. The upper crown portion has an upper post depending from the upper combustion wall along the central axis to a free end. The lower crown portion has a lower post extending upwardly from the inner gallery floor along the central axis to a free. Together the upper post and the lower post form a labyrinth passage.

No. of Pages : 14 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6815/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : PACKAGE MATERIAL FOR ADHESIVE BANDAGE AND PACKAGED ADHESIVE BANDAGE

(51) International classification :A61F13/02
(31) Priority Document No :2009-072710
(32) Priority Date :24/03/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/054453
Filing Date :16/03/2010
(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

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1)HATANAKA Tomio
2)SUMITANI Yumi

(57) Abstract :

Disclosed herein is a package material for adhesive bandage which is used for packaging therein an adhesive bandage including a surface base having one surface an adhesive layer provided on the one surface of the surface base and a releasing sheet attached to the adhesive layer so as to cover it. The package material comprises a first sheet having a first sheet base and a first cold seal layer provided on the first sheet base and a second sheet having a second sheet base and a second cold seal layer provided on the second sheet base. The first cold seal layer faces the surface base of the adhesive bandage and the second cold seal layer faces the releasing sheet of the adhesive bandage when the adhesive bandage is packaged in the package material.

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9981/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/12/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : IMPROVEMENTS IN EFFICIENCY

(51) International classification	:C10L1/18
(31) Priority Document No	:0909351.9
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050921
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/139994 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)COONEY, ANTHONY

2)ROSS, ALAN

3)BURGESS, VINCENT

(57) Abstract :

An additive, comprising a fatty acid and/or a derivative of a fatty acid and an amine, is used in a fuel for the purpose of increasing the efficiency of an engine combusting said fuel, in particular for the purpose of reducing the losses arising from the sliding of the pistons of an engine within their cylinders, and preferably with the result that fuel economy is improved.

No. of Pages : 54 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9985/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/12/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : PLANAR LIGHT EMITTING DEVICE AND METHOD OF MANUFACTURING SAME

(51) International classification	:H01H13/02
(31) Priority Document No	:2009-150305
(32) Priority Date	:24/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004203
Filing Date	:24/06/2010
(87) International Publication No	:WO 2010/150546
	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)INADA, TOMOSADA

2)SATO, SHIMPEI

3)EDO, TAKASHI

(57) Abstract :

A planar light emitting device provided with a light source; a sheet-like light guide that is arranged in the vicinity of the light source to guide light from the light source in a planar direction, and has a plurality of light emitting regions, and a through slit that is formed between the light emitting regions to penetrate the light guide in a thickness direction; a switch sheet that is arranged so as to face one of the front face and the rear face of the light guide; and a light-blocking layer that has a flange portion that covers an opening edge portion of the through slit, a main body portion that covers at least one of the mutually facing inner wall surfaces of the through slit so as to form a space in the interior of the through slit and that continuous with the flange portion, and a bottom portion that is extended from a lower portion of the main body portion.

No. of Pages : 111 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.655/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : OPTIMIZING THE PRODUCTION OF ANTIBODIES

(51) International classification :C07K16/00

(31) Priority Document No :09009640.5

(32) Priority Date :24/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/004509

Filing Date :22/07/2010

(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)HILGER Bernhard

3)KAISER Thorsten

4)KUHNE Wolfgang

5)STIENS Lars

6)WALLERIUS Claus

7)ZETTL Frank

(57) Abstract :

A general method is provided for the production of purified antibodies by separation of an antibody molecule from an antibody variant by chromatographic methods e.g. to enhance therapeutic efficacy by for example choosing a specific harvesting time point and/or a specific purification scheme.

No. of Pages : 64 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6550/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : TURBO BLOOD PUMP□

(51) International classification	:A61M1/10
(31) Priority Document No	:2009-05□346
(□2) Priority Date	:09/03/2009
(33) Name of priority country	:Japan
(86□ International Application No	:PCT/JP2010/053774
Filing Date	:08/03/2010
(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

(71)Name of Applicant :

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(72)Name of Inventor :

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(57) Abstract :

The invention provides an artificial airway device to facilitate lung ventilation of a patient comprising at least one airway tube (2) and a mask (3) carried at one end of the at least one airway tube the mask having a peripheral formation (7) capable of conforming to and of readily fitting within the actual and potential space behind the larynx of the patient so as to form a seal around the circumference of the laryngeal inlet the peripheral formation surrounding a hollow interior space or lumen of the mask and the at least one airway tube opening into the lumen of the mask wherein the mask is arranged to provide a space within the pharynx of the patient for the drainage of gastric matter leaving the oesophagus which space ...

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6551/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD FOR PERFORMING HYBRID AUTOMATIC REPEAT REQUEST OPERATION IN A WIRELESS MOBILE COMMUNICATION SYSTEM

(51) International classification :H04L1/18
(31) Priority Document No :10-2009-0014119
(32) Priority Date :19/02/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/001050
Filing Date :19/02/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Jae-Weon CHO
3)Ho-Kyu CHOI
4)Su-Ryong JEONG
5)Chi-Woo LIM
6)Ki-Chun CHO

(57) Abstract :

A method for performing a Hybrid Automatic Repeat reQuest (HARQ) operation in a wireless mobile communication system that uses Frequency Division Duplex (FDD) or Time Division Duplex (TDD) frames each having a plurality of subframes for communication are provided in which an HARQ timing including a transmission time of a data burst and a transmission time of an HARQ feedback for DL HARQ is determined according to data burst assignment information transmitted in a #l DownLink (DL) subframe of a #i frame and an HARQ operation is performed according to the determined HARQ timing. At least one frame index and at least one subframe index that represent the HARQ timing are determined by using l and i.

No. of Pages : 77 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6552/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : ORALLY DISINTEGRATING TABLET□

(51) International classification :A61K9/20
(31) Priority Document No :2009-063148
(32) Priority Date :16/03/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/053761
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

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(72)Name of Inventor :
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2)TAKEUCHI Hirofumi

(57) Abstract :

It is an object to provide an orally disintegrating tablet produced by dry granulation and compression having a hardness of 40 N or more a disintegration time of 30 seconds or shorter a friability of 0.1% or less and an excellent feeling upon ingestion that is capable of disintegrating with a small amount of water having a rapid disintegration time and being maintained stably in a tablet form which could not been achieved by conventional procedures. Disclosed is an orally disintegrating tablet produced by dry granulation which contains a medicinal ingredient with silica and sugar alcohol or/and sugar.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1171/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 19/04/2013

(54) Title of the invention : ANTIBACTERIAL COMPOSITION FOR PURIFIED DRINKING WATER AND PREPARATION THEREOF

(51) International classification	:A01N59/16
(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)SUDIPTA CHAKRABARTI

(57) Abstract :

The invention relates to an antibacterial composition for adsorption of water borne bacteria, where in the antibacterial composition have three types of adsorbent material comprising common sand, sulfide salt of sodium and nitrates of silver which is mixed in the ratio ranging from 59:5:1 to 30:3:1. The invention also relates to the method of preparation of the antibacterial composition for adsorption of water borne bacteria, wherein the common sand, sulfide salt of sodium and nitrates of silver which is mixed in the ratio ranging from 59:5:1 to 30:3:1. The adsorbing media or compound of the antibacterial composition adsorbs the bacteria from water and transform its properties to another state of structure i.e. the antibacterial composition works like a converting engine which can convert organic properties of water borne bacteria to different chemical properties that have supplemental nutritional values in drinking water.

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

(54) Title of the invention : AN IMPROVED PROCESS OF FORMING U-ROD HANGER SUPPORT FOR SUSPENDING BOILER COMPONENTS

(51) International classification :F22B37/24
 (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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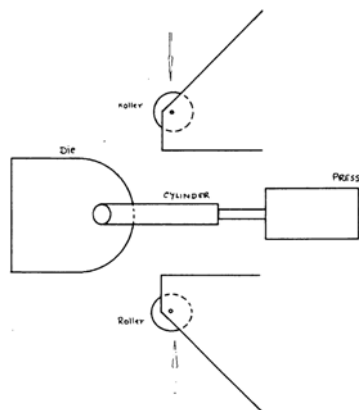
3)RAJAMANICKAM MEENAKSHI SUNDARAM

4)PRASHANTH CHIDAMBARANATHAN

5)RAVI SHANKAR MANOHARAN

(57) Abstract :

The invention relates to manufacturing of U shaped rod hangers for suspending drums & headers in power boiler, material is used to withstand very high temperature. This process involves many sub-processes like bending, threading & welding which require lot of manpower & also a very time consuming process. To eliminate these difficulties, a new process is proposed. By manufacturing using the proposed setup & process, the welding process is eliminated completely & U rod is manufactured easily just by pressing the lengthy rod at one stretch, thus saving cost, time and effort. It prevents scale formation & welding effects, thus leads to good quality product.



No. of Pages : 15 No. of Claims : 2

(54) Title of the invention : FREE-TIPPED AXIAL FAN ASSEMBLY

(51) International classification :F04D29/38,F04D29/68
 (31) Priority Document No :61/308,375
 (32) Priority Date :26/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/026264
 Filing Date :25/02/2011
 (87) International Publication No :WO 2011/106658
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

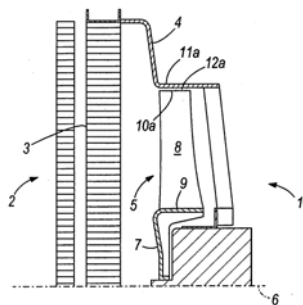
1)ROBERT BOSCH GMBHAddress of Applicant :Postfach 30 02 20, 70442 Stuttgart
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(72)Name of Inventor :

1)VAN HOUTEN, Robert, J.

(57) Abstract :

A free-tipped axial fan assembly includes fan having a blade tip geometry which provides a desired blade loading in the presence of a tip gap. The maximum camber exhibits a sudden and significant increase as the blade tip radius R is closely approached in the direction of increasing radial position. In some constructions the maximum camber at the blade tip radius R is at least 10 percent greater than the maximum camber at a radial position r where $r/R = 0.95$. In some constructions the blade angle increases by more than 0.01 radians from a radial position r where $r/R = 0.95$ to the blade tip radius R . The maximum camber at the blade tip radius R is at least 0.06 times the chord length in some constructions.



No. of Pages : 26 No. of Claims : 19

(54) Title of the invention : PHASE STABLE DOPED ZIRCONIA ELECTROLYTE COMPOSITIONS WITH LOW DEGRADATION

(51) International classification:H01M8/12,H01M8/02,C04B35/01

(31) Priority Document No :61/298,468

(32) Priority Date :26/01/2010

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

(86) International Application No :PCT/US2011/021664

Filing Date :19/01/2011

(87) International Publication No :WO 2011/094098

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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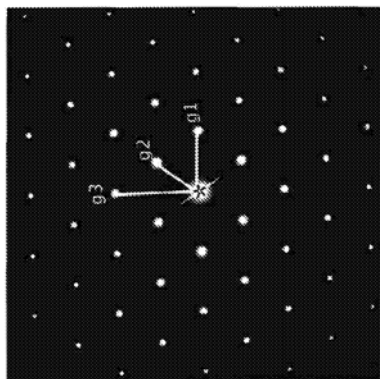
2)BATAWI, Emad El

3)JANOUSEK, Martin

4)PILLAI, Manoj

(57) Abstract :

A solid oxide fuel cell (SOFC) includes a cathode electrode, a solid oxide electrolyte and an anode electrode. The electrolyte and/or electrode composition includes zirconia stabilized with (i) scandia, (ii) ceria, and (iii) at least one of yttria and ytterbia. The composition does not experience a degradation of ionic conductivity of greater than 15% after 4000 hrs at a temperature of 850C.



No. of Pages : 23 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2259/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

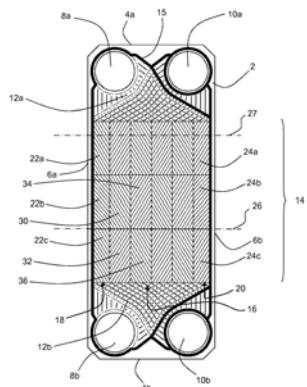
(54) Title of the invention : PLATE HEAT EXCHANGER PLATE AND PLATE HEAT EXCHANGER

(51) International classification :F28F3/04,F28F3/08
(31) Priority Document No :1050392-8
(32) Priority Date :21/04/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/050434
Filing Date :11/04/2011
(87) International Publication No :WO 2011/133087
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ALFA LAVAL CORPORATE AB
Address of Applicant :Box 73, SE- 22100 Lund, SWEDEN
(72)Name of Inventor :
1)BLOMGREN, Ralf
2)BLOMGREN, Fredrik

(57) Abstract :

A plate heat exchanger plate (2) with a main heat transfer portion (14) comprising a first area (16) comprising a first field (30) with first corrugations arranged substantially on one side of a straight first line (26) intersecting with second side edges (6a, 6b) and a second field (32) with second corrugations arranged substantially on an opposite side of the first line (26) is provided. The main heat transfer portion (14) comprises a first outer area (18) arranged between a first area (16) and a first of the second side edges (6a) and extends along the first second side edge (6a) between two distribution portions (12a, 12b). In the first outer area (18) there are arranged first protrusions and recesses directed in a first general direction in relation to a straight second line (27) parallel to one of first side edges (4a, 4b). A plate (2) with a straight first second edge (6a) may thus be provided when corrugations in the first area (16) are directed in different directions.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1023/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :02/08/2011

(43) Publication Date : 19/04/2013

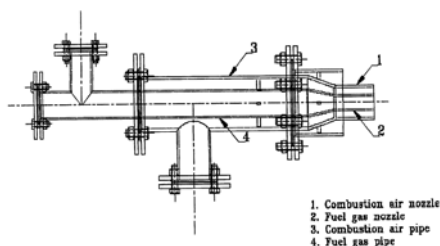
(54) Title of the invention : IMPROVED LIGHTING UP SYSTEM OF MAIN BURNERS FOR IGNITION OF SINTER CHARGES AND THE METHOD THEREOF

(51) International classification :F23Q9/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STEEL AUTHORITY OF INDIA LIMITED
Address of Applicant :RESEARCH & DEVELOPMENT
CENTRE FOR IRON & STEEL, DORANDA, RANCHI-834002
Jharkhand India
(72)**Name of Inventor :**
1)THODIMI SREENIVASA REDDY
2)BANERJEE PARTHA
3)JOJO MARTIN

(57) Abstract :

The present invention relates to an improved lighting up system for sinter charges comprising of a plurality of main burners disposed on the roof of the igniting hearth characterized by two numbers of pilot burners mounted horizontally just below the main burners configured for lighting up the main burners for establishing curtain flame ignition system and an improved lighting up method for said sinter charges.



No. of Pages : 11 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1332/KOL/2011 A

(43) Publication Date : 19/04/2013

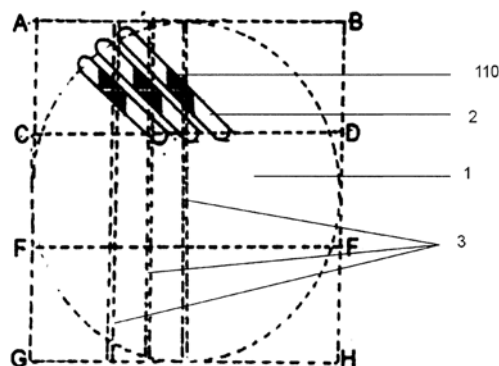
(54) Title of the invention : SOUND MODIFYING ACOUSTIC WIDGET

(51) International classification :A63H3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SINGH SANASAM KENEDY
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PISHUMTHONG OINAM LEIKAI, IMPHAL WEST-795001,
MANIPUR, West Bengal India
2)SINGH NAMEIRAKPAM JILATOMBI
3)SINGH HEISNAM BHAGAT
(72)Name of Inventor :
1)SINGH SANASAM KENEDY
2)SINGH NAMEIRAKPAM JILATOMBI
3)SINGH HEISNAM BHAGAT

(57) Abstract :

The present invention relates to a musical instrument being a sound modifying acoustic widget, said instrument comprises: a body consisting of an elongate neck region with an operative upper side consisting of a finger board region and an operative lower side culminating into a hollow shell region, said hollow shell region including an operative front relatively wide open side and an operative rear relatively narrow open side; a diaphragm adapted to cover said operative front open side of said shell; at least a plurality of pre-shaped bridges on said diaphragm, each of said bridges adapted to span a portion of said hollow shell region; and at least a plurality of strings, corresponding to said bridges, each of said strings adapted to run along said neck and over a corresponding bridge and terminating at operative lower part of said shell.



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

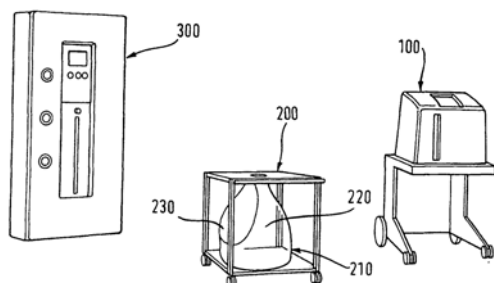
(54) Title of the invention : SYSTEM FOR CARRYING OUT A BLOOD TREATMENT

(51) International classification :A61M1/16
 (31) Priority Document No :10 2010 011 465.0
 (32) Priority Date :15/03/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/001261
 Filing Date :14/03/2011
 (87) International Publication No :WO 2011/113572
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH
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 Homburg GERMANY
 (72)Name of Inventor :
1)POHLMEIER Robert
2)HERRENBAUER Michael
3)G-MPEL-KLEIN Patricia
4)KRAUSE Alfred
5)WEHMEYER Wolfgang

(57) Abstract :

The invention relates to a system for carrying out a blood treatment, in particular a dialysis treatment, wherein the system comprises at least one blood treatment device (100), in particular a dialysis device, and at least one tank (210) from which, during the course of the blood treatment, treatment liquid (230), in particular dialysing liquid, is withdrawn and/or into which, during the course of the blood treatment, spent treatment liquid, in particular spent dialysing liquid, is filled, wherein the tank is part of at least one mobile unit (200) that can be connected to the blood treatment device such that at least one fluid connection can be produced between the tank and the blood treatment device.



No. of Pages : 24 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2263/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

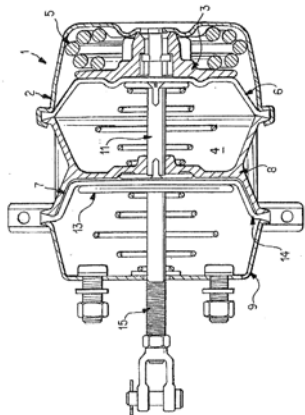
(54) Title of the invention : INTEGRAL LIGHT WEIGHT SPRING BRAKE ACTUATOR AND MOUNT

(51) International classification :F16D51/00
(31) Priority Document No :12/723,227
(32) Priority Date :12/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/028016
Filing Date :11/03/2011
(87) International Publication No :WO 2011/112884
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BENDIX SPICER FOUNDATION BRAKE LLC
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(72)Name of Inventor :
1)SCHECKELHOFF Kenneth E.
2)PLANTAN Ronald S.

(57) Abstract :

An improved integral spring brake actuator and mount is provided in which a portion of the spring brake actuator is integrally formed with a connecting flange and a brake cam shaft support tube. The improved integral spring brake actuator and mount is significantly lighter than previous multi-part built-up spring brake actuators and mounting brackets, decreasing vehicle weight, eliminating the need for costly high-quality welding and lowering manufacturing costs. The integral spring brake actuator and mount may be formed from cast aluminum.



No. of Pages : 17 No. of Claims : 9

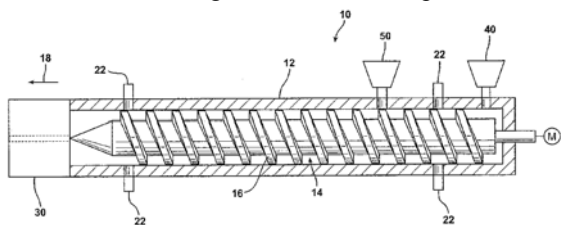
(54) Title of the invention : ADDITIVE BLEND FOR ENHANCING WATER VAPOR PERMEABILITY AND INCREASING CELL SIZE IN THERMOPLASTIC FOAMS

(51) International classification :C08J9/00
 (31) Priority Document No :12/696,716
 (32) Priority Date :29/01/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/022664
 Filing Date :27/01/2011
 (87) International Publication No :WO 2011/094373
 (61) Patent of Addition 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)DELAVIZ, Yadollah
2)BRIENDEL, Raymond, M.
3)BUDINCAK, John, F., Jr.

(57) Abstract :

Polymeric foam and polymeric foam products that contain a foamable polymer material, at least one blowing agent, an additive blend of polyethylene oxide and a copolymer of polystyrene and maleic anhydride, and optionally, an infrared attenuating agent are provided. In exemplary embodiments, the polyethylene oxide is ethoxylated polyethylene oxide. Additionally, in at least one embodiment, the blowing agent includes at least one hydrofluorocarbon blowing agent. The blend of ethoxylated polyethylene oxide and copolymer of polystyrene and maleic anhydride provides a water vapor permeability of 1.1 perm inch or greater in the extruded foam product and increases the average cell size of the foam product without detrimentally affecting physical or thermal properties of the product. Additionally, the additive acts as a cell enlarger, a water vapor permeability enhancer, a plasticizer, and a processing aid. A method of forming an extruded foam product is also provided.



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

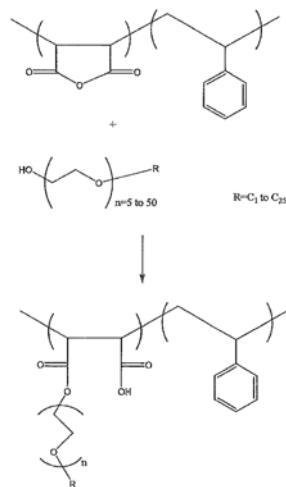
(54) Title of the invention : POLYSTYRENE/POLYETHYLENE OXIDE COPOLYMER FOR ENHANCING WATER VAPOR PERMEABILITY IN THERMOPLASTIC FOAMS

(51) International classification :C08J9/06,C08K3/04,C08L95/00
 (31) Priority Document No :12/696,634
 (32) Priority Date :29/01/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/022663
 Filing Date :27/01/2011
 (87) International Publication No :WO 2011/094372
 (61) Patent of Addition 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)WEEKLEY, Mitchell, Z.
4)BUDINCAK, John, F., Jr.

(57) Abstract :

Polymeric foam and polymeric foam products that contain a foamable polymer material, at least one blowing agent, a polystyrene/polyethylene oxide copolymer, and optionally, an infrared attenuating agent, are provided. In exemplary embodiments, the blowing agent includes at least one hydrofluorocarbon blowing agent. The maleic anhydride-styrene copolymer grafted with polyethylene oxide provides a water vapor permeability of 1.1 perm inch or greater in the extruded foam product without detrimentally affecting physical or thermal properties of the product. Additionally, the copolymer of maleic anhydride styrene grafted with polyethylene oxide has a positive affect on the processability of the blowing agent(s) in the composition by both widening the process window and enhancing the solubility of the blowing agent in the polymer melt. Thus, the polystyrene/polyethylene oxide copolymer present in the inventive composition acts as a cell enlarger, a plasticizer, and a processing aid. A method of forming an extruded foam product is also provided.



No. of Pages : 32 No. of Claims : 20

(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR TREATING AND/OR PREVENTING CANCER

(51) International classification :A61K39/395,A61P35/00,A61P35/02
 (31) Priority Document No :2010-023450
 (32) Priority Date :04/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/052382
 Filing Date :04/02/2011
 (87) International Publication No :WO 2011/096517
 (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)SAITO Takanori**2)OKANO Fumiyoshi****3)KOBAYASHI Shinichi**

(57) Abstract :

The present invention identifies a cancer antigen protein which is expressed specifically on the surface of a cancer cell, and provides a use of an antibody which targets the cancer antigen protein, as a therapeutic and/or prophylactic agent for cancer. Specifically disclosed is a pharmaceutical composition for the treatment and/or prevention of cancer, which is characterized by containing, as an active ingredient an antibody that is immunologically reactive with a partial polypeptide of CAPRIN 1 represented by the even numbered sequences of SEQ ID NOS: 2-30, said partial polypeptide comprising the amino acid sequence represented by SEQ ID NO: 37 or an amino acid sequence having 80% or more sequence identity to the amino acid sequence, or a fragment of the antibody.



No. of Pages : 232 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2267/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : THERAPEUTIC OR PROPHYLACTIC AGENT FOR BILIARY DISEASES

(51) International classification :A61K31/485,A61P1/16,A61P1/18

(31) Priority Document No :2010-018730

(32) Priority Date :29/01/2010

(33) Name of priority country :Japan

(86) International Application
No :PCT/JP2011/051737

Filing Date :28/01/2011

(87) International Publication
No :WO 2011/093441

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

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CHOME, CHUO-KU, TOKYO 103-8666, JAPAN

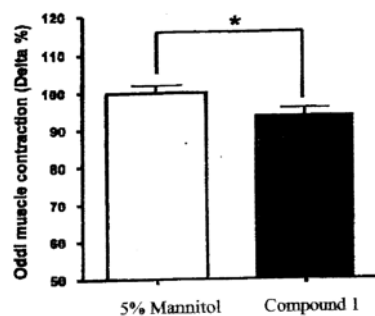
(72)Name of Inventor :

1)KOBAYASHI, Ryosuke

2)NAKAO, Kaoru

(57) Abstract :

Disclosed is a novel medicinal agent which has an excellent therapeutic effect on biliary diseases and is therefore is useful for the treatment or prevention of biliary diseases. Specifically disclosed is a therapeutic or prophylactic agent for biliary diseases, which comprises a compound having a specific morphinan backbone typified by compound 1 or a pharmacologically acceptable acid addition salt thereof as an active ingredient.



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

(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR TREATING AND/OR PREVENTING CANCER

(51) International classification :A61K39/395,A61P35/00,A61P35/02
 (31) Priority Document No :2010-023453
 (32) Priority Date :04/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/052412
 Filing Date :04/02/2011
 (87) International Publication No :WO 2011/096533
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)TORAY INDUSTRIES, INC.

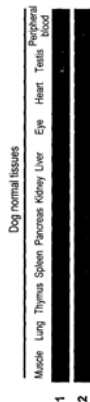
Address of Applicant :1-1, NIHONBASHI-MUROMACHI 2-CHOME, CHUO-KU, TOKYO 103-8666, JAPAN

(72)Name of Inventor :

1)KOBAYASHI Shinichi**2)OKANO Fumiyoshi****3)SAITO Takanori**

(57) Abstract :

The present invention identifies a cancer antigen protein which is expressed specifically on the surface of a cancer cell, and provides a use of an antibody, which targets the cancer antigen protein, as a therapeutic and/or prophylactic agent for cancer. Specifically disclosed is a pharmaceutical composition for the treatment and/or prevention of cancer, which is characterized by containing, as an active ingredient, an antibody that is immunologically reactive with a partial polypeptide of CAPRIN 1 represented by the even-numbered sequences of SEQ ID NOS: 2-30, said partial polypeptide comprising the amino acid sequence represented by SEQ ID NO: 37 or an amino acid sequence having 80% or more sequence identity to the amino acid sequence, or a fragment of the antibody.



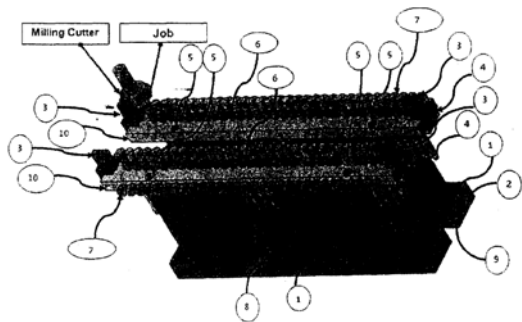
No. of Pages : 242 No. of Claims : 15

(54) Title of the invention : A DEVICE FOR SIMULTANEOUS SLOT MILLING MACHINING OF MULTIPLE COMPONENTS IN A MILLING MACHINE

(51) International classification	:B23Q5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION (ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI-110049, INDIA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KATHAMUTHU SOMASUNDARAM
(62) Divisional to Application Number	:NA	2)MANI BALAMURUGAN
Filing Date	:NA	3)KRISHNAMOORTHY SAKETHARAMAN

(57) Abstract :

The invention relates to a device for simultaneous slot milling/machining of multiple components in a milling machine; the device comprising a base (01) fabricated to form a structure accommodating the machineable components; a plurality of slots for bolt (02) at the centre of the base (01) to hold the device on the machine; a plurality of first guides (03) fitted at the top end of the machine for guiding the milling cutter of the machine; corresponding number of first Allen Screws for a second plurality of guides (04) fixing the first guides (03) to the device; a pair of rail with holes (10) at side of the base (01) for holding the first alien screws (07) including the job at the top of the machine; a second set of alien Screws (05) for holding the rail through the holes; a multiplicity of Collars (06) fitted on top of the Rails (10) to hold the job without vibration; the plurality of first alien Screws (07) for arresting the Job during machining; and a Centre support plate (09) to provide the support for the device.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2253/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

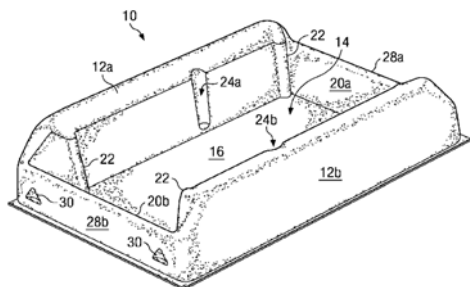
(54) Title of the invention : A PRODUCT PACKAGE UTILIZING AN INFORMATION INDICATOR HELD IN A PRODUCT TRAY

(51) International classification :B65D6/04
(31) Priority Document No :12/701,321
(32) Priority Date :05/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023820
Filing Date :04/02/2011
(87) International Publication No :WO 2011/097530
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)DOSTER, Gary A.

(57) Abstract :

A product package having a product tray and an information indicator that can be mounted in the tray. The information indicator is operable to be held in the product tray and the product placed into the tray on top of the information indicator. The tray is operable to protect the product from damage during storage or transport as well as provide an enhanced appearance during display. The information indicator is operable to convey information to the consumer as well as assist in removal of the product from the product tray.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2255/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : LASER EXPOSURE METHOD AND PRODUCT

(51) International classification :G03F7/20
(31) Priority Document No :2010-129076
(32) Priority Date :04/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/061719
Filing Date :23/05/2011
(87) International Publication No :WO 2011/152235
(61) Patent of Addition 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)SHIGETA, Tatsuo
2)HORIUCHI, Hitoshi

(57) Abstract :

Provided is a high-resolution laser exposure method which can perform high-resolution laser plate-making for gravure plate-making, offset plate making or flexo plate making etc. and which can also be employed in, for example, special printing for the prevention of forgery of paper money and the like, or in the laser exposure of a circuit pattern for an electronic component such as a printed circuit board, liquid crystal display or plasma display and the like, and also provided is a product manufactured using the laser exposure method. A laser exposure device is employed in the exposure method in which, by scanning a laser beam a row of laser spots is formed having a prescribed length in a photosensitive film and the photosensitive film which is applied to a plate surface is exposed in order to form photosensitized portions and non photosensitized portions. The scanning is performed sequentially in which a subsequently scanned laser spot row is scanned and exposed in such a way that at least half of the region in the width direction of a previously scanned laser spot row is superimposed and exposed.



No. of Pages : 32 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2282/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 19/04/2013

(54) Title of the invention : COMPOSITION COMPRISING ELLAGIC ACID AND A PARTICULAR CATIONIC SURFACTANT, AND COSMETIC USE THEREOF

(51) International classification :A61K8/41,A61K8/49,A61Q5/12
(31) Priority Document No :1051444
(32) Priority Date :01/03/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/052933
Filing Date :28/02/2011
(87) International Publication No:WO 2011/107432
(61) Patent of Addition 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)DERKX Tiphaine
2)RICHET Laurence

(57) Abstract :

The invention relates to a cosmetic or dermatological composition comprising, in a cosmetically acceptable medium: (i) one or more compounds chosen from ellagic acid, ethers thereof and ellagic acid salts or ether salts thereof, and (ii) one or more cationic surfactants comprising one or more particular permanent positive charges. The invention also relates to a cosmetic process for treating keratin materials with this composition, especially for eliminating and/or reducing dandruff.

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1337/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : HEATING DEVICE FOR THE IRONING TOP OF AN IRONING BOARD

(51) International classification	:D06F81/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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MONSELICE (PROV. OF PADOVA) ITALY

(72)**Name of Inventor :**

1)SUDHANA HEM

(57) Abstract :

A heating device (10) for the ironing top of an ironing board, comprising a flexible flat element (11), to be associated with a top (12) of an ironing board (13), provided with heating means (14) arranged so as to affect at least part of at least one of its main surfaces (11a, 11b). Advantageously, the device (10) comprises means for the quick and reversible fixing of the flexible flat element (11) to an ironing top (12).

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

(54) Title of the invention : THERMOPLASTIC RESIN COMPOSITION FOR VEHICLE LAMP HOUSINGS

(51) International classification :C08L25/08,C08F265/06,C08L51/00
 (31) Priority Document No :2010-049649
 (32) Priority Date :05/03/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/054490
 Filing Date :28/02/2011
 (87) International Publication No :WO 2011/108486
 (61) Patent of Addition 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)TOMITA, Hajime**2)FUJIWARA, Takayoshi****3)KUBOTA, Shunsaku****4)KOBAYASHI, Suguru**

(57) Abstract :

Provided is a thermoplastic resin composition for vehicle lamp housings which exhibits excellent balance among physical properties and excellent gloss. The thermoplastic resin composition is advantageous in that not only a molded product obtained in an early molding stage but also a molded product obtained after repeated molding operations can yield, via direct vapor deposition, an article that exhibits excellent diffuse reflectance. Also provided are molded products. A thermoplastic resin composition for vehicle lamp housings which comprises 5 to 80 parts by weight of (A) a graft copolymer that is obtained by graft polymerizing (a-2) at least one monomer selected from the group consisting of aromatic vinyl monomers, vinyl cyanide monomers, (meth)acrylic ester monomers and maleimide monomers in the presence of (a-1) an acrylate-based rubbery polymer having a weight mean particle diameter of 100 to 400nm, and 20 to 95 parts by weight of (B) a (co)polymer that is obtained by polymerizing (a-2) at least one monomer selected from the group consisting of aromatic vinyl monomers, vinyl cyanide monomers, (meth)acrylic ester monomers and maleimide monomers (with proviso that the sum total of the components (A) and (B) is 100 parts by weight), characterized in that: the total content of volatile substances at 260°C is 0.7wt% or less relative to the whole composition; and the total content of oligomers having weight-average molecular weights of 200 to 1000 is 0.3wt% or less relative to the whole composition.

No. of Pages : 34 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2276/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 19/04/2013

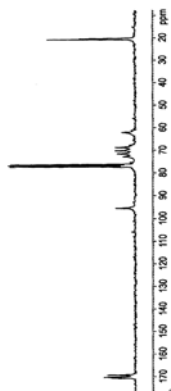
(54) Title of the invention : ESTERIFIED POLYSACCHARIDE OSMOTIC AGENTS

(51) International classification :A61K31/715,A61P7/08,A61M1/28
(31) Priority Document No :102010012183.5
(32) Priority Date :19/03/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/001358
Filing Date :18/03/2011
(87) International Publication No :WO 2011/113608
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH
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Homburg, GERMANY
(72)Name of Inventor :
1)FICHERT, Thomas
2)BICHLMAIER, Ingo
3)FENN, Dominik
4)SCHWEITZER, Thomas

(57) Abstract :

The invention relates to esterified polysaccharide osmotic agents, to the use thereof, to a method for the preparation thereof and to compounds containing said osmotic agents.



No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2277/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 19/04/2013

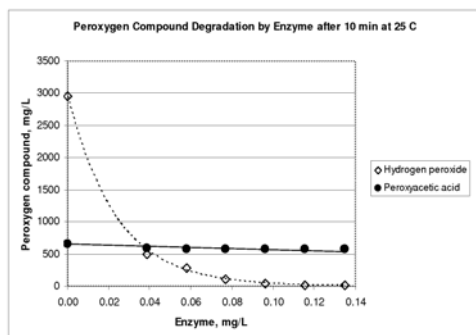
(54) Title of the invention : METHOD FOR PROCESSING PEROXYGEN SOLUTIONS

(51) International classification :A23L3/34,A23L2/70
(31) Priority Document No :61/309,639
(32) Priority Date :02/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/050873
Filing Date :02/03/2011
(87) International Publication No :WO 2011/107942
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ECOLAB USA INC.
Address of Applicant :370 N. Wabasha Street, St. Paul,
Minnesota 55102, UNITED STATES OF AMERICA
(72)Name of Inventor :
1)HILGREN, John D.
2)LANTING, Jelte
3)TIPPETT, Roger J.A.

(57) Abstract :

The present disclosure relates to a multi-step method for processing peroxygen solutions for reuse or disposal. The method uses an enzyme and a reducing agent.



No. of Pages : 40 No. of Claims : 20

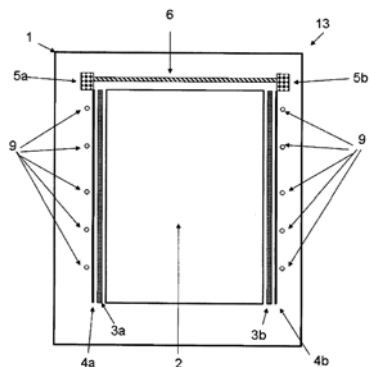
(54) Title of the invention : MOTOR VEHICLE ROOF WITH INTEGRATED ROLLER BLIND

(51) International classification :B60J7/00
 (31) Priority Document No :10161240.6
 (32) Priority Date :28/04/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/056289
 Filing Date :20/04/2011
 (87) International Publication No :WO 2011/134854
 (61) Patent of Addition 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 :18 Avenue d'Alsace, F-92400
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 (72)Name of Inventor :
1)LUX, Thomas

(57) Abstract :

The invention relates to a vehicle roof having an integrated roller sunroof, comprising: a. a vehicle roof (1) having a roof opening (2), b. guides (3a,3b) mounted on both sides in the longitudinal direction on opposite edges of the roof opening (2), ribs (4a, 4b) domes (9), c. roller shaft receptacles (5a, 5b) and a roller blind roll (6) in the roller shaft receptacles (5a, 5b) at the upper edge d. a roller blind (7) displaceable on the roller blind roll (6), in the guides (3a, 3b), and on the ribs (4a, 4b), e. the roller blind (7) placed in the guides (3a, 3b) on the ribs (4a, 4b) and f. roller shaft receptacles (5a, 5b) guides (3a, 3b), ribs (4a, 4b), and domes (9) closed by covers (8a, 8b), characterized in that the vehicle roof (1), guides (3a, 3b), ribs (4a, 4b), domes (9), and roller shaft receptacle (5a, 5b) form a single component (10) made of a polymer material.



No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2261/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : PROCESS FOR PRODUCING AMMONIUM SALTS

(51) International classification :C01C1/242,C07C209/86,C07C211/05
(31) Priority Document No :10160272.0
(32) Priority Date :19/04/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/US2011/032892
Filing Date :18/04/2011
(87) International Publication No :WO 2011/133467
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CELANESE INTERNATIONAL CORPORATION
Address of Applicant :1601 West LBJ Freeway, Dallas, TX 75234, U.S.A.
(72)Name of Inventor :
1)BRIETZKE, Stephan
2)GROER, Peter
3)MOLLENKOPF, Christoph
4)BAYER, Michael, J.

(57) Abstract :

The invention relates to a process of producing an ammonium salt composition. The process comprises the steps of providing a process stream comprising sulfuric acid and at least one tertiary amine contacting the process stream with ammonia under conditions effective to form a waste stream and a product stream. The waste stream comprises water, the tertiary amine, and ammonia and the product stream comprises a first amount of ammonium salt. The process further comprises the steps of deriving from the waste stream an off gas stream comprising a preliminary amount of ammonia and contacting the off gas stream with an acid under conditions effective to form an ammonium salt stream and a purge stream. The ammonium salt stream comprises a second amount of ammonium salt and the purge stream comprises a reduced amount of ammonia which is less than the preliminary amount.

No. of Pages : 21 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4221/KOLNP/2009 A

(19) INDIA

(22) Date of filing of Application :04/12/2009

(43) Publication Date : 19/04/2013

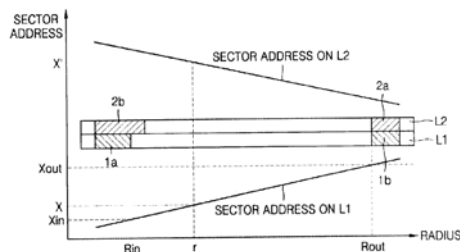
(54) Title of the invention : INFORMATION STORAGE MEDIUM AND METHOD AND SYSTEM FOR RECORDING DATA ON THE SAME

(51) International classification :G11B20/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/KR2005/000512
Filing Date :24/02/2005
(87) International Publication No : WO/2005/083690
(61) Patent of Addition 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 :416, Maetan-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do 442-742 Korea Republic of Korea
(72)Name of Inventor :
1)LEE, Kyung-Geun
2)HWANG Wook-Yeon

(57) Abstract :

A recordable information storage medium having a plurality of information recording layers, where each of the information recording layers of the recordable information storage medium has a plurality of information recording layers each including a lead-in area, a user data area, a lead-out area, and a dedicated area for a drive. The amount of user data to be recorded is divided to allot the data area having the same capacity on each of the information recording layers.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.877/KOL/2010 A

(19) INDIA

(22) Date of filing of Application :09/08/2010

(43) Publication Date : 19/04/2013

(54) Title of the invention : METHOD AND SYSTEM FOR IMPARTING KNOWLEDGE IN SCIENCE AND TECHNOLOGY WITH SMART LANGUAGE SUPPORT

(51) International classification :G09B5/00
(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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LTD., 231/A, C. R. AVENUE, KOLKATA - 700 006, WEST
BENGAL, INDIA
(72)Name of Inventor :
1)ANIRBAN GUPTA

(57) Abstract :

The present invention relates to a method for facilitating e-learning with smart language support comprising the steps of identifying of the nodes wherein the insertion of the inputs are carried out; sequencing of the nodes; linking all the nodes with each other; and operating the linked list.



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

(54) Title of the invention : PLUNGER ROD ADJUSTER FOR COMPACT BRAKE CALIPER UNITS, HAVING A SCREW CONNECTION ELEMENT SUPPORTED DIRECTLY ON THE ADJUSTER HOUSING

(51) International classification :F16D55/224,F16D65/56
 (31) Priority Document No :10 2010 006 709.1
 (32) Priority Date :02/02/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/051098
 Filing Date :27/01/2011
 (87) International Publication No :WO 2011/095423
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

**1)KNORR-BREMSE SYSTEME FÜR
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Address of Applicant :Moosacher Str. 80, 80809 München,
 GERMANY

(72)Name of Inventor :

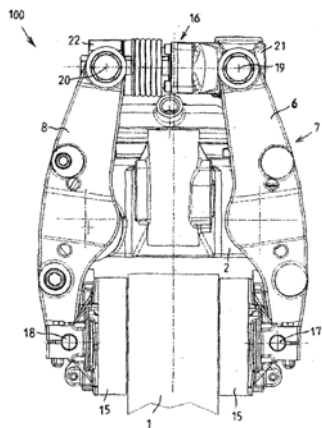
1)EBNER Christian

2)FUDERER Erich

3)STEGMANN André

(57) Abstract :

The invention relates to a wear adjuster (16) for a brake caliper (7) of a disk brake (100) of a rail vehicle, comprising a) a helical gearing which has a threaded spindle (27) and a nut (31) to be screwed thereon as the screw connection elements, one of the screw connection elements (27; 31) and an adjusting element (24) being rotatable in a first wear adjuster housing (21) to rotatingly drive said screw connection element in the wear adjusting direction and the other screw connection element (27; 31) being non-rotatably mounted in a second wear adjuster housing (22), b) a wrap spring freewheeling mechanism (29) which is blocked in a direction of rotation of the rotatable screw connection element (27; 31) against a wear adjustment and which is freewheeling in the opposite direction of rotation, said wrap spring freewheeling mechanism coupling the rotatable screw connection element to a rotationally fixed element. The rotationally fixed element is formed directly by the first wear adjuster housing (21).



No. of Pages : 34 No. of Claims : 11

(21) Application No.2269/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 19/04/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR TREATING AND/OR PREVENTING CANCER

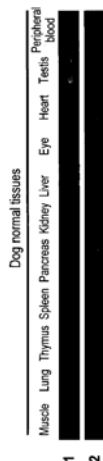
(51) International classification	:A61K39/395,A61P35/00,A61P35/02
(31) Priority Document No	:2010-023451
(32) Priority Date	:04/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/052403
Filing Date	:04/02/2011
(87) International Publication No	:WO 2011/096528
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)TORAY INDUSTRIES, INC.
 Address of Applicant :1-1, NIHONBASHI-MUROMACHI 2-
 CHOME, CHOU-KU, TOKYO 103-8666, JAPAN

(72)Name of Inventor :
1)OKANO Fumiyoshi
2)SAITO Takanori
3)KOBAYASHI Shinichi
4)IDO Takayoshi
5)NARITA Yoshinori

(57) Abstract :

The present invention identifies a cancer antigen protein which is expressed specifically on the surface of a cancer cell, and provides a use of an antibody, which targets the cancer antigen protein, as a therapeutic and/or prophylactic agent for cancer. Specifically disclosed is a pharmaceutical composition for the treatment and/or prevention of cancer, which is characterized by containing, as an active ingredient, an antibody that is immunologically reactive with a partial polypeptide of CAPRIN 1 represented by the even-numbered sequences of SEQ ID NOS: 2-30, said partial polypeptide comprising the amino acid sequence represented by SEQ ID NO: 37 or an amino acid sequence having 80% or more sequence identity to the amino acid sequence, or a fragment of the antibody.



No. of Pages : 262 No. of Claims : 20

**PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS
(KOLKATA)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under rule 85 of the Patents Rules, 2003.

Patent No.	Applicants	Title	Date of Cessation	Appropriate Office
200019	CADENCE DESIGN SYSTEMS,INC.(U.S.A.)	BLOCK BASED DESIGN METHODOLOGY	30/09/2007	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	255978	847/DELNP/2004	02/10/2002	05/10/2001	METHOD AND SYSTEM FOR INSPECTING AND RELEASING GOODS AT A LAND, AIR, OR SEA BORDER	ACCENTURE GLOBAL SERVICES LIMITED	30/10/2009	DELHI
2	255984	7341/DELNP/2006	13/07/2005	14/07/2004	3-(HETEROARYL-OXY)-2-ALKYL-1-AZA-BICYCLOALKYL DERIVATIVES AS ALPHA, 7-NACHR LIGANDS FOR THE TREATMENT OF CNS DISEASES	NOVARTIS AG,	13/07/2007	DELHI
3	255989	4373/DELNP/2005	31/03/2003	31/03/2003	METHOD OF ENCODED CHANNEL ACQUISITION AND A MOBILE DEVICE THEREOF	RESEARCH IN MOTION LIMITED	15/01/2010	DELHI
4	255991	983/DELNP/2007	13/05/2005	05/08/2004	IMPROVED MOBILE COMMUNICATIONS TERMINAL AND METHOD	NOKIA CORPORATION	03/08/2007	DELHI
5	255992	1768/DEL/2005	07/07/2005	23/07/2004	PROBE FOR DETECTING AT LEAST ONE PARAMETER DURING THERMAL TREATMENT OF FOOD PRODUCT	ANGELO PO GRANDI CUCINE-SOCIETA' PER AZIONI	03/08/2007	DELHI
6	255994	8200/DELNP/2007	19/05/2006	19/05/2005	A QUINOLONE DERIVATIVE HAVING A 3-ALKYL-3-AMINOPYRROLIDINYL GROUP	DAIICHI SANKYO COMPANY, LIMITED	04/07/2008	DELHI
7	255995	8981/DELNP/2007	23/05/2006	24/05/2005	WATER-SOLUBLE PREFLUX AND USAGE OF THE SAME	SHIKOKU CHEMICALS CORPORATION	04/01/2008	DELHI
8	255996	3035/DELNP/2007	21/10/2005	25/10/2004	A COMPOUND 3'-{N'-[1-3,5-DIMETHYL-PHENYL)-6-TRIFLUOROMETHYL-2-OXO-1,2-DIHYDRO-INDOL-3-YLIDENE]-HYDRAZINO}-2'-HYDROXY-BIPHENYL-3-CARBOXYLIC ACID AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF, FOR MODULATING THROMBOPOIETIN ACTIVITY	LIGAND PHARMACEUTICALS, INC	24/08/2007	DELHI

9	255997	6565/DELNP/2006	25/05/2004	25/05/2004	PROCESS FOR PREPARING POLYURETHANE FOAMS HAVING REDUCED VOC EMISSIONS	GENERAL ELECTRIC COMPANY	31/08/2007	DELHI
10	256000	4316/DELNP/2006	25/01/2005	03/02/2004	ORGANIC RANKINE CYCLE FLUID	UNITED TECHNOLOGIES CORPORATION	13/07/2007	DELHI
11	256001	1889/DELNP/2006	28/09/2004	01/10/2003	METHOD FOR FORMING A POLYMER FILM ON A SURFACE THAT CONDUCTS OR SEMICONDUCTS ELECTRICITY BY MEANS OF ELECTROGRAFTING, SURFACES OBTAINED, AND APPLICATIONS THEREOF	COMMISSARIAT A L'ENERGIE ATOMIQUE	15/06/2007	DELHI
12	256002	768/DELNP/2008	17/08/2006	19/08/2005	A SOLID LAUNDRY DETERGENT COMPOSITION COMPRISING ALKYL BENZENE SULPHONATE AND A HYDRATABLE MATERIAL	THE PROCTER & GAMBLE COMPANY	11/07/2008	DELHI
13	256003	2403/DELNP/2007	28/09/2005	29/09/2004	NANOPARTICULATED WHEY PROTEINS	NESTEC S.A,	03/08/2007	DELHI
14	256006	5678/DELNP/2006	22/02/2005	01/03/2004	DEVICE FOR GRANULATING THERMOPLASTIC MATERIAL ISSUING FROM ORIFICES	H2S TECHNOLOGIES INC	24/08/2007	DELHI
15	256007	6873/DELNP/2006	24/03/2005	22/04/2004	A CATALYST SYSTEM FOR POLYMERISING OLEFINS AND METHOD OF PREPARING THE SAME	CHEVRON PHILLIPS CHEMICAL COMPANY LP	31/08/2007	DELHI
16	256008	5496/DELNP/2005	12/10/2000	12/10/2000	A COMPOUND OF ACYLOXYPROPYL-PYRIDINESULFONAMIDE	LG CORPORATION	28/09/2007	DELHI
17	256009	7130/DELNP/2007	17/02/2006	17/03/2005	GAS BLOWER OF COKE DRY QUENCHING FACILITY AND ITS OPERATING METHOD	NIPPON STEEL ENGINEERING CO., LTD	26/10/2007	DELHI
18	256010	2461/DEL/2004	10/12/2004		PHARMACEUTICAL COMPOSITION FOR IMPROVING PALATABILITY OF DRUGS AND PROCESS FOR PREPARATION THEREOF	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	03/11/2006	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	168408	241/BOM/1989	28/08/1989		A PROCESS FOR THE PREPARATION OF ISOLONGIFOLOL.	CAMPOR AND ALLIED PRODUCTS LIMITED	11/11/1989	MUMBAI
2	168713	33/BOM/1989	08/02/1989		AN AUTOMATIC ELECTRONIC DEVICE FOR DETECTING L.P.G. LEAKAGE FLAME FAILURE AND STOPPING THE GAS SUPPLY	REJENDRA SINGH CHAUHAN	01/04/1989	MUMBAI
3	169424	89/BOM/1989	10/04/1989		STATIC PHASE CONVERTOR	JAYANT GANESH VAIDYA	03/06/1989	MUMBAI
4	169428	342/BOM/1989	13/12/1989		AN IMPELLER FOR USE IN A MONOBLOCK WATER PUMP	CROMPTON GREAVES LIMITED	03/02/1990	MUMBAI
5	169826	156/BOM/1989	12/06/1989	13/06/1988	METHOD OF MAKING A LIQUID DETERGENT	HINDUSTAN LEVER LIMITED	05/08/1989	MUMBAI
6	169827	181/BOM/1989	04/07/1989		AN IMPROVED MULTIFILAMENT LAMP	VIPIN CHAMPSEY SHAH	09/09/1989	MUMBAI
7	169912	1/BOM/1989	02/01/1989		A PROCESS FOR THE PREPARATION OF PHENYL AMIDINE AND PHENYL GUANIDINE COMPOUNDS FOR THE TREATMENT OF HYPERGLYCEMIA	BOOTS PHARMACEUTICALS LIMITED	25/02/1989	MUMBAI
8	169914	43/BOM/1989	23/02/1989		IMPROVEMENTS IN OR RELATING TO DEVICES USED TREATMENT OF LIQUIDS SUCH AS WATER SOFTENING DE-IONIZATION, NON-WATER TREATMENT LIKE PURIFYING GLYOXAL, SUGAR SOLUTIONS AND EFFLUENT TREATMENT	ION EXCHANGE LIMITED	08/04/1989	MUMBAI
9	170137	115/BOM/1989	01/05/1989		PROTECTED SILVERED SUBSTRATES AND MIRRORS CONTAINING THE SAME	LUZ INDUSTRIES ISRAEL LIMITED	24/06/1989	MUMBAI
10	170494	164/BOM/1989	15/06/1989	14/06/1989	METHOD FOR PREPARING AN AQUEOUS SHAMPOO COMPOSITION	HINDUSTAN LEVER LIMITED	05/08/1989	MUMBAI

11	171531	169/BOM/1989	16/06/1989		AN IMPROVED SEAL IN BALL VALVE	KSB PUMPS LIMITED	05/08/1989	MUMBAI
12	171751	163/BOM/1989	15/06/1989		A PROCESS FOR THE PRODUCTION OF A NEW ANTIFUNGAL ANTIBIOTIC MACLAFUNGIN FROM AN ACT INOMYCETE CULTURE Y-85,21050 (CULTURE NUMBER HOECHST INDIA LIMITED Y-85,21050), ITS MUTANTS OR VARIANTS	HOECHST INDIA LIMITED	05/08/1989	MUMBAI
13	255985	2478/MUM/2008	25/11/2008		A METHOD FOR PREPARING NANO PARTICLES	AVINASH RAMCHANDRA MOGHE	04/06/2010	MUMBAI
14	255990	467/MUMNP/2009	20/02/2008	21/02/2007	EXHAUST GAS DESULFURIZER	MITSUBISHI HEAVY INDUSTRIES, LTD.	15/05/2009	MUMBAI
15	255999	807/MUMNP/2008	17/11/2006	18/11/2005	METHOD AND APPARATUS FOR PRODUCING OPTICAL RECORDING MEDIUM	MITSUBISHI KAGAKU MEDIA CO., LTD.	13/06/2008	MUMBAI
16	256005	744/MUMNP/2008	22/09/2006	21/10/2005	IN-LINE MEASURING DEVICE	ENDRESS+HAUSER FLOWTEC AG	04/07/2008	MUMBAI

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	255979	2353/CHENP/2008	27/10/2006	14/11/2005	SUSTAINED RELEASE FILM FORMULATION FOR HEALING WOUND COMPRISING EPIDERMAL GROWTH FACTOR	DAEWOOONG CO., LTD	06/03/2009	CHENNAI
2	255980	3018/CHE/2007	18/12/2007	26/12/2006	METHOD AND SYSTEM FOR PROVIDING A MULTI-USER VOICE CONVERSATION WITH ONE USER TERMINAL SENDING VOICE EACH TIME	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	11/09/2009	CHENNAI
3	255981	1800/CHE/2006	28/09/2006		A SYSTEM AND METHOD OF PROVIDING USER EQUIPMENT INITIATED AND ASSISTED BACKWARD HANDOVER IN HETEROGENEOUS WIRELESS NETWORKS	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/11/2008	CHENNAI
4	255982	2963/CHENP/2007	02/12/2005	03/12/2004	DARK, FLAT ELEMENT HAVING LOW HEAT CONDUCTIVITY, REDUCED DENSITY AND LOW SOLAR ABSORPTION	CONSTRUCTION RESEARCH & TECHNOLOGY GMBH	07/09/2007	CHENNAI
5	255983	3868/CHENP/2006	20/04/2005	20/04/2004	AEROSOL DELIVERY APPARATUS, METHODS AND COMPOSITIONS FOR PRESSURE-ASSISTED BREATHING SYSTEMS	AEROGEN , INC.	15/06/2007	CHENNAI
6	255986	4551/CHENP/2006	12/05/2005	12/05/2004	SUBSTITUTED N-PHENYL BENZAMIDES	PROTEOTECH INC.	29/06/2007	CHENNAI

7	255987	358/CHE/2004	19/04/2004	22/04/2003	INSECT PEST CONTROL HEAT VAPORIZING MATERIAL	SUMITOMO CHEMICAL COMPANY, LIMITED,NIPPON PAPER PAPYLIA CO LTD	13/01/2006	CHENNAI
8	255988	2073/CHENP/2006	09/12/2004	12/12/2003	SPIROPIPERIDINE DERIVATIVES COMPOUND OF FORMULA I' FOR CONTROLLING PESTS	SYNGENTA PARTICIPATIONS AG	06/07/2007	CHENNAI
9	255993	3932/CHENP/2007	08/02/2006	09/02/2005	METHOD FOR PRODUCING, ALPHA,BETA- UNSATURATED CARBOXYLIC ACID	MITSUBISHI RAYON CO., LTD	21/12/2007	CHENNAI
10	255998	3699/CHENP/2006	30/03/2005	06/04/2004	LIQUID DISPERSION POLYMER COMPOSITIONS	CIBA HOLDING INC	06/07/2007	CHENNAI
11	256004	2477/CHE/2006	29/12/2006		METHOD AND APPARATUS FOR WAKING UP AN MULTI-FUNCTIONAL PERIPHERAL FROM POWER-OFF STATE UPON ARRIVAL OF AN INCOMING FACSIMILE	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/11/2008	CHENNAI

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